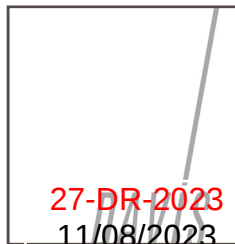


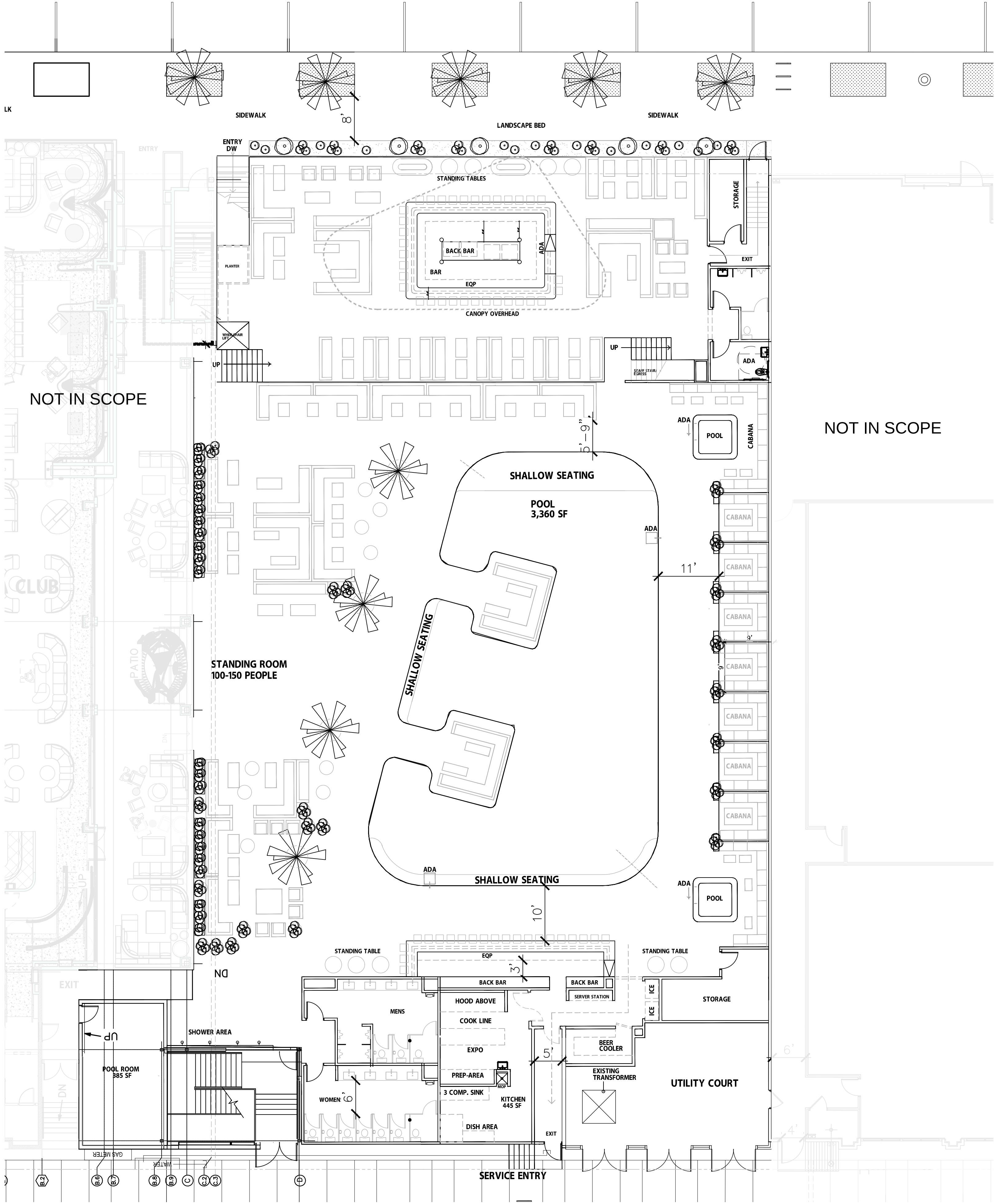
The purpose of this request is to present an updated design of the District located at 7333 E Indian Plaza, Scottsdale AZ. The project includes updates and upgrades to architecture, landscape, civil, the existing pool and amenities. The land use for the site will remain. Included in the design is one bar in the north, one bar in the south with new upgraded restrooms and kitchen facilities relocated to the south end of the site. Below grade is a proposed bar that is accessed from the sidewalk at a separate entry east of the main entry plan north. The facility located below grade includes a bar, new restroom, storage, and seating.

PROJECT NARRATIVE

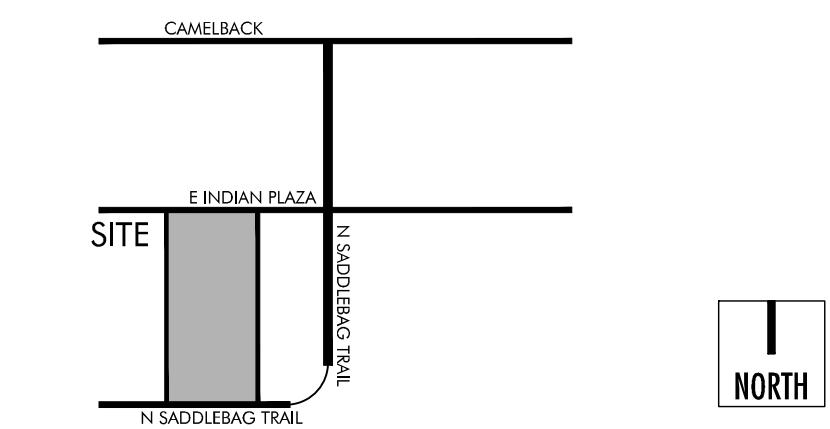
The District - Scottsdale, Arizona

06/23/2023





VICINITY MAP:



PROJECT DATA:

PROJECT NAME: THE DISTRICT RE-MODEL
PROJECT ADDRESS: 7333 E. INDIAN PLAZA

AREA: A-2 TYPE

ALLOWABLE AREA NARRATIVE

FOR PURPOSES OF ESTABLISHING THE ALLOWABLE AREA FOR THE ADDITION AND REMODEL; SECTION 503.1.1 OF THE IBC WILL BE UTILIZED. AN EXISTING TWO HOUR CMU WALL WILL BE USED A TWO HOUR FIRE WALL AND WILL SEPARATE THE EXISTING BUILDING "B" AND CABANA 2 FROM THE COMBINATION OF THE EXISTING BUILDING "C" AND THE NEW ADDITION AND REMODEL.

PROPOSED USE: RE-MODEL
APN: 173-41-274

SITE AREA: 22,242 SF

ADDITION & RE-MODEL:

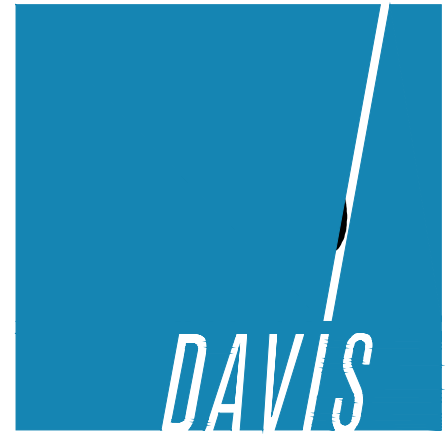
TOILETS AND KITCHEN: 1,616 SF
STORAGE: 543 SF
OUTDOOR BOOTHS (EAST): 932 SF
OUTDOOR COVERED BAR (NORTH): 460 SF
OUTDOOR COVERED BAR (SOUTH): 335 SF
POOL: 3,002 SF
SPEAKEASY: 3,825 SF
TOTAL ADDITION & REMODEL: 22,242 SF

PROJECT DIRECTORY:

ARCHITECT	APPLICANT/DEVELOPER	LANDSCAPE	CIVIL ENGINEER
DAVIS 3033 N. CENTRAL AVE. SUITE 800 PHOENIX, AZ 85012 480-638-1100 AWE EDWARDS AWEEDWARDS@THEDAVISGROUP.COM	SCOTTSDALE BEACH CLUB, LLC 4501 N SCOTTSDALE RD, SUITE 201 SCOTTSDALE, AZ 85251 602-748-8888 BOYCE O'BRIEN BOYCE@STOCKDALECAPITAL.COM	YOUNG DESIGN GROUP 7234 EAST SHOEMAN LANE SUITE 10 SCOTTSDALE, AZ 85251	ATWELL, LLC 4700 E. SOUTHERN AVENUE MESA, AZ 85206 480-218-8831
LIGHTING CONSULTANT	ELECTRICAL		
ATWELL, LLC 4700 E. SOUTHERN AVENUE MESA, AZ 85206 480-218-8831	ATWELL, LLC 4700 E. SOUTHERN AVENUE MESA, AZ 85206 480-218-8831		

SITE PLAN

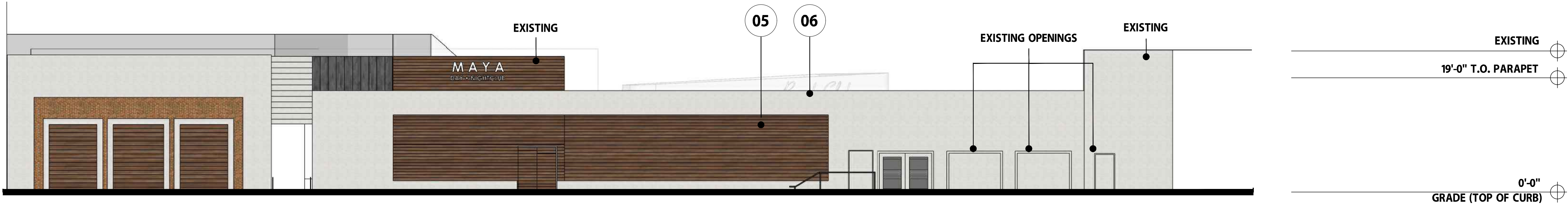
THE DISTRICT
22178 - 10-31-2023



MATERIAL SCHEDULE		
01	CLADDING 01 - RESYSTA 8" WOOD LOOK PLANK PALE GOLDEN	06 EIFS 01 DE6232 ABSTRACT WHITE LRV 75
02	EIFS 01 DETS49 LITTLE BEAUX BLUE LRV 61	07 TEAK TILE CLADDING MANF: TWISTER TILE SMOOTH NATURAL MATTE FINISH
03	PAINTED ALUMINUM POWDER COAT DEC703 RETRO PEACH	
04	GLASS RAILING MANF: VIEW RAIL OR SIMILAR	
05	IPE WALL CLADDING MANF: TBD	



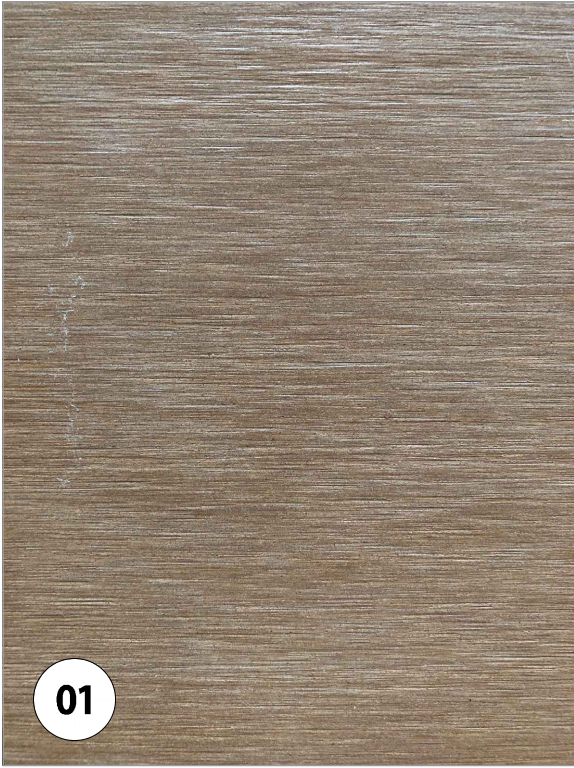
1 NORTH ELEVATION 3/32"=1'



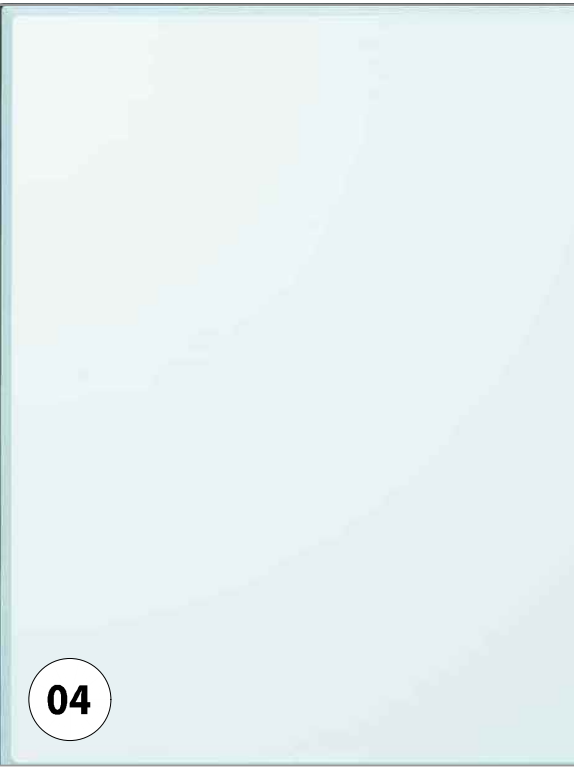
2 SOUTH ELEVATION 3/32"=1'

ELEVATIONS
THE DISTRICT
22178 - 09-01-2023

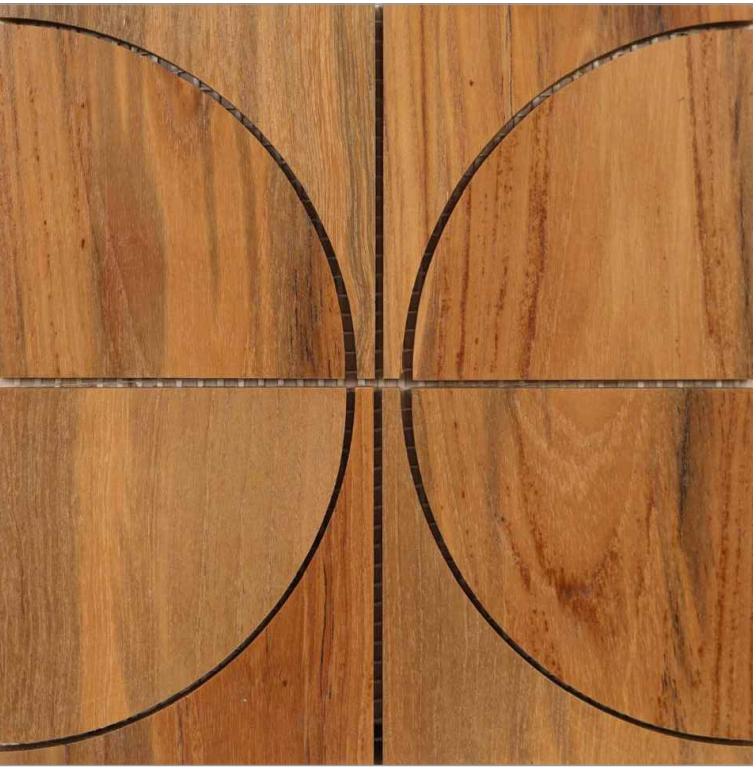




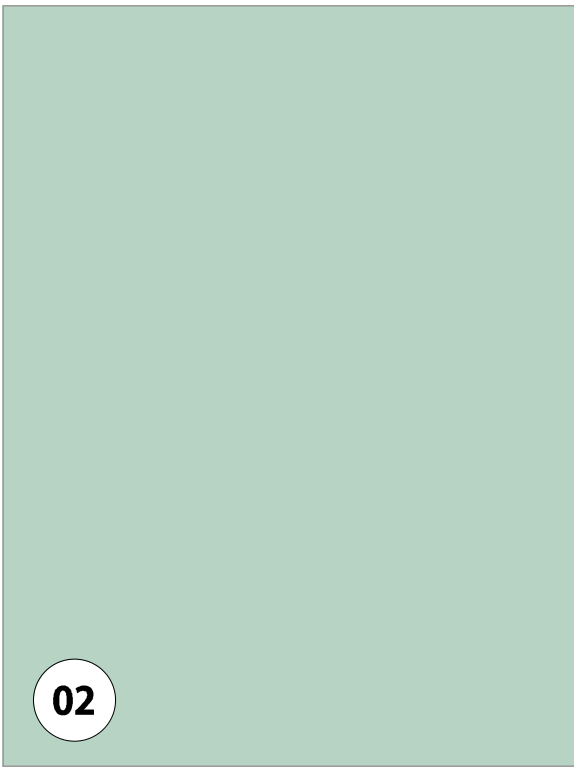
CLADDING 01 - RESYSTA
8" WOOD LOOK PLANK
PALE GOLDEN



GLASS RAILING
MANF: VIEW RAIL OR SIMILAR



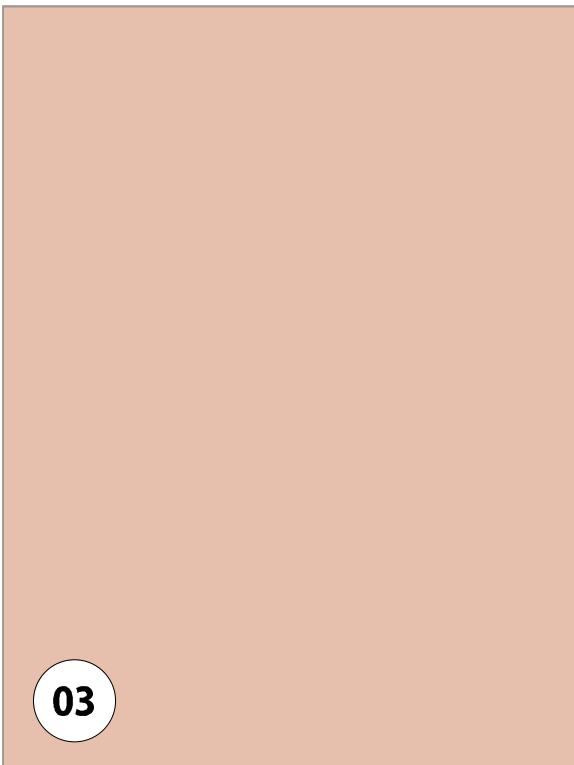
TEAK TILE CLADDING
MANF: TWISTER TILE
SMOOTH NATURAL
MATTE FINISH



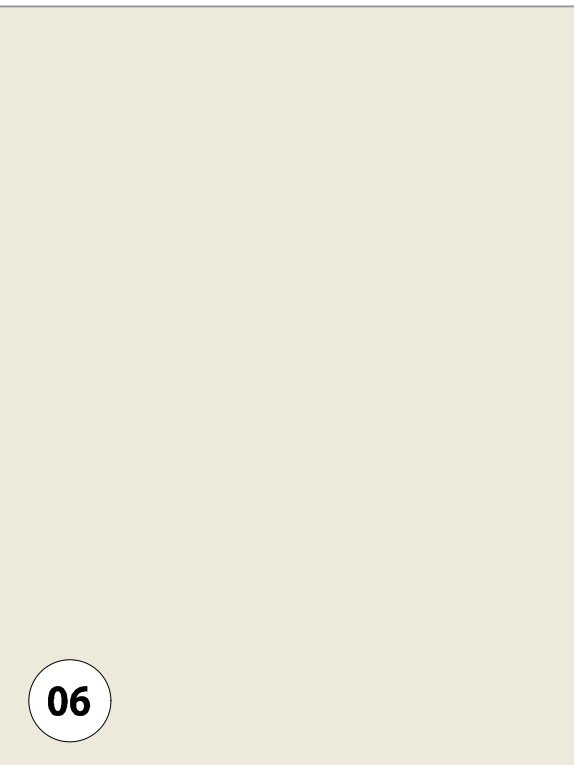
EIFS 01
DET549 LITTLE BEAUX BLUE
LRV 61



IPE WALL CLADDING
MANF: TBD



PAINTED ALUMINUM
POWDER COAT
DEC703 RETRO PEACH



EIFS 01
DE6232 ABSTRACT WHITE
LRV 75

DIGITAL MATERIAL BOARD

THE DISTRICT
22178 - 09-01-2023





1 NORTH PERSPECTIVE

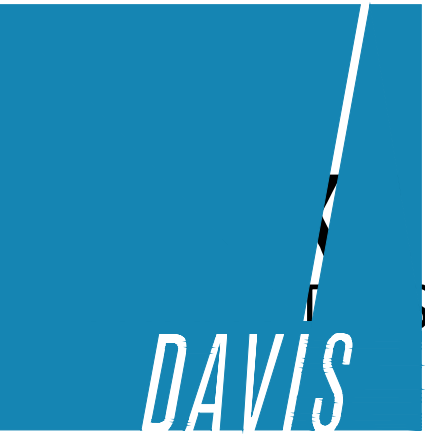
3/32"=1'



2 SOUTH PERSPECTIVE

3/32"=1'

PERSPECTIVES
THE DISTRICT
22178 - 09-01-2023



SCALE: AS NOTED

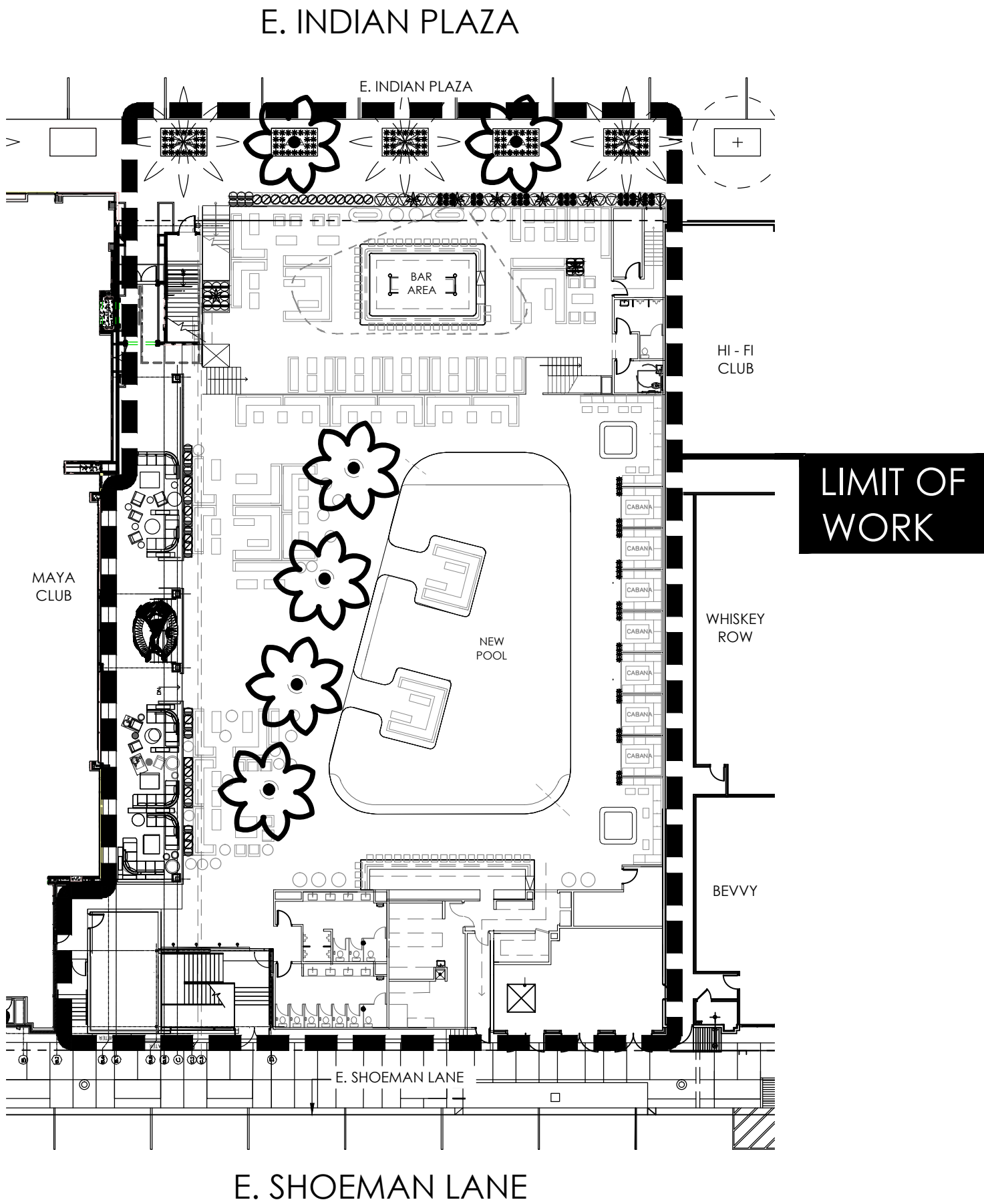
27-DR-2023
11/08/2023

SCOTTSDALE GENERAL NOTES

1. NO TREES OR SHRUBS SHALL BE PLANTED WITHIN A 5 FT. RADIUS AROUND FIRE HYDRANTS.
2. AREAS OF DECOMPOSED GRANITE WITHOUT PLANT MATERIALS / GROUNDCOVERS SHALL NOT EXCEED DIMENSIONS OF MORE THAN 7 FEET IN ANY ONE DIRECTION, MEASURED BETWEEN (MATURE) PLANT CANOPIES AND/OR COVERAGE.
3. A SINGLE TRUNK TREE'S CALIPER SIZE THAT IS EQUAL TO OR LESS THAN 4 INCHES, SHALL BE DETERMINED BY USING THE SMALLEST DIAMETER OF THE TRUNK 6 INCHES ABOVE FINISHED GRADE ADJACENT TO THE TRUNK. A TREE'S CALIPER'S SIZE, FOR SINGLE TRUNK TREES THAT ARE TO HAVE A DIAMETER GREATER THAN 4 INCHES, SHALL BE DETERMINED BY UTILIZING THE SMALLEST DIAMETER OF THE TRUNK 12 INCHES ABOVE FINISHED GRADE ADJACENT TO THE TRUNK. A MULTIPLE TRUNK TREE'S CALIPER SIZE IS MEASURED AT 6 INCHES ABOVE WHERE THE TRUNK SPLITS ORIGINATE, OR 6 INCHES ABOVE FINISHED GRADE IF TRUNKS ORIGINATE FROM THE GROUND.
4. AREA WITHIN THE SIGHT DISTANCE TRIANGLES IS TO BE CLEAR OF LANDSCAPING, SIGNS, OR OTHER VISIBLE OBSTRUCTIONS WITH A HEIGHT GREATER THAN 1.5 FEET. TREES WITHIN THE SIGHT TRIANGLE SHALL HAVE A SINGLE TRUNK AND A CANOPY THAT BEGINS AT 8 FEET IN HEIGHT UPON INSTALLATION. ALL HEIGHTS ARE MEASURED FROM THE NEAREST STREET LINE ELEVATION.
5. RETENTION / DETENTION BASINS SHALL BE CONSTRUCTED SOLELY FROM THE APPROVED CIVIL PLANS. ANY ALTERATION OF THE APPROVED DESIGN (ADDITIONAL FILL, BOULDERS ETC.) SHALL REQUIRE ADDITIONAL FINAL PLANS STAFF REVIEW AND APPROVAL.
6. ALL RIGHTS-OF-WAY ADJACENT TO THIS PROPERTY SHALL BE LANDSCAPED AND MAINTAINED BY THE PROPERTY OWNER.
7. PRIOR TO THE ESTABLISHMENT OF WATER SERVICE, NON-RESIDENTIAL PROJECTS WITH AN ESTIMATED ANNUAL WATER DEMAND OF TEN (10) ACRE FEET OR MORE, SHALL SUBMIT A CONSERVATION PLAN IN CONFORMANCE WITH SECTIONS 49-245 THROUGH 49-248 OF THE CITY CODE TO THE WATER CONSERVATION OFFICE.
8. TURF SHALL BE LIMITED TO A MAXIMUM AREA SPECIFIED IN SECTIONS 49-425 THROUGH 49-248 OF THE CITY CODE AND SHALL BE SHOWN ON LANDSCAPE PLANS SUBMITTED AT THE TIME OF FINAL PLANS.
9. NO LIGHTING IS APPROVED WITH THE SUBMITTAL.
10. THE LANDSCAPE SPECIFICATION SECTION(S) OF THESE PLANS HAVE NOT BEEN REVIEWED AND SHALL NOT BE A PART OF THE CITY OF SCOTTSDALE'S APPROVAL.
11. ALL SIGNS REQUIRE SEPARATE PERMITS AND APPROVALS.
12. NEW LANDSCAPING, INCLUDING SALVAGED PLANT MATERIAL, AND LANDSCAPING INDICATED TO REMAIN, WHICH IS DESTROYED, DAMAGED, OR EXPIRES DURING CONSTRUCTION SHALL BE REPLACE WITH LIKE KIND AND QUANTITY PRIOR TO THE ISSUANCE OF THE CERTIFICATE OF OCCUPANCY / LETTER OF ACCEPTANCE TO THE SATISFACTION OF THE INSPECTION SERVICES STAFF.

1. ALL PLANTING AREAS ARE TO HAVE DECOMPOSED GRANITE, COLOR AND SIZE AS SPECIFIED, 2" MIN DEPTH TYP.
2. NO PLANT SUBSTITUTIONS ALLOWED UNLESS APPROVED IN WRITING BY LANDSCAPE ARCHITECT AND THE CITY OF SCOTTSDALE.
3. ALL PLANT MATERIAL MUST MEET ANA SPECIFICATIONS.
4. ALL PLANT MATERIAL THAT IS NOT LABELED "TO REMAIN" ARE TO BE RELOCATED PER PLANTING PLANS.
5. ALL AREAS DISTURBED DURING CONSTRUCTION ARE TO BE FINE GRADED AND TREATED TO BLEND EVENLY WITH ALL NEWLY CONSTRUCTED AREAS.
6. LANDSCAPE ARCHITECT, OWNERS REPRESENTATIVE, AND THE CITY OF SCOTTSDALE RESERVES THE RIGHT TO REJECT ANY PLANT MATERIAL THAT IS DETERMINED TO NOT SATISFY THE DESIGN INTENT OF THE LANDSCAPE PLAN BASED ON SIZE, SHAPE, APPEARANCE, HEALTH, OR IMPROPER CARE.
7. ALL DOWNSPOUTS / SCUPPERS ARE TO HAVE 3'x3', 3" - 6" NATIVE STONE MATERIAL INSTALLED TO PREVENT EROSION WHERE REQUIRED.
8. ALL BERM CONTOUR INTERVALS ARE AT 1'-0", SLOPES NOT TO EXCEED 4:1.
9. PLANTS TO BE LOCATED AWAY FROM OBSTACLES SUCH AS FIRE HYDRANTS, TRANSFORMERS, POWER POLES, AND LIGHT FIXTURES AS NECESSARY. DO NOT INSTALL PLANT MATERIAL IN ANY AREA WHICH WILL CAUSE HARM TO ADJACENT IMPROVEMENTS.
10. PLANT TREES, SHRUBS, AND CACTI PLUMB, AND FACED TO GIVE THE BEST APPEARANCE OR RELATIONSHIP TO ADJACENT PLANTS OR VIEWS.
11. LANDSCAPE CONTRACTOR TO PERFORM A SOILS TEST PRIOR TO LANDSCAPE CONSTRUCTION TO DETERMINE ANY NUTRIENT DEFICIENCIES. IF ANY DEFICIENCIES EXIST, IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO AMEND THE SOIL ACCORDINGLY.

1. ALL LANDSCAPE AREAS ARE TO BE WATERED WITH A FULLY AUTOMATIC IRRIGATION SYSTEM.
2. IRRIGATION SYSTEM SHALL UTILIZE THE EXISTING IRRIGATION METER LOCATED AT SCOTTSDALE ROAD. REPAIR / REPLACE BACKFLOW DEVICE AS REQUIRED TO BRING UP TO CURRENT CITY OF SCOTTSDALE CODE REQUIREMENTS.
3. ALL EXISTING IRRIGATION EQUIPMENT SHALL BE REPLACED WITH NEW HIGH EFFICIENCY COMPONENTS PER CITY STANDARDS.



OVERALL SITE PLAN

DESIGN STANDARDS

1. FINAL TREE LOCATIONS, AS APPLICABLE, SHALL BE LOCATED SO AS TO NOT BE IN CONFLICT WITH BUILDING OR POLE MOUNTED SITE LIGHTING.
2. FINAL PLANT LOCATIONS SHALL BE LOCATED SO AS TO NOT BE IN CONFLICT WITH PEDESTRIAN WALKWAYS, PATHWAYS AND PARKING AREAS UPON MATURE SIZE.
3. FINAL PLANS SHALL INCLUDE THE LOCATIONS FOR EXTERIOR LIGHT FIXTURES, FIRE HYDRANTS AND TRANSFORMERS. ADJUST PLANTING AND HARDSCAPE AS REQUIRED TO AVOID CONFLICTS.

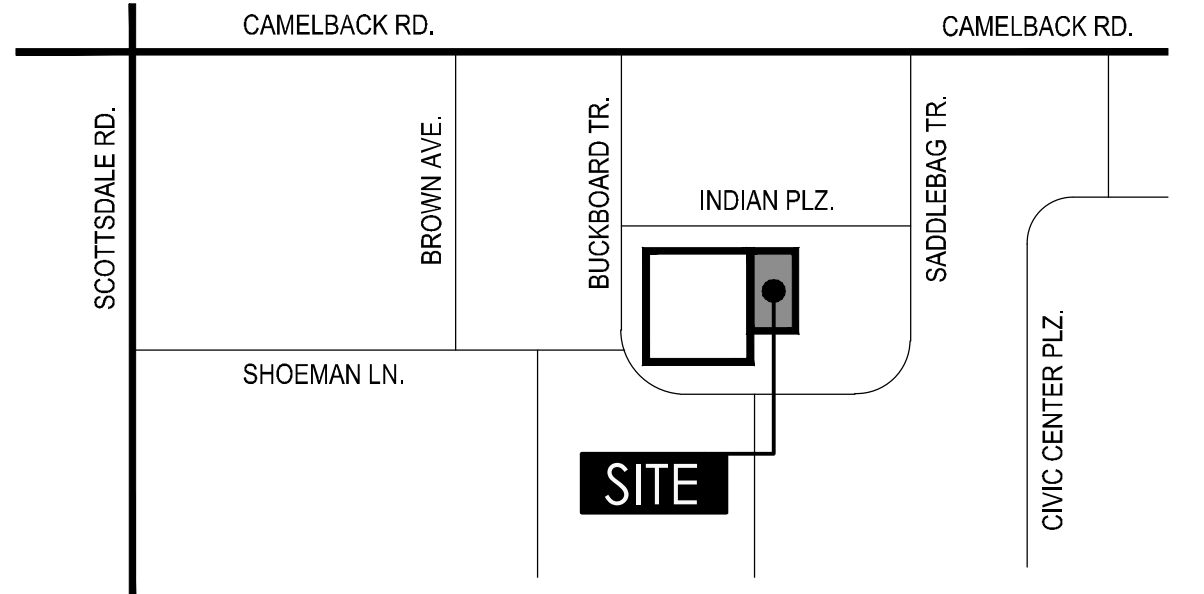
HARDSCAPE GENERAL NOTES

1. CURVILINEAR FLATWORK TO BE SMOOTH, EVEN RADIUS, AND DEVOID OF POINTS AND FLAT SPOTS. CONCRETE SHALL BE REMOVED AND REPLACED AT CONTRACTORS EXPENSE IF NOT INSTALLED PER PLAN.
2. FORM WORK SHALL BE APPROVED BY THE LANDSCAPE ARCHITECT OR OWNER'S REPRESENTATIVE PRIOR TO POURING CONCRETE.
3. WALKS SHALL HAVE A LIGHT BROOM FINISH UNLESS SHOWN OR NOTED OTHERWISE.
4. WALKS SHALL BE MIN. 5'-0" WIDE (MIN.) WITH SCORE JOINTS AT 5'-0" O.C. AND EXPANSION JOINTS AT 18'-0" O.C. UNLESS SHOWN OR NOTED OTHERWISE.
5. WALKS LOCATED AT BACK OF CURB SHALL BE AS SHOWN ON PLANS.

A.D.A./FAIR HOUSING REQUIREMENTS

1. THE SIDEWALK / HARDSCAPE CONTRACTOR IS RESPONSIBLE FOR CONSTRUCTION SIDEWALKS TO MEET ALL STATE AND FEDERAL REQ. INCLUDING BUT NOT LIMITED TO THE AMERICANS WITH DISABILITIES ACT AND THE FAIR HOUSING GUIDELINES.
2. THE SIDEWALK HARDSCAPE CONTRACTOR SHALL COORDINATE ALL SIDEWALK CONSTRUCTION WITH THE CIVIL ENGINEER'S SITE ACCESSIBILITY PLAN. SHOULD A DISCREPANCY EXIST BETWEEN THE PLANS, THE CONTRACTOR SHALL NOTIFY THIS OFFICE IMMEDIATELY.
3. FINISH FLOOR ELEVATIONS, SIDEWALK ELEVATIONS, DRAINAGE BASINS, TOP OF FOOTING ELEVATIONS AND ACCESSIBILITY INFORMATION HAS BEEN PROVIDED BY OTHERS. LANDSCAPE ARCHITECTS RESPONSIBILITY IS LIMITED TO THE HORIZONTAL CONTROL OF HARDSCAPE RELATED ELEMENTS ONLY (WHERE SHOWN ON PLANS). ALL VERTICAL CONTROL ASSOCIATED WITH THIS PROJECT IS RESPONSIBILITY OF THE CIVIL ENGINEER AS IT DIRECTLY RELATES TO THE DRAINAGE OF THE PROJECT.

VICINITY MAP



PROJECT TEAM

OWNER / DEVELOPER:
STOCKDALE CAPITAL
4343 N. SCOTTSDALE RD.
SUITE # 180
SCOTTSDALE, AZ 85251
PH: (480) 949-3200
CONTACT: SHAWN YARI

ARCHITECT:
DAVIS
3033 N. CENTRAL AVE.
SUITE 800
PHOENIX, AZ 85012
PH: (480) 638-5065
CONTACT: ADAM GERHARD
agerhard@thedavisexperience.com

LANDSCAPE ARCHITECT:
YOUNG DESIGN GROUP
7234 EAST SHOEMAN LN.
SUITE # 8
SCOTTSDALE, AZ 85251
PH: (480) 257-3312
CONTACT: JOE YOUNG
jyoung@youngdg.com

SHEET INDEX

L0.1 COVER SHEET + NOTES
L1.1 PRELIMINARY LANDSCAPE PLAN
L2.1 PLANT CHARACTER EXHIBIT

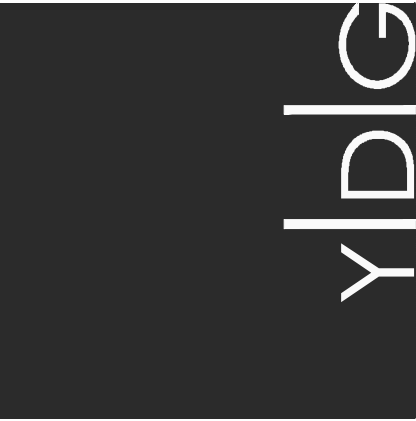
NATIVE PLANT INFORMATION

THERE ARE NO QUALIFYING NATIVE PLANTS THAT ARE CURRENTLY EXISTING ON THIS PROPERTY.

LANDSCAPE PLAN APPROVAL		
CASE #	APPROVED BY	DATE
CONSTRUCTION AND INSTALLATION SHALL BE IN ACCORDANCE WITH THIS PLAN AND ANY AND ALL DEVIATION WILL REQUIRE RE-APPROVAL. THE CITY WILL NOT ISSUE A CERTIFICATE OF OCCUPANCY UNTIL INSPECTION SERVICES STAFF APPROVED THE LANDSCAPE INSTALLATION.		

ALL LANDSCAPE AREAS AND MATERIALS, INCLUDING THOSE LOCATED IN PUBLIC RIGHTS-OF-WAY, SHALL BE MAINTAINED IN A HEALTHY, NEAT, CLEAN AND WEEDFREE CONDITION. ANSI A300 STANDARD PRACTICES FOR PRUNING, SUPPORT SYSTEMS, AND SAFETY SHALL BE USED FOR MAINTENANCE CRITERIA. THIS SHALL BE THE RESPONSIBILITY OF THE .
PROPERTY OWNER
(PROPERTY OWNER / DEVELOPER / HOA)

young | design | group
Landscape Architecture
+ Land Planning
7234 east shoeman lane
suite 8
scottsdale, arizona 85251
tel. 480.257.3312



THE DISTRICT
SCOTTSDALE | AZ | 85251

DATE:	10/16/23
JOB NO:	2326
DRAWN BY:	JMY / CLF
CHECKED BY:	JMY
REVISIONS:	DATE:

SUBMITTED FOR:

PRELIMINARY
LANDSCAPE
PLAN

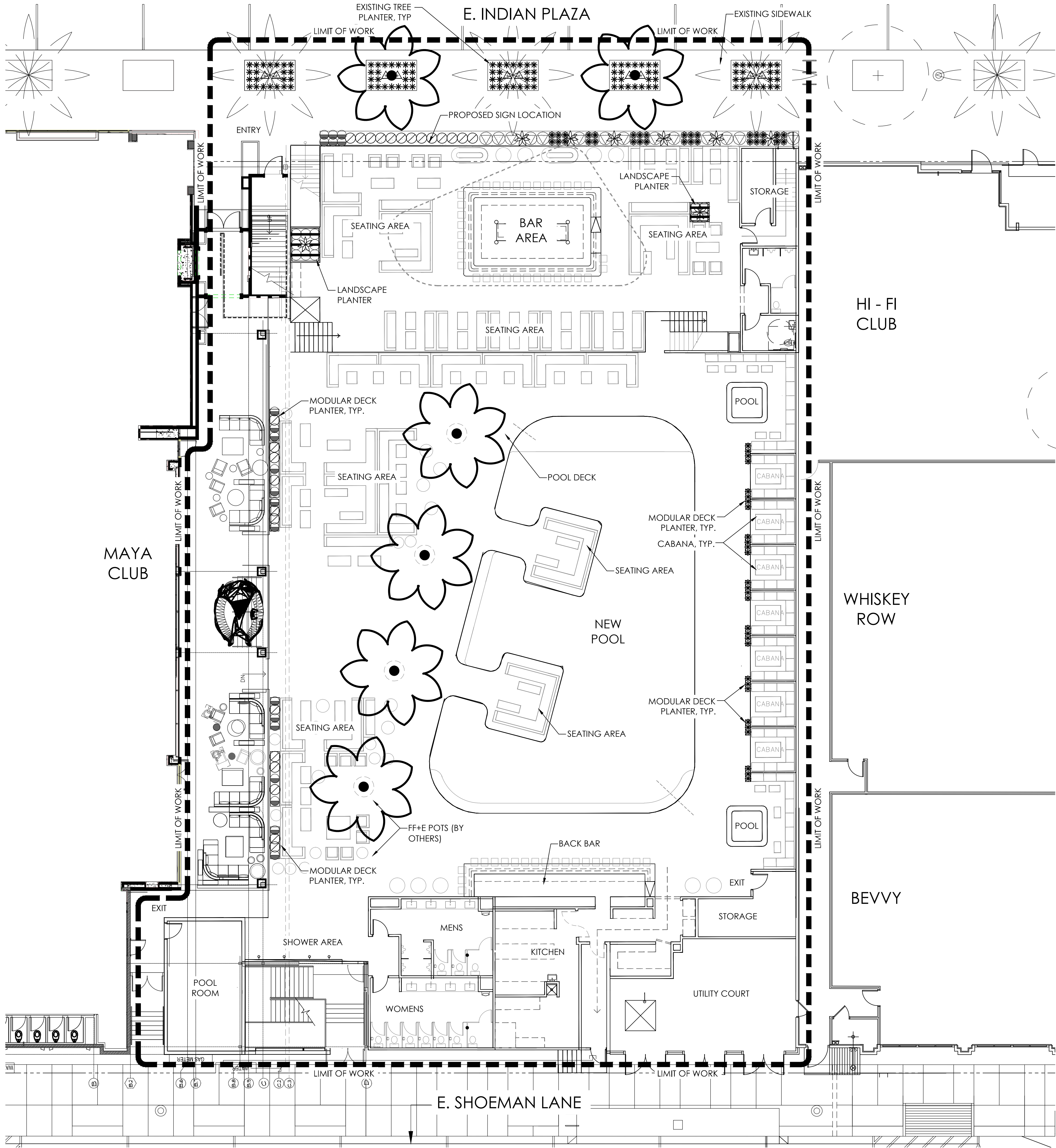
SHEET NO.

L0.1

1 OF 3

TRACKING NUMBERS:

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OLD TOWN FIBERGLASS
RECTANGULAR PLANTER
COLOR: T.B.D.
QTY: 14
SIZE: VARIES

1 L1.1 MODULAR DECK PLANTER

PLANT SCHEDULE

EXISTING PLANTS	SIZE	QTY
EXISTING HYB. MESQUITE + DATE PALM	EXISTING	EXISTING

TREES	SIZE	QTY
PHOENIX DACTYLIFERA DATE PALM	MATCH EXISTING HT. DIAMOND CUT	6

ACCENTS / VINES		
ASPARAGUS D. MYERS FOXTAIL FERN	5 GAL	32
EUPHORBIA TIRUCALLI FIRE STICKS	15 GAL	8
HESPERALOE 'PERPA' BRAKELIGHTS HESPERALOE	5 GAL	139
BOUGAINVILLEA 'B. KARST' BARBARA KARST BOUG.	15 GAL / SECURE TO PALM WITH ARBOR TIES	10

SHRUBS		
RUSSELIA EQUISETIFORMIS CORAL FOUNTAIN	5 GAL	25

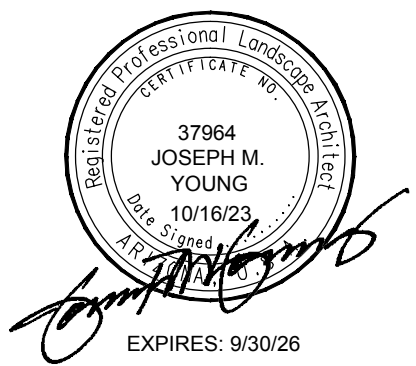
GROUND COVER		
EREMOPHILA G. 'MIGNEW GOLD' SUNRISE EMU	5 GAL	14
SETCREASEA PALLIDA PURPLE HEART	5 GAL	20
PORTULACARA AFRA ELEPHANTS FOOD	5 GAL	12

INERT MATERIALS		
DG DECOMPOSED GRANITE ROCK PROS USA 'FROST'	1/2" SCREENED 2" DEPTH	ALL LS AREAS

SCALE: 1" = 10'-0" 0' 10' 20'

PRELIMINARY LANDSCAPE PLAN

young | design | group
Landscape Architecture
+ Land Planning
7234 east shoeman lane
suite 8
scottsdale, arizona 85251
tel. 480.257.3312



THE DISTRICT
SCOTTSDALE | AZ | 85251

DATE: 10/16/23
JOB NO: 2326
DRAWN BY: JMY / CLF
CHECKED BY: JMY
REVISIONS: DATE:

SUBMITTED FOR:

PRELIMINARY
LANDSCAPE
PLAN

SHEET NO.

L1.1

2 OF 3

TRACKING NUMBERS:

LANDSCAPE CHARACTER



date palm

ACCENTS + VINES



fox tail fern



fire sticks



'brakelights' red yucca

ACCENTS + VINES



'barbara karst' bougainvillea

SHRUBS



coral fountain

GROUNDCOVER



sunrise emu

GROUNDCOVER



purple heart



elephants food

INERT MATERIALS



decomposed granite 'frost' (ROCK PROS)

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young | design | group
Landscape Architecture
+ Land Planning
7234 east shoeman lane
suite 8
scottsdale, arizona 85251
tel. 480.257.3312



THE DISTRICT
SCOTTSDALE | AZ | 85251

DATE:	10/16/23
JOB NO:	2326
DRAWN BY:	JMY / CLF
CHECKED BY:	JMY
REVISIONS:	DATE:

SUBMITTED FOR:

PRELIMINARY
LANDSCAPE
PLAN

SHEET NO.

L2.1

3 OF 3

TRACKING NUMBERS:

- C B M C -
LIGHTING
S LUTIONS

The District - Beach Club



Prepared By

Lynn Pannell - CBMC Lighting Solutions
(317) 7808350

lpannell@cbmcinc.com

5855 Kopetsky Drive, Suite G
Indianapolis, IN 46217, USA

Table of Contents

Datasheets

Type	Manufacturer	Model Number	Pg.
S01	INTENSE LIGHTING	V15R-P-24-ST4-P36-M	1
S02	ECOSENSE	L50-E-12-04-27-80-MULT-25X25	8
S03	CORE LIGHTING	LNT-65-F-HB-27K-24V	15
S05	SPJ LIGHTING	TITAN-XXX-6W-27K-12-15V	26
S05	SPJ LIGHTING	SPJ-RGD-MU-ATM	27
S06	BOVER	37001XXX127	28
S07	ZANIBONI	D2-LUNA2-13-27-80-6S-X-E-W	29
S09	CORONET LIGHTING	LS2_LED 4FT 27K MED UNV DB W	33
S09B	CORONET LIGHTING	LS2_LED 14FT 27K MED UNV DB W	37
S10	ELITE LIGHTING	RL641-1200L-DIM10-MVOLT-30K-90-WH	41
S11	VLT LIGHTING		43
S12	ELITE LIGHTING	24-FPL-BL-LED-3000L-4000L-5000L-DIM10-MVOLT-35K-40K-50K-85(4000L)	46
S13	SPJ LIGHTING	SPJ-AL2-16W	50
XX	ELITE LIGHTING	OWP-FC-116-LED-1500L-2800L-4000L-DIM10-120-347V-30K-40K-50K(1500L)	51



Job Name : The District - Beach Club
Manufacturer : INTENSE LIGHTING
Model Number : V15R-P-24-ST4-P36-M

Type :
S01

V15R-P

1.5" O.D. V-Rail Spot - Point Source

ELECTRICAL DATA (PER ENGINE)

Distribution	Nominal Delivered Lumens (Per Engine)	System Wattage	Efficiency
Wide Flood Symmetric Asymmetrical	L1: 150lm @ 3000K / 80CRI L1: 148lm @ 3000K / 80CRI	1.9W (Per Engine)	79 lm/W 78 lm/W
Wide Flood Symmetric Asymmetrical	L2: 211lm @ 3000K / 80CRI L2: 208lm @ 3000K / 80CRI	2.7W (Per Engine)	78 lm/W 77 lm/W

SERVICE

- Intense Lighting provides shop drawings/specifications to satisfy architects and electrical contractors when an order is placed
- Railing is fabricated to site specifications included in your order
- All light engines are assembled at the factory and shipped integral to the rail for ease of installation

CONSTRUCTION AND FINISH

- Internal Construction: Heavy duty Anodized 6082-T6 Aluminum Alloy
- External Rail Jacket: Available in 304 or 316 Stainless steel
- Standard finishes include #4 satin brushed stainless steel or powder coated silver, white, black, or bronze (AAMA 2604) Consult factory for custom material, custom polish finish, or custom powder coated finishes

DIMMING

- 0-10V 10%; Universal 120V-277V
- Lutron LTA2W Hi-Lume 2-Wire 1%; 120V only

LED LIGHT SOURCE

- High power chip scale package for high efficacy performance and energy conservation in a compact form factor
- 80 CRI 2700K, 3000K, 3500K or 4000K
- 3 Step MacAdam (3 SDCM)
- Rated life of >50,000 hours L70 based on LED testing per LM-80-08 and projected values using IESNA TM21-11
- Light engines are easily accessible for field maintenance

OPTICAL SYSTEM

- Patent pending fully integrated optical system and light shaping diffuser for up to 80% transmission efficiency with precise shaping, control and distribution of light
- High-impact acrylic lens is secured with (2) fasteners with recessed accessibility for tamper resistance. Dedicated optic distributions include asymmetric and wide flood symmetric

REMOTE MOUNTING POWER SUPPLY

- Configured per project requirements.
- Supplies 24V electronically stabilized power to LED's. U.L. Class 2 output for safe operation.
- Housed to NEMA rated enclosures (optional)

INTEGRAL POWER SUPPLY

Supplies 24V electronically stabilized power to LED's. U.L. Class 2 output for safe operation. Surface Mounted Post or embedded mounted Post are available. See mounting submittal sheets for detailed information.

MOUNTING / INSTALLATION

Wall, post, or embedded mount is available. See mounting submittal sheets for detailed information.

EMERGENCY

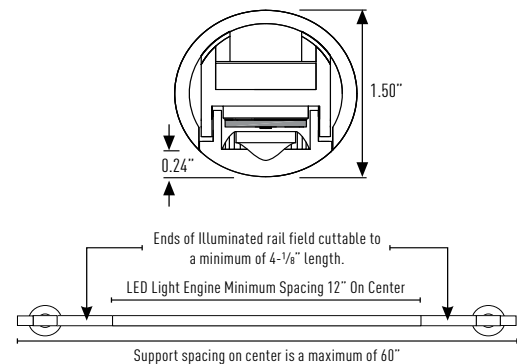
Remote emergency inverter available. Can be remote up to 1000 ft.

WARRANTY / LISTINGS

- 5-year Limited Warranty (LED & Power Supply Only)
- ETL Wet Location Listed
- IDA Approved
- ADA Compliant
- PATENT# 11,333,310 B2



JOB NAME	CATALOG NUMBER
NOTES	TYPE



V-Rail (Example: V15R-P12-ST4S4-P36M-L127WF-RD10UNV-EM3)

(Specify Quantity By Foot)

Series	Spacing On Center	Material	Finish	Mounting	Style	Output (Per Engine)	CCT/CRI
V15R-P	☐ 12 (12" Spacing) ☐ 24 (24" Spacing) ☐ 30 (30" Spacing) ☐ 36 (36" Spacing) ☐ 48 (48" Spacing) ☐ 60 (60" Spacing) ☐ C (Custom, Consult Factory)	☐ -ST4 (304 Stainless Steel) ☐ -ST6 ³ (316 Stainless Steel) ☐ -C (Custom, Consult Factory)	☐ S4 (Satin #4 Brushed Finish) ☐ W (White, Powder Coat) ☐ B (Black, Powder Coat) ☐ BR (Bronze, Powder Coat) ☐ SV (Silver, Powder Coat) ☐ C (Custom, Consult Factory)	☐ -P36 (34-38in, Post Mount) ☐ -P42 (42in, Post Mount) ☐ -E36 (34-38in, Embedded Mount) ☐ -E42 (42in, Embedded Mount) ☐ -WB ¹ (Wall Bracket) ☐ -GB ¹ (Glass / Guardrail Bracket) ☐ -C (Custom, Consult Factory)	☐ M (Modular) ☐ S (Seamless)	☐ -L1 (1.9W) ☐ -L2 (2.7W)	☐ 27 (2700K / 80CRI) ☐ 30 (3000K / 80CRI) ☐ 35 (3500K / 80CRI) ☐ 40 (4000K / 80CRI)

Beam	Style	Dimming	Voltage	Options
☐ WF (Wide Flood, Symmetric) ☐ AS (Asymmetric)	☐ -R (Remote Power Supply) ☐ -I ⁹ (Integral Power Supply)	☐ NON (Non-Dimming) ☐ D10 ⁶ (0-10V 10%) ☐ LUT2 ^{4,7,8} (Lutron LTA2W Hi-Lume 2-Wire 1%) ☐ C ⁶ (Custom, Consult Factory)	☐ UNV (Universal, 120V-277V) ☐ 120 (120V) ☐ 277 (277V) ☐ 347 ^{5,6} (347V-480V)	☐ -I (Infill, Consult Factory For Infill Options) ☐ -CU ⁸ (Curved Rail Layout. Consult Factory)

Emergency Accessories

- ☐ -EM1² (EM Backup 125W, [IB-IIS-125-SM](#))
- ☐ -EM3² (EM Backup 375W, [IB-IIS-375-LED](#))
- ☐ -EM5² (EM Backup 550W, [IB-IIS-550-I](#))
- ☐ -EM5HE (High Efficiency EM Backup 550WHE, [IB-IIS-550-HE](#))

Notes:

- Not compatible with integral driver option
- Compatible with 120V or 277V only
- Longer lead time may apply
- 120V Only
- Available in non-dimming only
- Remote Only
- Integral Only
- Consult Factory
- Must select Voltage; 120V or 277V

V-RAIL LHM-111622 P-1

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Job Name : The District - Beach Club
Manufacturer : INTENSE LIGHTING
Model Number : V15R-P-24-ST4-P36-M

Type :
S01

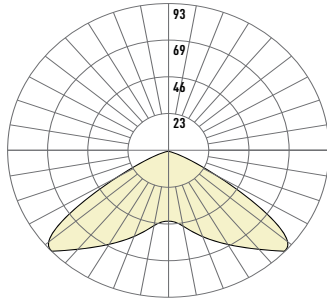
V15R-P

1.5" O.D. V-Rail Spot - Point Source

JOB NAME		CATALOG NUMBER	
NOTES		TYPE	

Symmetrical Distribution (Per Engine)
(L2: 2.7W at 3000K / 80 CRI)

PHOTOMETRIC CURVE:



Lumens: 211 lm
Efficacy: 78 lm/W

Wattage: 2.7W
CCT: 3000K / 80CRI

(5ft on Center / 36" Rail / 20ft Run)

1ft																				
1ft	1.2	1.1	1.0	1.1	1.3	1.3	1.1	1.0	1.0	1.3	1.3	1.1	1.0	1.1	1.3	1.3	1.1	1.0	1.1	1.2
	2.9	2.6	2.3	2.6	3.1	3.0	2.6	2.3	2.7	3.1	3.0	2.6	2.3	2.7	3.1	3.0	2.6	2.3	2.6	3.0
	4.5	4.2	4.0	4.3	4.7	4.7	4.3	4.0	4.3	4.7	4.7	4.3	4.0	4.3	4.7	4.7	4.3	4.0	4.3	4.6
	5.6	5.1	5.1	5.3	5.8	5.8	5.2	5.2	5.3	5.9	5.9	5.2	5.2	5.3	5.9	5.8	5.2	5.1	5.2	5.7
	5.9	5.8	6.0	5.7	6.1	6.1	5.9	6.0	5.8	6.1	6.2	5.9	6.0	5.8	6.1	6.1	5.9	6.0	5.7	5.9
	5.8	5.8	5.9	5.7	5.9	6.0	5.9	6.0	5.7	5.9	6.0	5.9	6.0	5.7	5.9	6.0	5.9	5.9	5.6	5.7
	5.3	5.0	5.0	5.7	5.4	5.5	5.1	5.0	4.9	5.4	5.5	5.1	5.0	4.9	5.4	5.5	5.1	5.0	4.8	5.2
	4.3	4.0	3.8	4.0	4.3	4.5	4.1	3.8	4.1	4.4	4.5	4.1	3.8	4.1	4.4	4.5	4.1	3.8	4.0	4.2
	2.8	2.4	2.2	2.5	2.9	2.9	2.5	2.2	2.5	2.9	2.9	2.5	2.2	2.5	2.9	2.9	2.5	2.2	2.4	2.8
	1.2	1.1	1.0	1.1	1.3	1.3	1.1	1.0	1.1	1.3	1.3	1.1	1.0	1.1	1.3	1.3	1.1	1.0	1.1	1.2
20 ft																				

(2ft on Center / 36" Rail / 20ft Run)

1ft																				
1ft	2.3	2.6	2.7	2.8	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.8	2.7	2.6	2.2
	5.5	6.2	6.5	5.7	6.8	6.8	6.8	6.9	6.8	6.9	6.8	6.9	6.8	6.9	6.8	6.8	6.7	6.6	6.2	5.4
	8.6	10.0	10.5	10.8	10.9	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	10.9	11.0	10.8	10.6	9.9	8.6
	10.6	12.2	13.1	13.4	13.6	13.6	13.7	13.6	13.7	13.6	13.7	13.6	13.7	13.6	13.7	13.5	13.5	13.1	12.3	10.5
	11.2	13.2	14.2	14.7	14.8	14.9	14.9	15.0	15.0	15.0	15.0	15.0	14.9	15.0	14.9	14.9	14.7	14.3	13.2	11.4
	11.1	13.0	14.0	14.4	14.6	14.7	14.7	14.7	14.8	14.8	14.8	14.7	14.8	14.7	14.7	14.6	14.5	14.0	13.0	11.1
	5.9	11.6	12.4	12.7	12.9	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	12.9	12.9	12.9	12.7	12.4	11.5	11.0
	8.1	8.3	10.0	10.1	10.4	10.3	10.4	10.3	10.5	10.3	10.5	10.3	10.4	10.3	10.4	10.2	10.3	9.9	5.4	8.1
	5.1	5.8	6.2	6.3	6.4	6.4	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.4	6.5	6.4	6.4	6.2	5.9	5.1
	2.2	2.5	2.7	2.7	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.7	2.7	2.5	2.2
20 ft																				

V-RAIL L/M-111622 P-2

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Job Name : The District - Beach Club
Manufacturer : INTENSE LIGHTING
Model Number : V15R-P-24-ST4-P36-M

Type :
S01

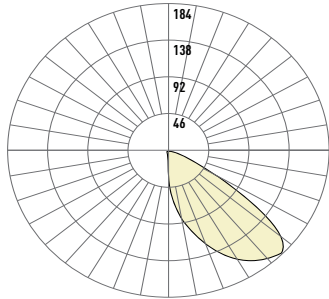
V15R-P

1.5" O.D. V-Rail Spot - Point Source

JOB NAME		CATALOG NUMBER	
NOTES		TYPE	

Asymmetrical Distribution (Per Engine)
(L2: 2.7W at 3000K / 80 CRI)

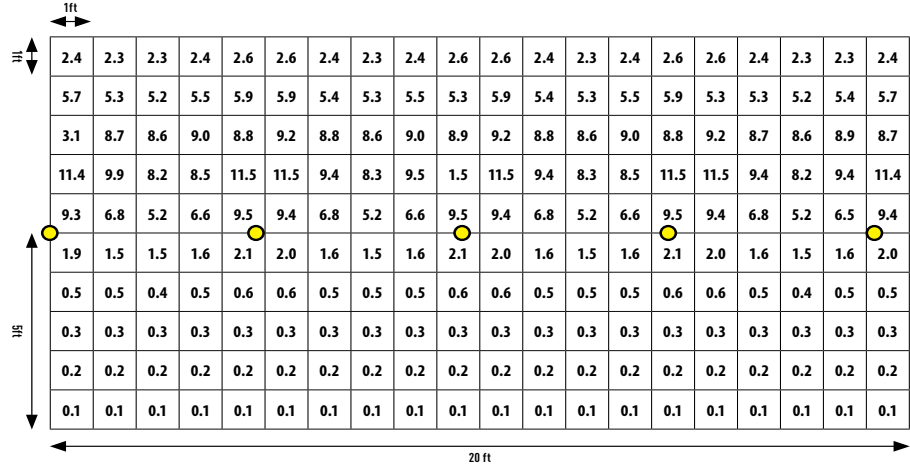
PHOTOMETRIC CURVE:



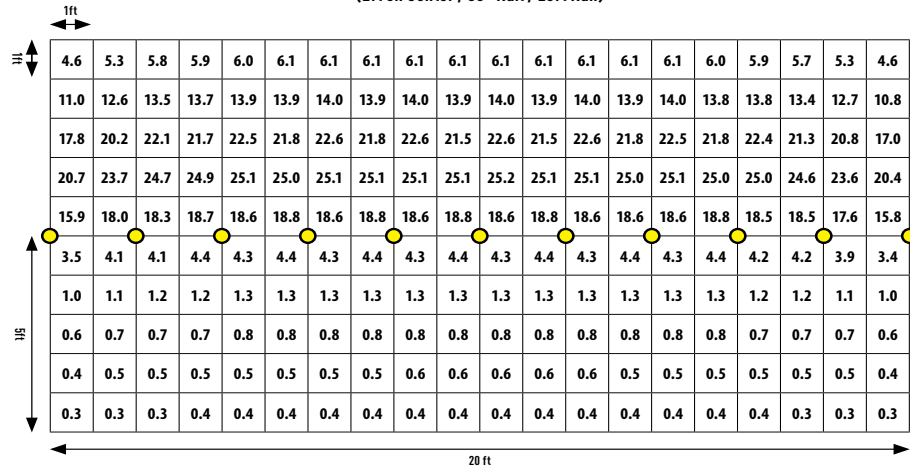
Lumens: 208 lm
Efficacy: 77 lm/W

Wattage: 2.7W
CCT: 3000K / 80CRI

(5ft on Center / 36" Rail / 20ft Run)



(2ft on Center / 36" Rail / 20ft Run)



V-RAIL L/M-111622 P-3

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LIGHTING



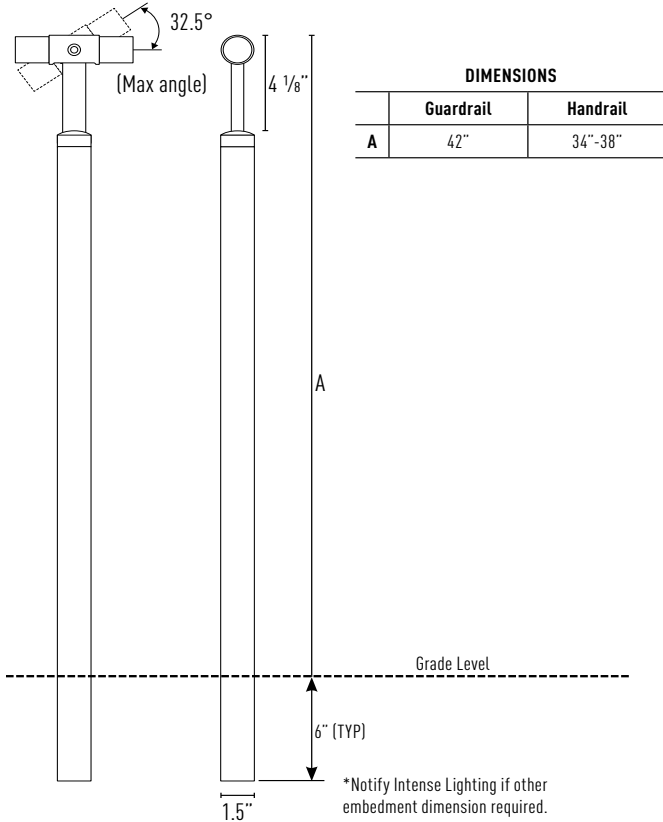
Job Name : The District - Beach Club
Manufacturer : INTENSE LIGHTING
Model Number : V15R-P-24-ST4-P36-M

Type :
S01

V15R-P

1.5" O.D. Remote Post Embedded Assembly

JOB NAME		CATALOG NUMBER	
NOTES		TYPE	



CONSTRUCTION AND FINISH

Embedded mount assembly is available in 304 or 316 No.4 polished stainless steel. Periodic cleaning is required to preserve stainless finish. 316 Stainless Steel is recommended for installations in coastal areas, near bodies of water, or other harsh environments. Available finishes include #4 satin or powder coated silver, white, black and bronze (AAMA 2604). Consult factory for custom material, custom polish finish, or custom powder coated finishes.

MOUNTING / INSTALLATION

Post are to be spaced at a maximum of 60" on centers. Embedded mount post are set into place using Rockite® or Kwixset® anchor cement. A minimum of 6" post must be embedded into concrete to structurally secure post. Anchoring means and size must be determined by local codes. Not to be supplied or engineered by Intense Lighting. See Embedded Mount Installation detail for more information.

FITTINGS

Consult factory for standard fittings and epoxy weld adhesive.

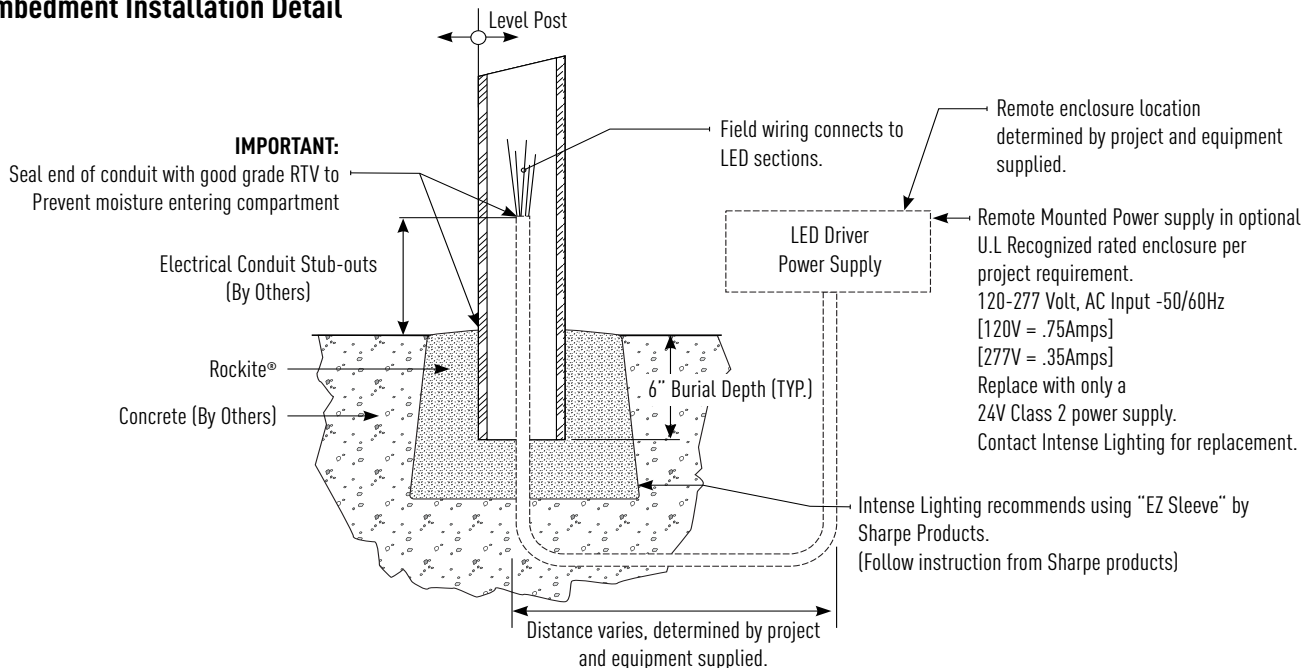
INFILL OPTIONS

V-Rail is compatible with multiple infill options. Infill can be supplied by Intense Lighting or others. Custom infills supplied by Intense Lighting may require a structural analysis, please contact factory. Post apacing maximum may vary depending on infill chosen.

INFILL OPTIONS



Embedment Installation Detail



V-RAIL L/M-111622 P-4

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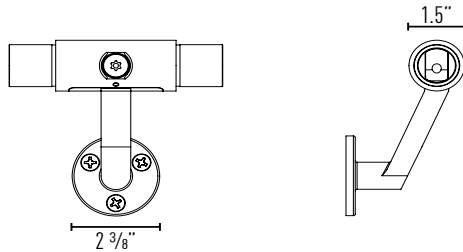


Job Name : The District - Beach Club
Manufacturer : INTENSE LIGHTING
Model Number : V15R-P-24-ST4-P36-M

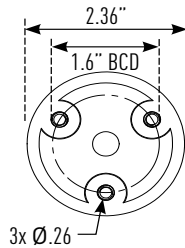
Type :
S01

V15R-P

1.5" O.D. Remote Wall Mount Assembly



WALL BRACKET SPECIFICATION



JOB NAME		CATALOG NUMBER	
NOTES		TYPE	

CONSTRUCTION AND FINISH

Wall mount assembly is available in No.4 polished 304 stainless steel. Periodic cleaning is required to preserve stainless finish. 316 Stainless Steel is recommended for installations in coastal areas, near bodies of water, or other harsh environments. Available finishes include #4 satin or powder coated silver, white, black and bronze (AAMA 2604). Consult factory for custom material, custom polish finish, or custom powder coated finishes.

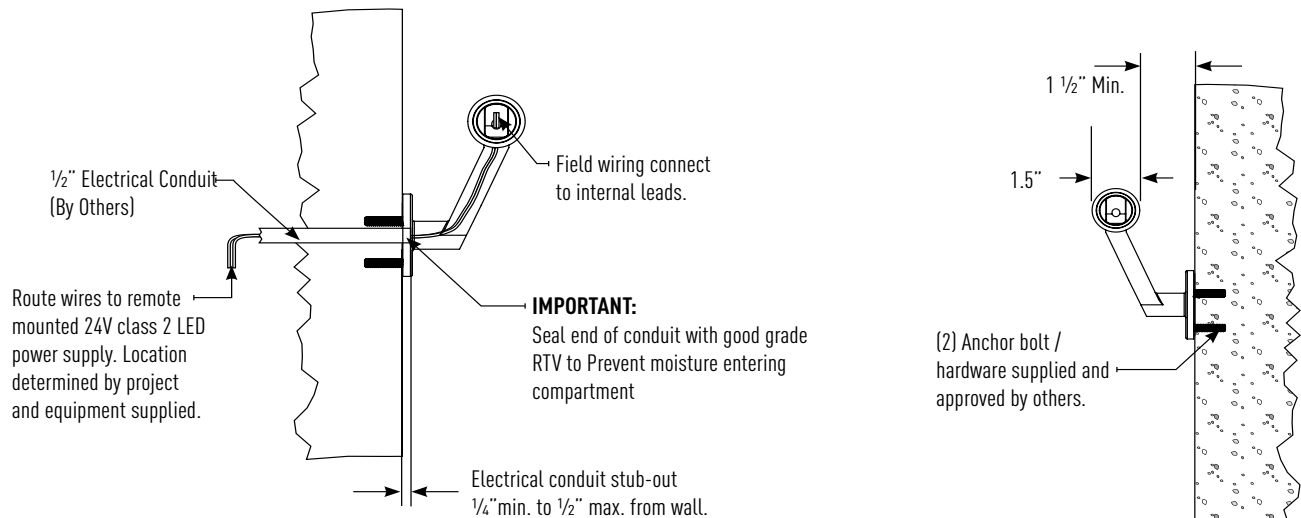
MOUNTING / INSTALLATION

Supports are to be spaced at a maximum of 60" on centers. Wall mount assembly is to be mounted to concrete wall utilizing anchor bolts (supplied by others). Anchoring means and size must be determined by local codes. Not to be supplied or engineered by Intense Lighting. See Wall Mount Installation detail for more information. Anchorage template available by request.

FITTINGS

Consult factory for standard fittings and epoxy weld adhesive.

Wall Mounted Installation Detail



V-RAIL L/M-111622 P-5

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Job Name : The District - Beach Club
Manufacturer : INTENSE LIGHTING
Model Number : V15R-P-24-ST4-P36-M

Type :
S01

V15R-P

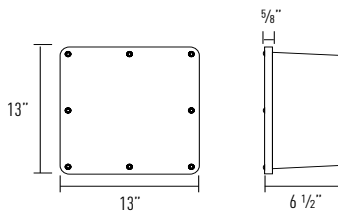
Remote Power Supply - Multiple Output Wet Location Enclosure

Nema 4x UL Listed Outdoor Rated PVC Boxes

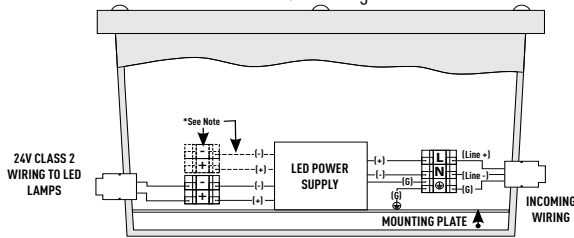
Non-Corroding, Non-Conducting, Fire Resistant, Concrete Tight



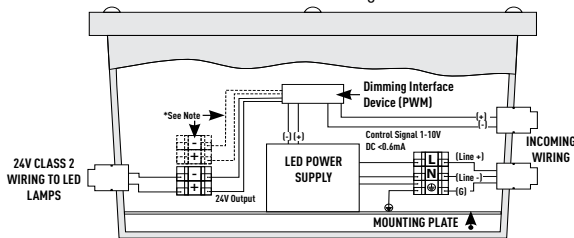
Suitable for Surface Mount and Recessed Mount



LED Remote Power Supply "No Dimming"



LED Remote Power Supply "With Dimming"



Wire gauge to be determined per project. Voltage drop occurs with distance. Any change in wire length requires re-engineering.

*Notes: Dash lines represent additional outputs when supplied per project.

All components inside enclosure are supplied by Intense Lighting.

External connections and means to be determined by the local authority having jurisdiction. Not to be engineered or supplied by Intense Lighting.

JOB NAME		CATALOG NUMBER	
NOTES		TYPE	

IVR-RPS-1-0T96 - (1) 96W 120/277V (1) 24V Outputs

IVR-RPS-2-0T96 - (2) 96W 120/277V (2) 24V Outputs

FEATURES

- Protected against open circuit, short circuit, overload and overheating issues
- Universal 120-277V input
- Suitable for damp and wet locations
- Easy connectivity to terminal blocks
- Integrated 0-10V dimming available

SPECIFICATIONS

- Input Power: 108-305VAC, 50/60 Hz, .91A @ 120VAC
- Output Power: 96W 24V DC
- Ambient Temperature Range: -22°F to 158°F (-30°C to 70°C)*
- Classification: Class 2
- Protection Rating: IP66

NOTES:

1. IB-0T96 Only

IVR-RPS-1-ADV24V-347 - (1) 96W 347V (1) 24V Outputs

IVR-RPS-2-ADV24V-347 - (2) 96W 347V (2) 24V Outputs

FEATURES

- Protected against open circuit, short circuit, overload and overheating issues
- Ideal for projects in USA with 480V input
- Ideal for projects in Canada with 347V input

SPECIFICATIONS

- Input Power: 347-480VAC,
- Output Power: 100W 24V DC
- Ambient Temperature Range: -40°C to 65°C
- Classification: Class 2
- Protection Rating: IP66

V-RAIL L/M-111622 P-6

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Job Name : The District - Beach Club
Manufacturer : INTENSE LIGHTING
Model Number : V15R-P-24-ST4-P36-M

Type :
S01

V15R-P

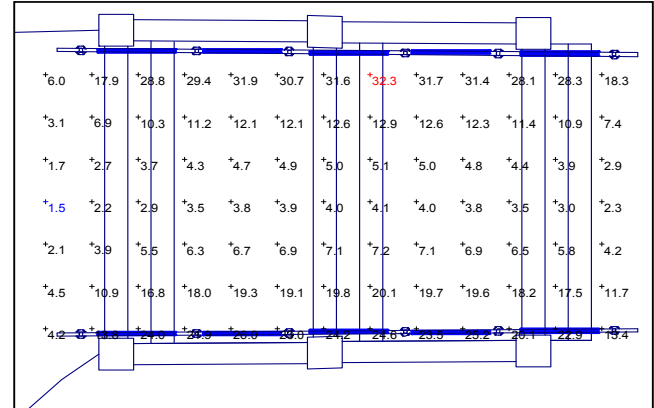
1.5" O.D. V-Rail Spot - Point Source

Specification and Delivery Process

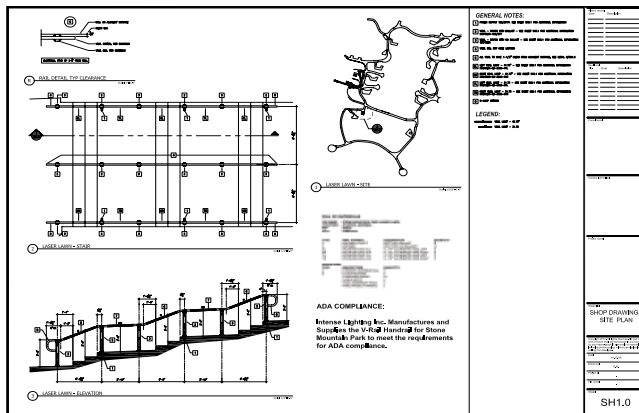
Architectural drawings or detailed elevation drawings are required for a V-Rail quotation. A photometric layout will be provided if requested. Once an order is placed, Intense Lighting will provide detailed shop drawings for approval.

V-Rail will be delivered to the job site ready for installation. A detailed assembly drawing will be provided along with dimensions for remote power supplies. All products included will be labeled clearly to match the assembly drawing. Certain tools and equipment will be required for the assembly of V-Rail. A detailed list of tools can be found in the V-Rail Installation Guide. Installation guide available upon request, consult factory.

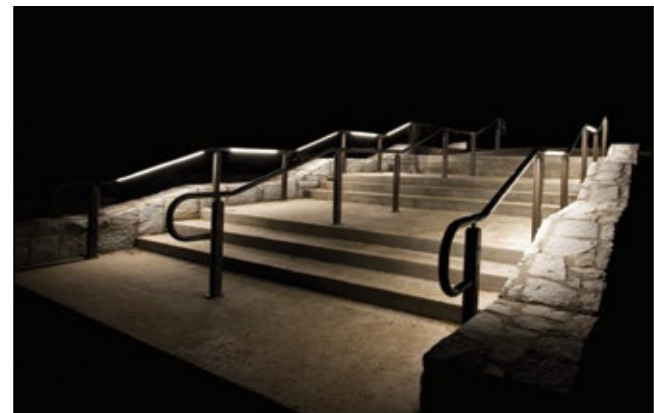
JOB NAME		CATALOG NUMBER	
NOTES		TYPE	



Photometric Layout



Shop Drawing / Assembly Guide



Completed Project

V-RAIL L/M-111522 P-7

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Job Name : The District - Beach Club
Manufacturer : ECOSENSE
Model Number : L50-E-12-04-27-80-MULT-25X25

Type :
S02

ECOSENSE®

TROV®

ORDERING

INTERIOR + EXTERIOR | L50

DATE	PROJECT				FIRM		TYPE			
MODEL/ SIZE	INTERIOR/ EXTERIOR	LENGTH	POWER	CCT	CRI	VOLTAGE	OPTICS			
L50						MULT				
L50	I E	12" 48"	02 04 06 08 10 12	WHITE CCT 22 27 30 35 40 50	MONO COLOR GR**** BL AM RD***	80 90* Blank For Color	MULT (120-277V)	GRAZING 9 x 9 9 x 17 9 x 29 9 x 59 15 x 15 15 x 23 15 x 35 15 x 65 COVE 120** Asym	LINE OF LIGHT LOL WASHING 25 x 25 25 x 33 25 x 45 25 x 75 39 x 9 55 x 25 40 x 40 40 x 48	40 x 60 40 x 90 45 x 15 70 x 40 70 x 70

EXAMPLE: L50-I-48-10-27-90-MULT-15x65 *90 CRI not available in 2200K or 5000K **120 is only available with Exterior option. See L35 spec sheet for interior cove options. ***Red is not available in 12W or 10W. ****Green is not available in 12W.

PHOTOMETRY CHARACTERISTICS

Photometric testing done by an independent lab in accordance with current IES published Procedures. Lumen measurements comply with IES LM-79 - 08. Some IES files are generated by multiplying tested IES files with a calculated lumen values. IES data is available at www.ecosenselighting.com

80CRI

L50 2W	9x9	9x17	9x29	9x59	39x9	15x15	15x23	15x35	15x65	45x15	25x25	25x33	25x45	25x75	55x25	40x40	40x48	40x60	40x90	70x40	70x70	120	LOL	ASYM
2200K																								
Lumens/LF	127	123	126	111	122	111	111	108	106	109	116	111	114	107	112	111	113	112	107	113	125	88	67	99
Efficacy	64	62	63	55	61	55	55	54	53	55	58	55	57	53	56	55	57	56	53	57	62	44	34	50
CBCP	2420	1158	708	278	598	421	335	232	117	203	251	224	191	97	162	124	118	110	68	110	60	29	23	82
2700K																								
Lumens/LF	149	144	147	130	143	130	130	127	124	128	135	130	134	125	131	130	133	131	125	133	146	103	79	116
Efficacy	74	72	74	65	71	65	65	63	62	64	68	65	67	63	66	65	66	66	63	66	73	51	39	58
CBCP	2833	1356	829	325	700	493	393	272	137	238	294	262	224	113	189	145	138	129	80	129	71	34	27	96
3000K																								
Lumens/LF	155	150	154	135	149	135	135	132	129	133	141	135	140	130	136	135	138	136	130	138	152	107	82	121
Efficacy	78	75	77	67	74	67	67	66	64	67	71	67	70	65	68	67	69	68	65	69	76	54	41	60
CBCP	2951	1413	864	339	729	513	409	283	143	248	306	273	233	118	197	151	144	134	83	134	74	36	28	100
3500K																								
Lumens/LF	161	156	160	140	155	140	140	137	134	139	147	140	145	135	142	140	144	142	135	144	158	111	85	126
Efficacy	81	78	80	70	77	70	70	69	67	69	73	70	73	68	71	70	72	71	68	72	79	56	43	63
CBCP	3069	1469	899	352	758	534	425	295	149	257	318	284	243	123	205	157	149	139	87	140	77	37	29	104
4000K																								
Lumens/LF	160	155	158	139	153	139	139	136	133	137	145	139	144	134	141	139	142	141	134	142	157	110	85	125
Efficacy	80	77	79	69	77	69	69	68	66	69	73	69	72	67	70	69	71	70	67	71	78	55	42	62
CBCP	3039	1455	890	349	751	529	421	292	147	255	315	282	240	122	203	156	148	138	86	138	76	37	28	103
5000K																								
Lumens/LF	138	134	137	120	133	120	120	117	115	119	126	120	124	116	121	120	123	121	116	123	135	95	73	108
Efficacy	69	67	68	60	66	60	60	59	57	59	63	60	62	58	61	60	61	61	58	61	68	48	37	54
CBCP	2626	1257	769	301	649	457	364	252	127	220	272	243	208	105	176	134	128	119	74	119	66	32	25	89

L50 4W	9x9	9x17	9x29	9x59	39x9	15x15	15x23	15x35	15x65	45x15	25x25	25x33	25x45	25x75	55x25	40x40	40x48	40x60	40x90	70x40	70x70	120	LOL	ASYM	
2200K	Lumens/LF	313	304	310	272	301	272	272	266	260	269	285	272	282	263	275	272	279	275	263	279	307	216	166	244
	Efficacy	78	76	77	68	75	68	68	67	65	67	71	68	70	66	69	68	70	69	66	70	77	54	41	61
	CBCP	5956	2852	1744	683	1472	1036	825	572	289	500	617	552	471	238	398	305	290	271	168	271	149	72	56	201
2700K	Lumens/LF	366	355	363	319	352	319	319	312	304	315	334	319	330	308	323	319	326	323	308	326	359	253	194	286
	Efficacy	92	89	91	80	88	80	80	78	76	79	83	80	82	77	81	80	82	81	77	82	90	63	49	71
	CBCP	6973	3338	2042	800	1723	1213	966	670	338	585	723	646	551	279	466	357	339	317	197	317	174	84	65	235
3000K	Lumens/LF	382	370	378	332	366	332	332	324	317	328	347	332	344	321	336	332	340	336	321	340	374	263	202	298
	Efficacy	95	93	94	83	92	83	83	81	79	82	87	83	86	80	84	83	85	84	80	85	94	66	51	74
	CBCP	7263	3477	2127	833	1795	1264	1007	697	352	609	753	673	574	290	486	372	353	330	205	330	181	88	68	245
3500K	Lumens/LF	397	385	393	345	381	345	345	337	330	341	361	345	357	334	349	345	353	349	334	353	389	274	210	310
	Efficacy	99	96	98	86	95	86	86	84	82	85	90	86	89	83	87	86	88	87	83	88	97	68	53	77
	CBCP	7554	3617	2212	867	1866	1314	1047	725	366	634	783	700	597	302	505	387	368	343	213	344	189	91	71	255
4000K	Lumens/LF	393	381	389	342	377	342	342	334	326	338	358	342	354	330	346	342	350	346	330	350	385	271	208	307
	Efficacy	98	95	97	86	94	86	86	84	82	85	89	86	88	83	87	86	87	83	87	96	68	52	77	
	CBCP	7481	3582	2190	858	1848	1302	1037	718	363	628	776	693	591	299	500	383	364	340	211	340	187	91	70	252
5000K	Lumens/LF	340	330	336	296	326	296	296	289	282	292	309	296	306	285	299	296	302	299	285	302	333	234	180	265
	Efficacy	84	82	84	74	82	74	74	72	71	73	77	74	76	71	75	74	76	75	71	76	83	59	45	66
	CBCP	6464	3095	1893	742	1597	1125	896	621	313	542	670	599	511	259	432	331	314	294	182	294	161	78	61	218

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FREEDOM TO CREATE™

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1/7



Job Name : The District - Beach Club

Manufacturer : ECOSENSE

Model Number : L50-E-12-04-27-80-MULT-25X25

Type :
S02

ECOSENSE®

TROV®

ORDERING

INTERIOR + EXTERIOR | L50

DATE	PROJECT	FIRM	TYPE
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80CRI

L50 6W	9x9	9x17	9x29	9x59	39x9	15x15	15x23	15x35	15x65	45x15	25x25	25x33	25x45	25x75	55x25	40x40	40x48	40x60	40x90	70x40	70x70	120	LOL	ASYM
2200K																								
Lumens/LF	499	484	494	434	479	434	434	424	414	429	454	434	449	419	439	434	444	439	419	444	489	344	264	389
Efficacy	83	81	82	72	80	72	71	72	69	72	76	72	75	70	73	72	74	73	70	74	81	57	44	65
CBCP	9492	4545	2779	1089	2345	1652	1315	912	460	796	984	880	750	380	635	486	462	431	268	432	237	115	89	320
2700K																								
Lumens/LF	584	567	578	508	561	508	508	496	485	502	532	508	526	491	514	508	520	514	491	520	572	403	310	456
Efficacy	97	94	96	85	93	85	85	83	81	84	89	85	88	82	86	85	87	86	82	87	95	67	52	76
CBCP	11113	5321	3254	1275	2746	1934	1540	1067	539	932	1152	1030	879	444	743	569	541	505	314	506	277	134	104	375
3000K																								
Lumens/LF	608	590	602	529	584	529	529	517	505	523	554	529	548	511	535	529	542	535	511	542	596	420	322	475
Efficacy	101	98	100	88	97	88	88	86	84	87	92	88	91	85	89	88	90	89	85	90	99	70	54	79
CBCP	11576	5542	3389	1328	2860	2014	1604	1112	561	971	1200	1073	915	463	774	592	563	526	327	527	289	140	108	391
3500K																								
Lumens/LF	633	614	626	551	607	551	551	538	525	544	576	551	569	532	557	551	563	557	532	563	620	437	335	494
Efficacy	105	102	104	92	101	92	92	90	88	91	96	92	95	89	93	92	94	93	89	94	103	73	56	82
CBCP	12039	5764	3525	1381	2974	2095	1668	1156	584	1010	1248	1116	952	481	805	616	586	547	340	548	300	146	113	406
4000K																								
Lumens/LF	627	608	620	545	602	545	545	533	520	539	570	545	564	526	551	545	558	551	526	558	614	432	332	489
Efficacy	104	101	103	91	100	91	91	89	87	90	95	91	94	88	92	91	93	92	88	93	102	72	55	81
CBCP	11923	5709	3491	1368	2946	2075	1652	1145	578	1000	1236	1105	943	477	805	610	580	542	337	543	298	144	112	402
5000K																								
Lumens/LF	542	525	536	471	520	471	471	460	449	466	493	471	487	455	477	471	482	477	455	482	531	374	287	422
Efficacy	90	88	89	79	87	79	79	77	75	78	82	79	81	76	79	79	80	79	76	80	88	62	48	70
CBCP	10302	4933	3017	1182	2545	1793	1428	989	499	864	1068	955	814	412	689	527	501	468	291	469	257	125	96	348

L50 8W	9x9	9x17	9x29	9x59	39x9	15x15	15x23	15x35	15x65	45x15	25x25	25x33	25x45	25x75	55x25	40x40	40x48	40x60	40x90	70x40	70x70	120	LOL	ASYM
2200K																								
Lumens/LF	695	674	688	604	667	604	604	590	576	597	632	604	625	583	611	604	618	611	583	618	681	479	368	542
Efficacy	87	84	86	76	83	76	74	72	72	75	79	76	78	73	76	76	77	76	73	77	85	60	46	68
CBCP	13214	6327	3869	1516	3265	2299	1831	1269	641	1108	1370	1224	1045	528	884	676	643	600	373	601	330	160	124	446
2700K																								
Lumens/LF	813	789	805	707	781	707	707	691	675	699	740	707	732	683	716	707	724	716	683	724	797	561	431	634
Efficacy	102	99	101	88	98	88	88	86	84	87	92	88	91	85	89	88	90	89	85	90	100	70	54	79
CBCP	15471	7407	4530	1775	3822	2692	2144	1486	750	1298	1604	1434	1223	619	1035	792	753	703	437	704	386	187	145	522
3000K																								
Lumens/LF	847	822	839	737	813	737	737	720	703	728	771	737	762	712	745	737	754	745	712	754	830	584	449	661
Efficacy	106	103	105	92	102	92	90	88	86	91	96	92	95	89	93	92	94	93	89	94	104	73	56	83
CBCP	16115	7716	4718	1849	3982	2804	2233	1584	781	1352	1671	1493	1274	644	1078	825	784	732	455	733	402	195	151	544
3500K																								
Lumens/LF	881	854	872	766	846	766	766	749	731	758	802	766	793	740	775	766	784	775	740	784	863	608	467	687
Efficacy	110	107	109	96	106	96	94	91	89	95	100	96	99	92	97	96	98	97	92	98	108	76	58	86
CBCP	16760	8024	4907	1923	4141	2916	2323	1609	812	1406	1738	1553	1325	670	1121	858	815	761	473	763	418	203	157	566
4000K																								
Lumens/LF	872	846	864	759	838	759	759	742	724	750	794	759	785	733	768	759	776	768	733	776	855	602	462	681
Efficacy	109	106	108	95	105	95	95	93	91	94	99	95	98	92	96	95	97	96	92	97	107	75	58	85
CBCP	16599	7947	4860	1905	4101	2888	2300	1594	805	1392	1721	1538	1312	664	1110	849	808	754	469	755	414	201	155	560
5000K																								
Lumens/LF	754	731	746	656	724	656	656	641	626	648	686	656	678	633	663	656	671	663	633	671	739	520	400	588
Efficacy	94	91	93	82	90	82	82	80	78	81	86	82	85	79	83	82	84	83	79	84	92	65	50	74
CBCP	14342	6867	4199	1646	3544	2496	1988	1377	695	1203	1487	1329	1134	574	959	734	698	651	405	653	358	174	134	484

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2/7



Job Name : The District - Beach Club
Manufacturer : ECOSENSE
Model Number : L50-E-12-04-27-80-MULT-25X25

Type :
S02

ECOSENSE®

TROV®

ORDERING

INTERIOR + EXTERIOR | L50

DATE	PROJECT	FIRM	TYPE
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80CRI

L50 10W

	9x9	9x17	9x29	9x59	39x9	15x15	15x23	15x35	15x65	45x15	25x25	25x33	25x45	25x75	55x25	40x40	40x48	40x60	40x90	70x40	70x70	120	LOL	ASYM
2200K																								
Lumens/LF	841	816	833	732	808	732	732	715	698	724	766	732	757	707	740	732	749	740	707	749	824	580	446	656
Efficacy	84	82	83	73	81	73	73	72	70	72	77	73	76	71	74	73	75	74	71	75	82	58	45	66
CBCP	16006	7664	4687	1837	3955	2785	2218	1537	776	1343	1659	1483	1265	640	1071	819	779	727	452	728	399	194	150	540
2700K																								
Lumens/LF	985	955	975	857	946	857	857	837	818	847	896	857	886	827	867	857	877	867	827	877	965	680	522	768
Efficacy	98	96	98	86	95	86	86	84	82	85	90	86	89	83	87	86	88	87	83	88	97	68	52	77
CBCP	18739	8972	5487	2150	4630	3260	2597	1800	908	1572	1943	1736	1481	749	1253	959	912	851	529	853	468	227	175	632
3000K																								
Lumens/LF	1026	995	1016	893	985	893	893	872	852	882	934	893	923	862	903	893	913	903	862	913	1005	708	544	800
Efficacy	103	100	102	89	98	89	89	87	85	88	93	89	92	86	90	89	91	90	86	91	101	71	54	80
CBCP	19520	9346	5715	2240	4823	3396	2705	1874	946	1637	2024	1809	1543	781	1306	999	950	887	551	888	487	236	183	659
3500K																								
Lumens/LF	1067	1035	1056	928	1024	928	928	907	886	918	971	928	960	896	939	928	950	939	896	950	1046	736	566	832
Efficacy	107	104	106	93	102	93	93	91	89	92	97	93	96	90	94	93	95	94	90	95	105	74	57	83
CBCP	20300	9720	5944	2330	5016	3532	2813	1949	984	1703	2105	1881	1605	812	1358	1039	988	922	573	924	507	246	190	685
4000K																								
Lumens/LF	1057	1025	1046	919	1014	919	919	898	877	909	962	919	951	888	930	919	941	930	888	941	1036	729	560	824
Efficacy	106	103	105	92	101	92	92	90	88	91	96	92	95	89	93	92	94	93	89	94	104	73	56	82
CBCP	20105	9626	5887	2307	4967	3498	2786	1931	975	1686	2084	1863	1589	804	1345	1029	978	913	568	915	502	243	188	678
5000K																								
Lumens/LF	913	886	904	794	877	794	794	776	758	785	831	794	822	767	804	794	813	804	767	813	895	630	484	712
Efficacy	91	89	90	79	88	79	79	78	76	79	83	79	82	77	80	79	81	80	77	81	89	63	48	71
CBCP	17373	8313	5087	1994	4292	3023	2407	1668	842	1457	1801	1610	1373	695	1162	889	845	789	490	790	434	210	163	586

L50 12W

	9x9	9x17	9x29	9x59	39x9	15x15	15x23	15x35	15x65	45x15	25x25	25x33	25x45	25x75	55x25	40x40	40x48	40x60	40x90	70x40	70x70	120	LOL	ASYM
2200K																								
Lumens/LF	978	949	968	851	939	851	851	832	812	841	890	851	880	822	861	851	871	861	822	871	959	675	518	763
Efficacy	82	79	81	71	78	71	71	69	68	70	74	71	73	68	72	71	73	72	68	73	80	56	43	64
CBCP	186112	8911	5450	2136	4598	3238	2579	1787	902	1561	1930	1725	1471	744	1245	952	906	845	525	847	465	225	174	628
2700K																								
Lumens/LF	1145	1111	1134	996	1099	996	996	973	951	985	1042	996	1031	962	1008	996	1019	1008	962	1019	1122	790	607	893
Efficacy	95	93	94	83	92	83	83	81	79	82	87	83	86	80	84	83	85	84	80	85	94	66	51	74
CBCP	21789	10432	6380	2500	5384	3791	3020	2092	1056	1828	2259	2019	1723	871	1457	1115	1060	990	615	991	544	264	204	735
3000K																								
Lumens/LF	1193	1157	1181	1038	1145	1038	1038	1014	990	1026	1086	1038	1074	1002	1050	1038	1062	1050	1002	1062	1169	823	632	931
Efficacy	99	96	98	86	95	86	86	85	83	85	90	86	89	84	87	86	88	87	84	88	97	69	53	78
CBCP	22697	10867	6646	2605	5608	3949	3145	2180	1100	1904	2353	2103	1794	908	1518	1161	1104	1031	641	1033	566	275	212	766
3500K																								
Lumens/LF	1241	1203	1228	1079	1191	1079	1079	1055	1030	1067	1129	1079	1117	1042	1092	1079	1104	1092	1042	1104	1216	856	658	968
Efficacy	103	100	102	90	99	90	90	88	86	89	94	90	93	87	91	90	92	91	87	92	101	71	55	81
CBCP	23605	11302	6912	2709	5832	4107	3271	2267	1144	1980	2447	2187	1866	944	1579	1208	1148	1072	666	1074	589	286	221	797
4000K																								
Lumens/LF	1229	1192	1217	1069	1180	1069	1069	1044	1020	1057	1118	1069	1106	1032	1081	1069	1094	1081	1032	1094	1204	848	651	958
Efficacy	102	99	101	89	98	89	89	87	85	88	93	89	89	84	87	89	91	90	86	91	100	71	54	80
CBCP	23378	11193	6845	2683	5776	4068	3240	2245	1133	1961	2424	2166	1848	935	1564	1196	1137	1062	660	1064	583	283	219	789
5000K																								
Lumens/LF	1062	1030	1051	924	1019	924	924	903	881	913	966	924	956	892	934	924	945	934	892	945	1041	733	563	828
Efficacy	88	86	88	77	85	77	77	75	73	76	81	77	80	74	78	77	79	78	74	79	87	61	47	69
CBCP	20201	9672	5915	2318	4991	3515	2799	1940	979	1694	2094	1872	1597	808	1351	1034	983	918	570	919	504	244	189	682

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Job Name : The District - Beach Club
Manufacturer : ECOSENSE
Model Number : L50-E-12-04-27-80-MULT-25X25

Type :
S02

ECOSENSE®

TROV®

ORDERING

INTERIOR + EXTERIOR | L50

DATE	PROJECT	FIRM	TYPE
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90CRI

L50 2W	9x9	9x17	9x29	9x59	39x9	15x15	15x23	15x35	15x65	45x15	25x25	25x33	25x45	25x75	55x25	40x40	40x48	40x60	40x90	70x40	70x70	120	LOL	ASYM
2700K																								
Lumens/LF	115	111	114	100	110	100	100	98	95	99	104	100	103	96	101	100	102	101	96	102	112	79	61	90
Efficacy	57	56	57	50	55	50	50	49	48	49	52	50	52	48	50	50	51	50	48	51	56	40	30	45
CBCP	2183	1045	639	251	539	380	303	210	106	183	226	202	173	87	146	112	106	99	62	99	54	26	20	74
3000K																								
Lumens/LF	123	119	121	107	118	107	107	104	102	105	111	107	110	103	108	107	109	108	103	109	120	85	65	96
Efficacy	61	59	61	53	59	53	53	52	51	53	56	53	55	51	54	53	55	54	51	55	60	42	32	48
CBCP	2331	1116	683	267	576	406	323	224	113	196	242	216	184	93	156	119	113	106	66	106	58	28	22	79
3500K																								
Lumens/LF	126	122	124	109	121	109	109	107	104	108	114	109	113	106	111	109	112	111	106	112	123	87	67	98
Efficacy	63	61	62	55	60	55	55	53	52	54	57	55	57	53	55	55	56	55	53	56	62	43	33	49
CBCP	2390	1144	700	274	591	416	331	230	116	200	248	221	189	96	160	122	116	109	67	109	60	29	22	81
4000K																								
Lumens/LF	129	125	127	112	124	112	109	107	111	117	112	112	116	108	113	112	115	113	108	115	126	89	68	100
Efficacy	64	62	64	56	62	56	56	55	53	55	59	56	58	54	57	56	57	57	54	57	63	44	34	50
CBCP	2449	1173	717	281	605	426	339	235	119	205	254	227	194	98	164	125	119	111	69	111	61	30	23	83

L50 4W	9x9	9x17	9x29	9x59	39x9	15x15	15x23	15x35	15x65	45x15	25x25	25x33	25x45	25x75	55x25	40x40	40x48	40x60	40x90	70x40	70x70	120	LOL	ASYM
2700K																								
Lumens/LF	283	274	280	246	271	246	246	240	234	243	257	246	254	237	249	246	251	249	237	251	277	195	150	220
Efficacy	71	69	70	61	68	61	61	60	59	61	64	61	64	59	62	61	63	62	59	63	69	49	37	55
CBCP	5375	2573	1574	617	1328	935	745	516	261	451	557	498	425	215	359	275	261	244	152	245	134	65	50	181
3000K																								
Lumens/LF	302	293	299	262	290	262	262	256	250	259	274	262	271	253	265	262	268	265	253	268	296	208	160	235
Efficacy	75	73	75	66	72	66	66	64	63	65	69	66	68	63	66	66	67	66	63	67	74	52	40	59
CBCP	5738	2747	1680	658	1418	998	795	551	278	481	595	532	454	229	384	294	279	261	162	261	143	69	54	194
3500K																								
Lumens/LF	309	300	306	269	297	269	269	263	257	266	281	269	278	260	272	269	275	272	260	275	303	213	164	241
Efficacy	77	75	77	67	74	67	67	66	64	66	70	67	70	65	68	67	69	68	65	69	76	53	41	60
CBCP	5883	2817	1723	675	1454	1024	815	565	285	493	610	545	465	235	394	301	286	267	166	268	147	71	55	199
4000K																								
Lumens/LF	317	307	314	276	304	276	269	263	273	288	276	285	266	279	276	282	279	266	282	311	219	168	247	
Efficacy	79	77	78	69	76	69	69	67	66	68	72	69	71	67	70	69	71	70	67	71	78	55	42	62
CBCP	6028	2886	1765	692	1489	1049	835	579	292	506	625	559	477	241	403	308	293	274	170	274	150	73	56	203
5000K																								
Lumens/LF	450	437	446	392	432	392	392	383	374	387	410	392	405	378	396	392	401	396	378	401	441	311	239	351
Efficacy	75	73	74	65	72	65	65	64	62	65	68	65	68	63	66	65	67	66	63	67	74	52	40	59
CBCP	8566	4101	2508	983	2116	1490	1187	823	415	719	888	794	677	343	573	438	417	389	242	390	214	104	80	289

L50 6W	9x9	9x17	9x29	9x59	39x9	15x15	15x23	15x35	15x65	45x15	25x25	25x33	25x45	25x75	55x25	40x40	40x48	40x60	40x90	70x40	70x70	120	LOL	ASYM
2700K																								
Lumens/LF	450	437	446	392	432	392	392	383	374	387	410	392	405	378	396	392	401	396	378	401	441	311	239	351
Efficacy	75	73	74	65	72	65	65	64	62	65	68	65	68	63	66	65	67	66	63	67	74	52	40	59
CBCP	8566	4101	2508	983	2116	1490	1187	823	415	719	888	794	677	343	573	438	417	389	242	390	214	104	80	289
3000K																								
Lumens/LF	481	466	476	418	461	418	418	409	399	413	437	418	433	404	423	418	428	423	404	428	471	332	255	375
Efficacy	80	78	79	70	77	70	70	68	66	69	73	70	72	67	70	70	71	70	67	71	79	55	42	62
CBCP	9145	4378	2678	1049	2259	1591	1267	878	443	767	948	847	723	366	612	468	445	415	258	416	228	111	86	309
3500K																								
Lumens/LF	493	478	488	429	473	429	429	419	409	424	448	429	444	414	434	429	439	434	414	439	483	340	261	384
Efficacy	82	80	81	71	79	71	71	70	68	71	75	71	74	69	72	71	73	72	69	73	80	57	44	64
CBCP	9376	4489	2745	1076	2317	1631	1299	900	455	787	972	869	741	375	627	480	456	426	265	427	234	113	88	316
4000K																								
Lumens/LF	505	490	500	439	485	439	439	429	419	434	460	439	454	424	444	439	449	444	424	449	495	348	268	394
Efficacy	84	82	83	73	81	73	73	72	70	72	77	73	76	71	74	73	75	74	71	75	82	58	45	66
CBCP	9608	4600	2813	1103	2374	1672	1331	923	466	806	996	890	760	384	643	492	467	436	271	437	240	116	90	324
5000K																								
Lumens/LF	627	608	621	545	602	545	545	533	520	539	570	545	564	527	552	545	558	552	527	558	614	432	332	489
Efficacy	78	76	78	68	75	68	68	67	65	67	71	68	71	66	69	68	70	69	66	70	77	54	42	61
CBCP	11925	5710	3492	1368	2946	2075	1653	1145	578	1000	1236	1105	943	477	798	610	580	542	337	543	298	144	112	402

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Job Name : The District - Beach Club
Manufacturer : ECOSENSE
Model Number : L50-E-12-04-27-80-MULT-25X25

Type :
S02

ECOSENSE®

TROV®

ORDERING

INTERIOR + EXTERIOR | L50

DATE	PROJECT	FIRM	TYPE
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90CRI

L50 8W	9x9	9x17	9x29	9x59	39x9	15x15	15x23	15x35	15x65	45x15	25x25	25x33	25x45	25x75	55x25	40x40	40x48	40x60	40x90	70x40	70x70	120	LOL	ASYM
2700K																								
Lumens/LF	627	608	621	545	602	545	545	533	520	539	570	545	564	527	552	545	558	552	527	558	614	432	332	489
Efficacy	78	76	78	68	75	68	68	67	65	67	71	68	71	66	69	68	70	69	66	70	77	54	42	61
CBCP	11925	5710	3492	1368	2946	2075	1653	1145	578	1000	1236	1105	943	477	798	610	580	542	337	543	298	144	112	402
3000K																								
Lumens/LF	669	649	662	582	642	582	582	569	555	575	609	582	602	562	589	582	596	589	562	596	656	462	355	552
Efficacy	84	81	83	73	80	73	73	71	69	72	76	73	75	70	74	73	74	74	70	74	82	58	44	65
CBCP	12731	6095	3728	1461	3145	2215	1764	1223	617	1068	1320	1180	1006	509	852	651	619	578	359	579	318	154	119	430
3500K																								
Lumens/LF	686	666	679	597	659	597	597	583	569	590	624	597	617	576	604	597	611	604	567	611	672	473	364	535
Efficacy	86	83	85	75	82	75	75	73	71	74	78	75	77	72	75	75	76	75	72	76	84	59	45	67
CBCP	13053	6350	3822	1498	3225	2271	1809	1254	633	1095	1353	1210	1032	522	873	668	635	593	368	594	326	158	122	440
4000K																								
Lumens/LF	703	682	696	612	675	612	612	598	584	605	640	612	633	591	619	612	626	619	591	626	689	485	373	548
Efficacy	88	85	87	76	84	76	76	75	73	76	80	76	79	74	77	76	78	77	74	78	86	61	47	69
CBCP	13376	6404	3916	1535	3305	2327	1854	1284	648	1122	1387	1239	1057	535	895	684	651	608	378	609	334	162	125	451

L50 10W	9x9	9x17	9x29	9x59	39x9	15x15	15x23	15x35	15x65	45x15	25x25	25x33	25x45	25x75	55x25	40x40	40x48	40x60	40x90	70x40	70x70	120	LOL	ASYM
2700K																								
Lumens/LF	759	736	752	661	729	661	661	645	630	653	691	661	683	683	668	661	676	668	638	676	744	524	402	592
Efficacy	76	74	75	66	73	66	66	65	63	65	69	66	68	64	67	66	68	67	64	68	74	52	40	59
CBCP	14445	6916	4229	1658	3569	2513	2002	1387	700	1212	1498	1338	1142	578	966	739	703	656	408	657	361	175	135	487
3000K																								
Lumens/LF	811	786	802	705	778	705	705	689	673	697	738	705	729	681	713	705	721	713	681	721	794	559	430	632
Efficacy	81	79	80	71	78	71	71	69	67	70	74	71	73	68	71	71	72	71	68	72	79	56	43	63
CBCP	15421	7383	4515	1770	3810	2683	2137	1481	748	1294	1599	1429	1219	617	1031	789	750	700	435	702	385	187	144	520
3500K																								
Lumens/LF	831	806	823	723	798	723	723	706	690	715	756	723	748	698	731	723	740	731	698	740	814	573	440	648
Efficacy	83	81	82	72	80	72	72	71	69	71	76	72	75	70	73	72	74	73	70	74	81	57	44	65
CBCP	15811	7570	4629	1814	3906	2751	2191	1518	766	1326	1639	1465	1250	632	1058	809	769	718	446	719	395	191	148	534
4000K																								
Lumens/LF	852	826	843	741	818	741	741	724	707	732	775	741	766	715	749	741	758	749	715	758	835	588	451	664
Efficacy	85	83	84	74	82	74	74	72	71	73	77	74	77	72	75	74	76	75	72	76	83	59	45	66
CBCP	16201	7757	4744	1859	4003	2819	2245	1556	785	1359	1680	1501	1281	648	1084	829	788	736	457	737	404	196	152	547

L50 12W	9x9	9x17	9x29	9x59	39x9	15x15	15x23	15x35	15x65	45x15	25x25	25x33	25x45	25x75	55x25	40x40	40x48	40x60	40x90	70x40	70x70	120	LOL	ASYM
2700K																								
Lumens/LF	883	856	874	768	848	768	768	750	733	759	803	768	795	742	777	768	786	777	742	786	865	609	468	689
Efficacy	74	71	73	64	71	64	64	63	61	63	67	64	66	62	65	64	65	65	62	65	72	51	39	57
CBCP	16796	8042	4918	1927	4150	2922	2328	1613	814	1409	1741	1556	1328	672	1123	859	817	763	474	764	419	203	157	567
3000K																								
Lumens/LF	942	914	933	820	905	820	820	801	782	811	858	820	848	792	829	820	839	829	792	839	924	650	500	735
Efficacy	79	76	78	68	75	68	68	67	65	68	71	68	71	66	69	68	70	69	66	70	77	54	42	61
CBCP	17931	8585	5250	2058	4430	3120	2485	1722	869	1504	1859	1661	1418	717	1199	918	872	814	506	816	448	217	168	605
3500K																								
Lumens/LF	966	937	957	841	928	841	841	821	802	831	879	841	870	812	850	841	860	850	812	860	947	667	512	754
Efficacy	81	78	80	70	77	70	70	68	67	69	73	70	72	68	71	70	72	71	68	72	79	56	43	63
CBCP	18385	8802	5383	2110	4542	3199	2548	1766	891	1542	1906	1704	1453	735	1230	941	894	835	519	837	459	223	172	620
4000K																								
Lumens/LF	990	960	980	861	951	861	861	842	822	852	901	861	891	832	871	861	881	871	832	881	970	683	545	772
Efficacy	83	80	82	72	79	72	72	70	68	71	75	72	74	69	73	72	73	73	69	73	81	57	44	64
CBCP	18839	9020	5516	2162	4655	3278	2611	1809	913	1580	1953	1746	1489	753	1260	964	917	856	532	857	470	228	176	636

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Job Name: The District - Beach Club
Manufacturer: ECOSENSE
Model Number: L50-E-12-04-27-80-MULT-25X25

Type:
S02

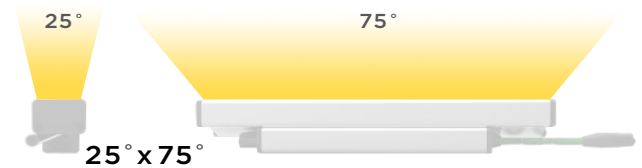
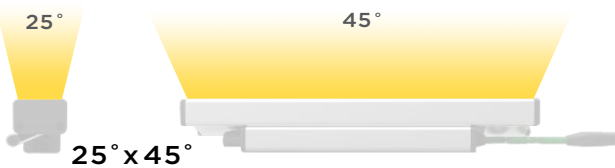
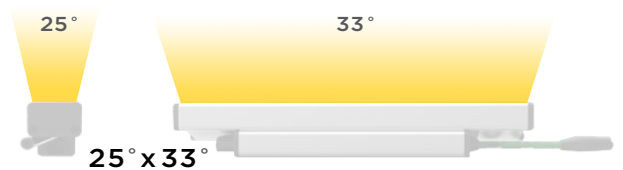
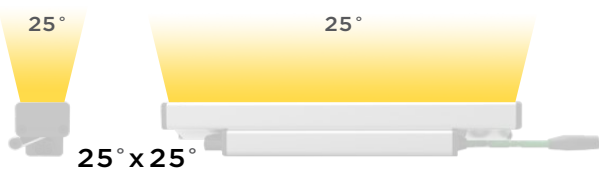
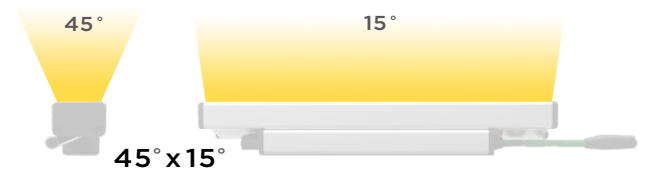
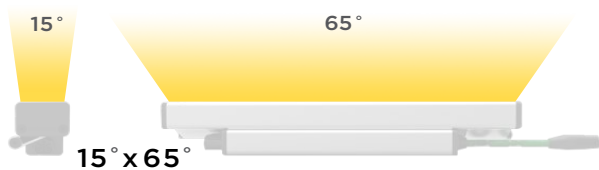
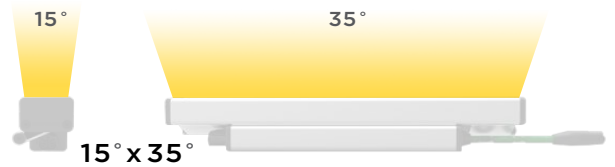
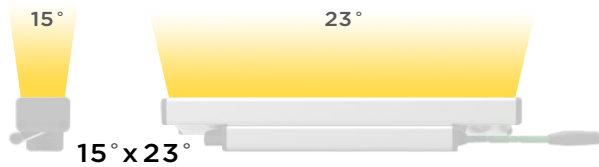
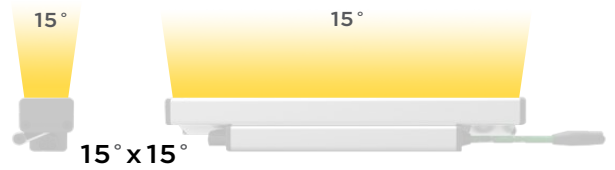
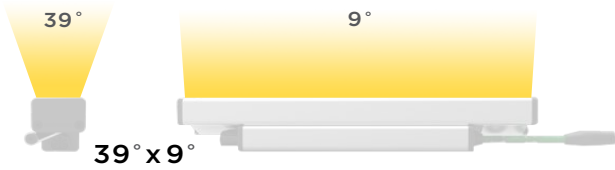
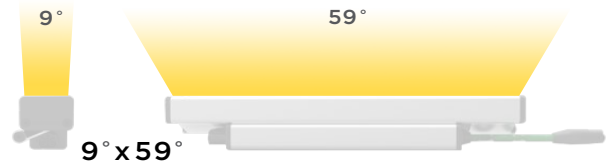
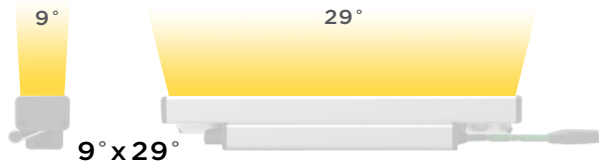
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20210518



Job Name : The District - Beach Club
Manufacturer : ECOSENSE
Model Number : L50-E-12-04-27-80-MULT-25X25

Type :
S02

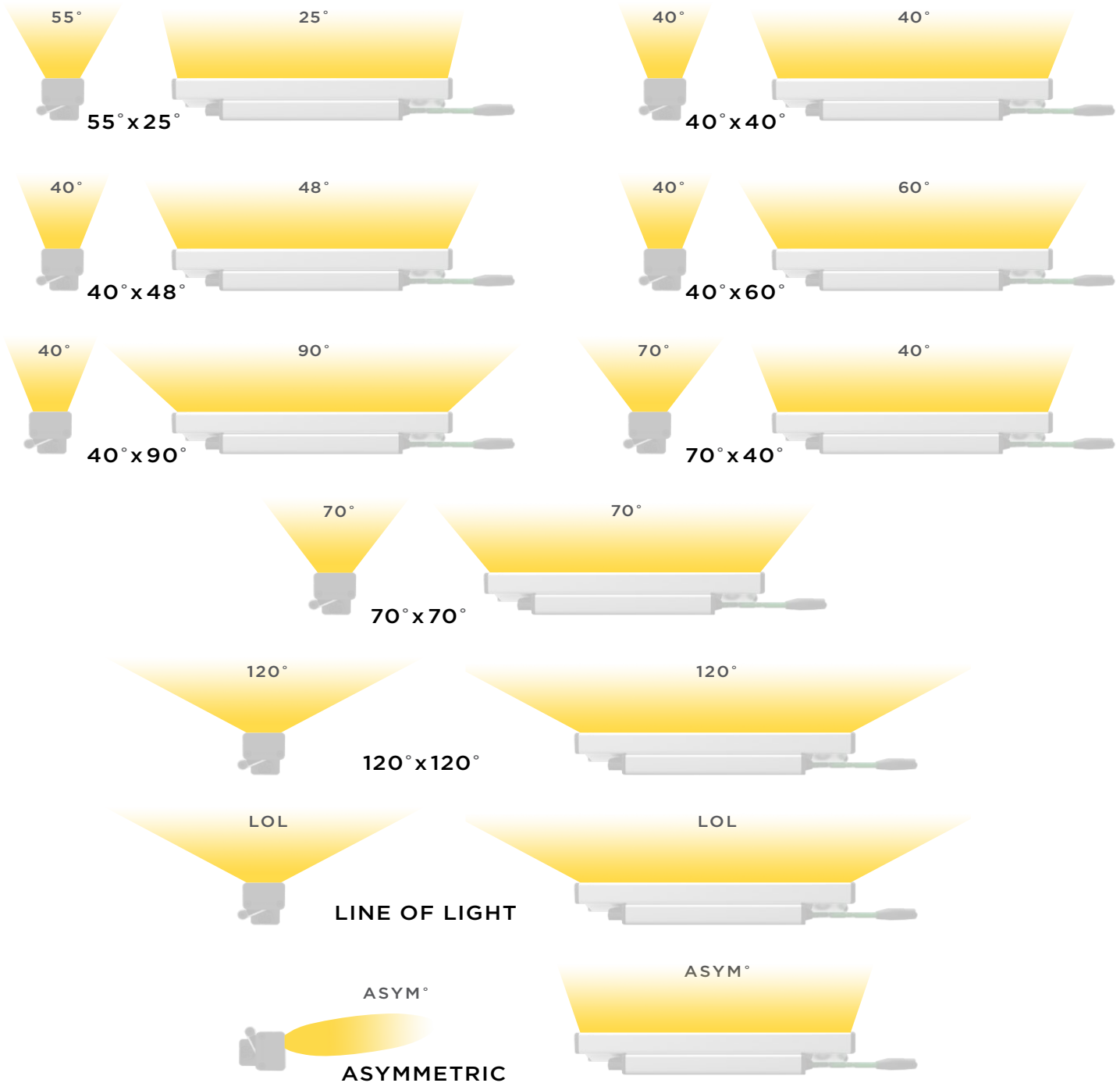
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INTERIOR + EXTERIOR | L50

DATE	PROJECT	FIRM	TYPE
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7/7

20210518



Job Name : The District - Beach Club
Manufacturer : CORE LIGHTING
Model Number : LNT-65-F-HB-27K-24V

Type :
S03

LNT-65

3.4W IP67/IP68 Flexible LED Neon Series

CORE
ARCHITECTURAL
LIGHTING



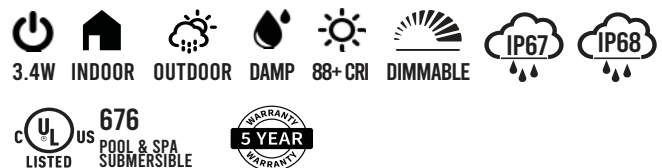
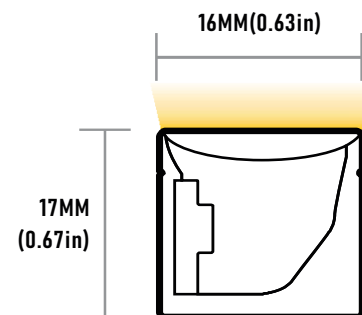
The LNT65 Series is a high performance flexible LED fixture designed as a neon replacement and is also useful in a wide variety of indoor or outdoor applications where a smooth surface or continuous line of light is desired. It is a flexible strip light that can bend around contours or tight curves horizontally or vertically without being damaged.

FEATURES

- High color consistency and smooth illumination
- Multiple CCT options available
- Continuous run length up to 32 Ft. (10M)
- Bottom, Side and End Feed options
- UL-676 Pool Submersible (IP68 model)

SPECIFICATIONS

INPUT VOLTAGE	24V DC Constant Voltage
POWER CONSUMPTION	3.4W per Ft.
LUMEN OUTPUT	190 Lumens per Ft.
LENS	Flat
BEAM ANGLE	160°
CRI	88+
DIMMING	MLV, ELV, 0-10 and TRIAC
MAXIMUM RUN LENGTH	32 Ft.
IP RATING	IP67 / IP68
LUMEN MAINTENANCE	50,000 Hours
LED CHIP	NICHIA
OPERATING TEMPERATURE	-4°F ~113°F (-20°C ~ 45°C)
STORAGE TEMPERATURE	-40°F ~176°F (-40°C ~ 80°C)
HUMIDITY	0-95% Non Condensing
CERTIFICATIONS	UL Listed / UL-676 (IP68)
DIMENSIONS	Width x Depth: 0.63" x 0.67"





Job Name : The District - Beach Club
Manufacturer : CORE LIGHTING
Model Number : LNT-65-F-HB-27K-24V

Type :
S03

LNT-65

3.4W IP67/IP68 Flexible LED Neon Series

CORE
ARCHITECTURAL
LIGHTING

STANDARD ORDERING GUIDE

Model	Lens	Light Surface	Color Temp	Voltage	Length (CODE)	Power Feed	Power Feed Length
LNT-65	F Flat	HB Horizontal Bend	24K 2400K	24V 24V DC	Please refer to pages 6-7 for exact lengths with corresponding ordering codes.	IP67BF Bottom Feed	HW3 3 Ft. Power Feed
		VB Vertical Bend	27K 2700K			IP67SFL Side Feed Left	HW10 10 Ft. Power Feed
			30K 3000K			IP67SFR Side Feed Right	HW15 15 Ft. Power Feed
			35K 3500K			IP67EF End Feed	HW30 30 Ft. Power Feed
			40K 4000K				HW50 50 Ft. Power Feed
			50K 5000K			IP68BF Bottom Feed	
			RD Red			IP68SFL Side Feed Left	
			GN Green			IP68SFR Side Feed Right	
			BL Blue			IP68EF End Feed	
			AM Amber				
			PK Pink				
			YW Yellow				



Job Name : The District - Beach Club
Manufacturer : CORE LIGHTING
Model Number : LNT-65-F-HB-27K-24V

Type :
S03

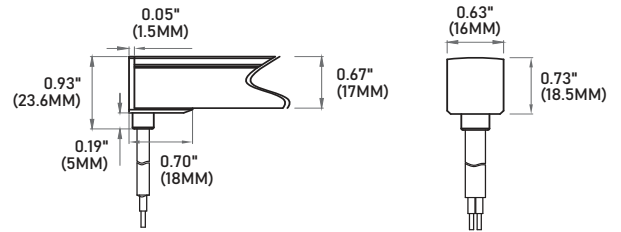
LNT-65

3.4W IP67/IP68 Flexible LED Neon Series

CORE
ARCHITECTURAL
LIGHTING

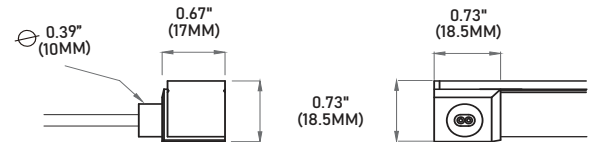
IP67 POWER FEED

BF
Bottom Feed



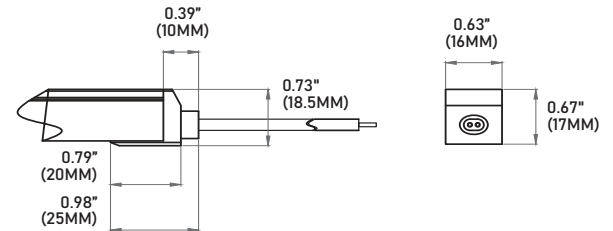
SFL
Side Feed Left

LEFT

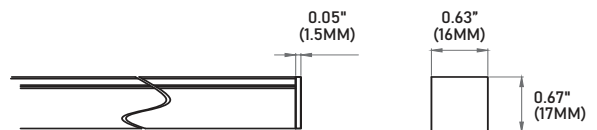
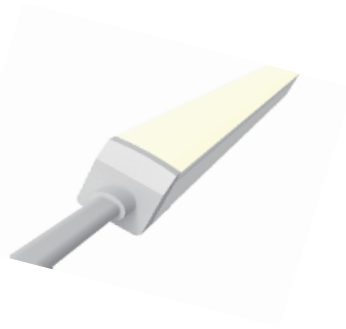


SFR
Side Feed Right

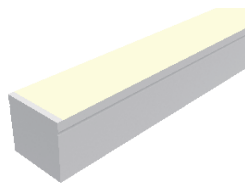
RIGHT



EF
End Feed



EC
End Cap





Job Name : The District - Beach Club
Manufacturer : CORE LIGHTING
Model Number : LNT-65-F-HB-27K-24V

Type :
S03

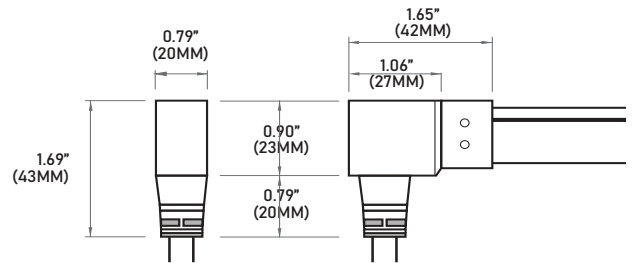
LNT-65

3.4W IP67/IP68 Flexible LED Neon Series

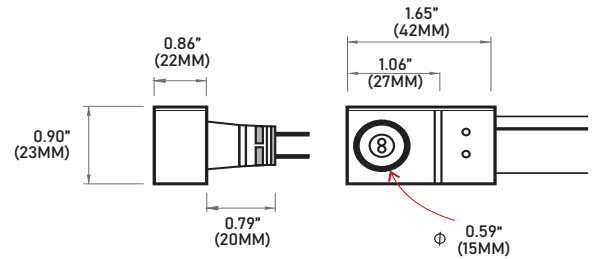
CORE
ARCHITECTURAL
LIGHTING

IP68 POWER FEED

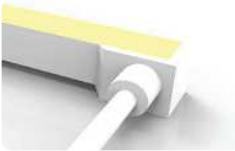
BF
Bottom Feed



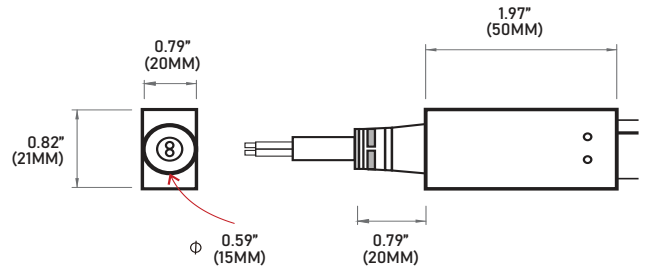
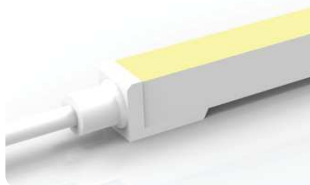
SFL
Side Feed Left



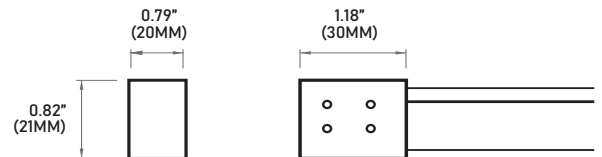
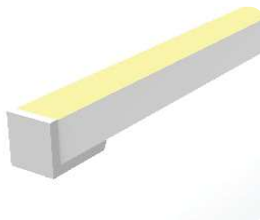
SFR
Side Feed Right



EF
End Feed



EC
End Cap





Job Name : The District - Beach Club
Manufacturer : CORE LIGHTING
Model Number : LNT-65-F-HB-27K-24V

Type :
S03

LNT-65

3.4W IP67/IP68 Flexible LED Neon Series

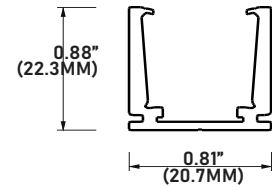
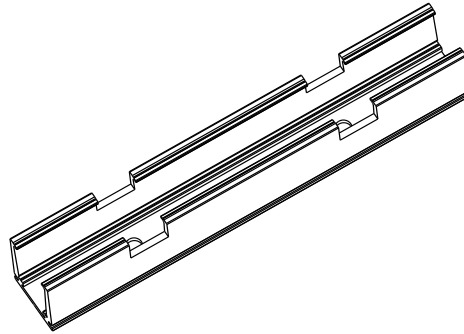
CORE
ARCHITECTURAL
LIGHTING

ACCESSORIES

SELF LOCKING ALUMINUM PROFILE

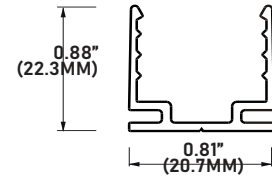
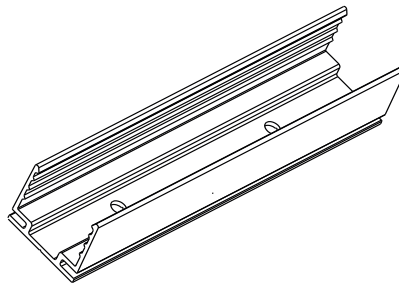
LNT65-AC2
2" Profile

LNT65-AC39
39" Profile



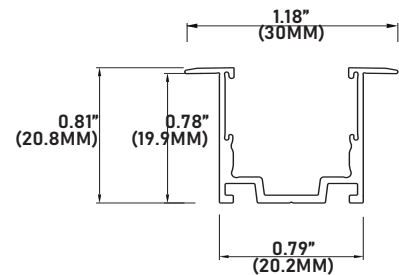
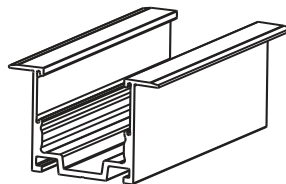
PLASTIC PROFILE

LNT65-PC39
39" Profile



RECESSED PROFILE

LNT65-RS39
39" Profile





Job Name : The District - Beach Club
Manufacturer : CORE LIGHTING
Model Number : LNT-65-F-HB-27K-24V

Type :
S03

LNT-65

3.4W IP67/IP68 Flexible LED Neon Series



LNT65 Series is cuttable **every 2.19" (5.56 CM)**. Please refer to chart below to determine actual lengths once LED is cut versus actual lengths required or specified.

Total Length Calculation = order code length + end feed option length
 example: 66.92" total length = code 30 + IP67 side feed (65.67" + 1.25")

Optional lead wire lengths available: **3Ft., 10Ft., 16Ft., 32Ft., 50Ft.**

POWER FEED OPTION	IP67	IP68
END FEED	0.65"	1.65"
BOTTOM FEED	0.65"	1.65"
SIDE FEED	0.65"	1.65"

CUTTING LENGTH INCREMENT TABLE

CODE	LENGTH IN CM	LENGTH IN INCHES	CODE	LENGTH IN CM	LENGTH IN INCHES
3	16.68	6.57	34	189.04	74.43
4	22.24	8.76	35	194.6	76.61
5	27.8	10.94	36	200.16	78.80
6	33.36	13.13	37	205.72	81.00
7	38.92	15.32	38	211.28	83.18
8	44.48	17.51	39	216.84	85.37
9	50.04	19.70	40	222.4	87.56
10	55.6	21.89	41	227.96	89.75
11	61.16	24.08	42	233.52	91.94
12	66.72	26.27	43	239.08	94.13
13	72.28	28.46	44	244.64	96.31
14	77.84	30.65	45	250.2	98.50
15	83.4	32.83	46	255.76	100.70
16	88.96	35.02	47	261.32	102.89
17	94.52	37.21	48	266.88	105.07
18	100.08	39.40	49	272.44	107.26
19	105.64	41.59	50	278	109.45
20	111.2	43.78	51	283.56	111.64
21	116.76	45.97	52	289.12	113.83
22	122.32	48.16	53	294.68	116.02
23	127.88	50.35	54	300.24	118.21
24	133.44	52.54	55	305.8	120.40
25	139	54.72	56	311.36	122.59
26	144.56	56.91	57	316.92	124.78
27	150.12	59.10	58	322.48	126.96
28	155.68	61.29	59	328.04	129.15
29	161.24	63.48	60	333.6	131.34
30	166.8	65.67	61	339.16	133.53
31	172.36	67.86	62	344.72	135.72
32	177.92	70.05	63	350.28	137.91
33	183.48	72.24	64	355.84	140.09
			65	361.4	142.28
			66	366.96	144.47



Job Name : The District - Beach Club
Manufacturer : CORE LIGHTING
Model Number : LNT-65-F-HB-27K-24V

Type :
S03

LNT-65

3.4W IP67/IP68 Flexible LED Neon Series

CORE
ARCHITECTURAL
LIGHTING

CUTTING LENGTH INCREMENT TABLE

CODE	LENGTH IN CM	LENGTH IN INCHES	CODE	LENGTH IN CM	LENGTH IN INCHES
67	372.52	146.66	107	594.92	234.22
68	378.08	148.85	108	600.48	236.41
69	383.64	151.04	109	606.04	238.59
70	388.95	153.23	110	611.12	240.78
71	394.76	155.42	111	617.16	242.98
72	400.32	157.61	112	622.72	245.17
73	405.88	159.80	113	628.28	247.35
74	411.44	161.98	114	633.84	249.54
75	416.68	164.17	115	638.91	251.73
76	422.56	166.36	116	644.96	253.92
77	428.12	168.55	117	650.52	256.12
78	433.68	170.74	118	656.08	258.31
79	439.24	172.93	119	661.64	260.50
80	444.47	175.13	120	666.72	262.68
81	450.36	177.31	121	672.76	264.88
82	455.92	179.49	122	678.32	267.07
83	461.48	181.69	123	683.88	269.25
84	467.04	183.87	124	689.44	271.44
85	472.60	186.06	125	694.51	273.63
86	478.16	188.25	126	700.56	275.82
87	483.72	190.44	127	706.12	278.01
88	489.28	192.63	128	711.68	280.20
89	494.84	194.82	129	717.24	282.39
90	500.40	197.02	130	722.24	284.58
91	505.96	199.20	131	728.36	286.76
92	511.52	201.39	132	733.92	288.96
93	517.08	203.58	133	739.48	291.15
94	522.64	205.77	134	745.04	293.33
95	528.2	207.96	135	750.03	295.52
96	533.76	210.14	136	756.16	297.70
97	539.32	212.34	137	761.72	299.90
98	544.88	214.53	138	767.28	302.09
99	550.44	216.72	139	772.84	304.28
100	556	218.91	140	777.84	306.47
101	561.56	221.10	141	783.96	308.66
102	567.12	223.28	142	789.52	310.85
103	572.68	225.47	143	795.08	313.04
104	578.24	227.66	144	800.64	315.23
105	583.8	229.85	145	806.20	317.41
106	589.36	232.04	146	811.76	319.60



Job Name : The District - Beach Club
Manufacturer : CORE LIGHTING
Model Number : LNT-65-F-HB-27K-24V

Type :
S03

LNT-65

3.4W IP67/IP68 Flexible LED Neon Series

CORE
ARCHITECTURAL
LIGHTING

CUTTING LENGTH INCREMENT TABLE

CODE	LENGTH IN CM	LENGTH IN INCHES
147	817.32	321.78
148	822.88	323.97
149	828.44	326.17
150	833.34	328.35
151	839.56	330.54
152	845.12	332.72
153	850.68	334.91
154	856.24	337.10
155	861.16	339.30
156	867.36	341.49
157	872.92	343.67
158	878.48	345.87
159	884.04	348.06
160	888.94	350.25
161	895.16	352.44
162	900.72	354.63
163	906.28	356.82
164	911.84	359.01
165	916.68	361.20
166	922.96	363.37
167	928.52	365.57
168	934.08	367.75
169	939.64	369.94
170	945.20	372.13
171	950.76	374.32
172	956.32	376.50
173	961.88	378.69
174	967.44	380.88
175	972.28	383.09
176	978.56	385.28
177	984.12	387.45
178	989.68	389.64
179	995.24	391.83
180	1000.8	394.02



Job Name : The District - Beach Club
Manufacturer : CORE LIGHTING
Model Number : LNT-65-F-HB-27K-24V

Type :
S03

LNT-65

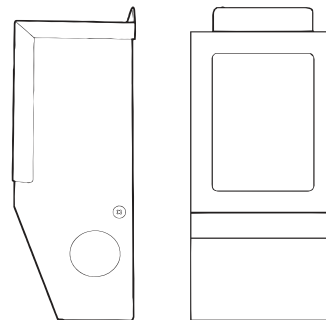
3.4W IP67/IP68 Flexible LED Neon Series

CORE
ARCHITECTURAL
LIGHTING

COMPATIBLE DRIVERS

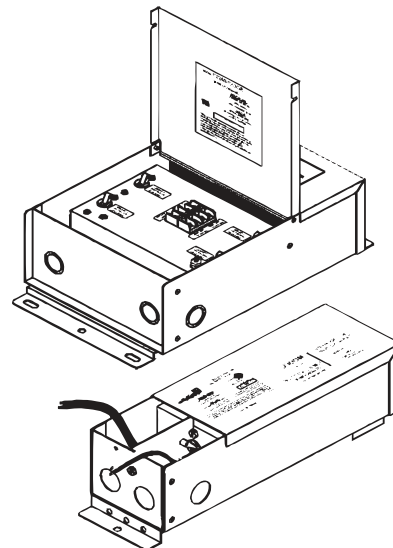
PSDM SERIES DIMMABLE MAGNETIC LOW VOLTAGE (MLV)

PSDM-20W-24V	CLASS 2	5.6" x 2" x 2.14"
PSDM-40W-24V	CLASS 2	5.6" x 2" x 2.14"
PSDM-60W-24V	CLASS 2	6.5" x 2.3" x 2.5"
PSDM-100W-24V	CLASS 2	6.5" x 2.3" x 2.5"
PSDM-150W-24V		9.8" x 3" x 3"
PSDM-192W-24V	CLASS 2	7.0" x 7.0" x 3.2"
PSDM-200W-24V		9.8" x 3" x 3"
PSDM-288W-24V	CLASS 2	9.8" x 4.2" x 3.5"
PSDM-300W-24V		7.0" x 7.0" x 3.2"



PSDH SERIES HIGH PERFORMANCE MAGNETIC LOW VOLTAGE (MLV)

PSDH-48W-24V	CLASS 2	11.25" x 3.37" x 3.25"
PSDH-96W-24V	CLASS 2	11.25" x 3.37" x 3.25"
PSDH-288W-24V	CLASS 2	14.25" x 8.43" x 4.43"





Job Name : The District - Beach Club
Manufacturer : CORE LIGHTING
Model Number : LNT-65-F-HB-27K-24V

Type :
S03

LNT-65

3.4W IP67/IP68 Flexible LED Neon Series

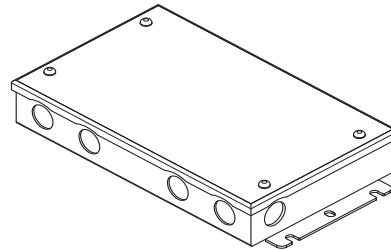
CORE
ARCHITECTURAL
LIGHTING

COMPATIBLE DRIVERS

PSDL SERIES

TRIAC DIMMABLE

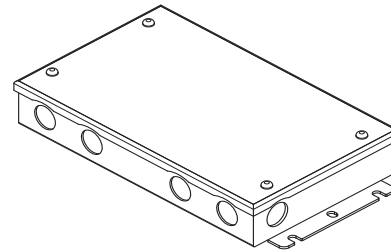
PSDL-30W-24V	CLASS 2	6.5" x 3.63" x 1.03"
PSDL-60W-24V	CLASS 2	7.4" x 3.63" x 1.03"
PSDL-96W-24V	CLASS 2	8.67" x 3.67" x 1.62"
PSDL-150W-24V		8.67" x 3.67" x 1.62"
PSDL-192W-24V	CLASS 2	10.25" x 4.06" x 1.82"
PSDL-200W-24V		10.25" x 4.06" x 1.82"
PSDL-288W-24V	CLASS 2	10.25" x 4.06" x 1.82"
PSDL-300W-24V		10.25" x 4.06" x 1.82"



PSHK SERIES

NON-DIMMING W/ JUNCTION BOX

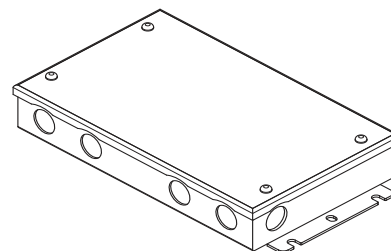
PSHK-30W-24V-UNV	CLASS 2	6.5" X 3.6" X 1.02"
PSHK-60W-24V-UNV	CLASS 2	7.4" X 3.62" X 1.02"
PSHK-96W-24V-UNV	CLASS 2	8.66" X 3.66" X 1.61"
PSHK-150W-24V-UNV		10.24" X 4.06" X 1.81"
PSHK-200W-24V-UNV		10.24" X 4.06" X 1.81"
PSHK-300W-24V-UNV		10.94" X 4.25" X 1.81"



PSVT SERIES

0-10V DIMMING DRIVER

PSVT-60W-24V	CLASS 2	7.4" X 3.72" X 1.57"
PSVT-96W-24V	CLASS 2	8.66" X 3.72" x 1.57"
PSVT-200W-24V		10.24" X 4.13" x 1.77"
PSVT-288W-24V	CLASS 2	11.85" X 4.25" x 1.81"
PSVT-300W-24V	CLASS 2	10.94" X 4.33" x 1.77"





Job Name : The District - Beach Club
Manufacturer : CORE LIGHTING
Model Number : LNT-65-F-HB-27K-24V

Type :
S03

LNT-65

3.4W IP67/IP68 Flexible LED Neon Series

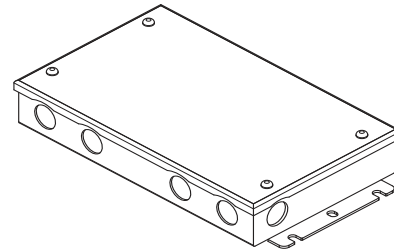
CORE
ARCHITECTURAL
LIGHTING

COMPATIBLE DRIVERS

PSRX SERIES

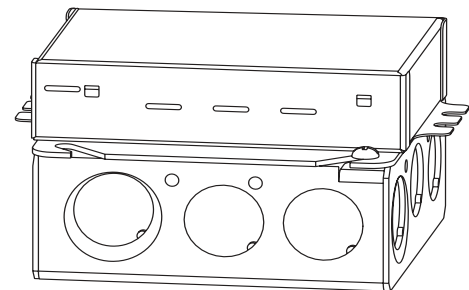
4-in-1 DIMMING DRIVER W/ JUNCTION BOX

PSRX-30W-24V-UNV	CLASS 2	6.5" X 3.7" X 1.57"
PSRX-60W-24V-UNV	CLASS 2	7.4" X 3.72" X 1.57"
PSRX-96W-24V-UNV	CLASS 2	10.24" X 4.13" X 1.77"
PSRX-150W-24V-UNV		10.24" X 4.13" X 1.77"
PSRX-200W-24V-UNV		10.24" X 4.13" X 1.77"
PSRX-300W-24V-UNV		10.94" X 4.33" X 1.77"



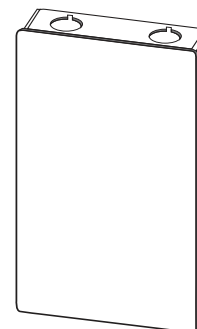
LUTRON 1% 2 OR 3-WIRE DIMMING

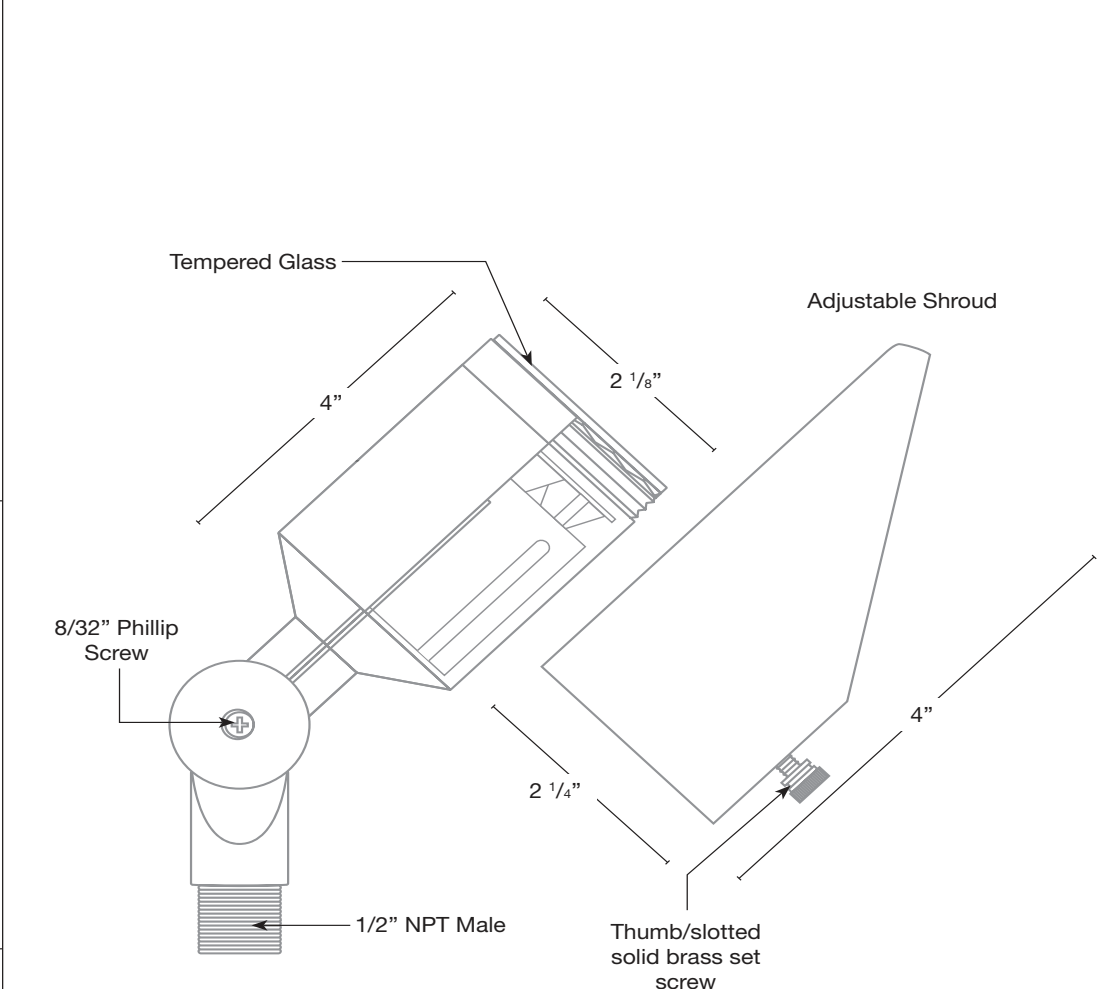
LTEA4U1UKL-CV240	CLASS 2	4.0" x 1.5" x 4.0"
L3DA4U1UKL-CV240	CLASS 2	4.0" x 1.5" x 4.0"



LUTRON 1%

PSDE-96W-24V-ECO	CLASS 2	10.5" x 3.0" x 2.0"
-------------------------	---------	---------------------



SPJ LIGHTING Inc. ARCHITECTURAL LANDSCAPE & OUTDOOR LIGHTING		SPECIFICATION SHEET		Directional Light	
				TITAN	
 MODEL: TITAN MATERIAL: Solid Brass FINISH SHOWN: Matte Bronze ELECTRICAL: 12-15v WATTAGE: 6W ENGINE: FB-6W-CYL-TA16 LUMENS: 300 MOUNTING: 1/2" NPT. Dual Fin Spike Included		 Tempered Glass Adjustable Shroud 4" 2 1/8" 8/32" Phillip Screw 1/2" NPT Male 2 1/4" 4" Thumb/slotted solid brass set screw			
FINISHES ☐ Matte Bronze (MBR) ☐ Verde (V) ☐ Moss (M) ☐ Black (B) ☐ Rusty (R) ☐ Satin Brass (SB) ☐ Aged Brass (AG) ☐ Raw Copper (RC) ☐ Natural Copper (NC) CONFIRM FINISH PVD PREMIUM ☐ PVD Polished (PVDP) ☐ PVD Satin (PVDS) ☐ PVD Graphite (PVDG) ☐ PVD Bronze (PVDBZ) ☐ PVD Black (PVDBL)					
WATTAGE ☒ 6W		LUMENS 300			
Custom lumen packages are available upon request					
COLOR TEMPERATURE ☐ 2200K ☒ 2700K ☐ 3000K ☐ 4000K ☐ 5000K ☐ 6500K ☐ RGBW ☐ WARM DIMMING Custom options are available					
ELECTRICAL ☒ 12-15V ☐ 120V					
OPTICS ☐ SPOT ☐ FLOOD ☐ WIDE FLOOD ☐ WIDE ANGLE FLOOD 19d 38d 54d 120d					
Ordering Example		Customer Approval		Date	
TITAN-MBR-6W-27K-12-15V					
				 Wet Listed 	



Job Name : The District - Beach Club
Manufacturer : SPJ LIGHTING
Model Number : SPJ-RGD-MU-ATM

Type :
S05

SPJ LIGHTING Inc.
ARCHITECTURAL LANDSCAPE & OUTDOOR LIGHTING

SPJ-RGD-MU-ATM

SPECIFICATION FEATURES



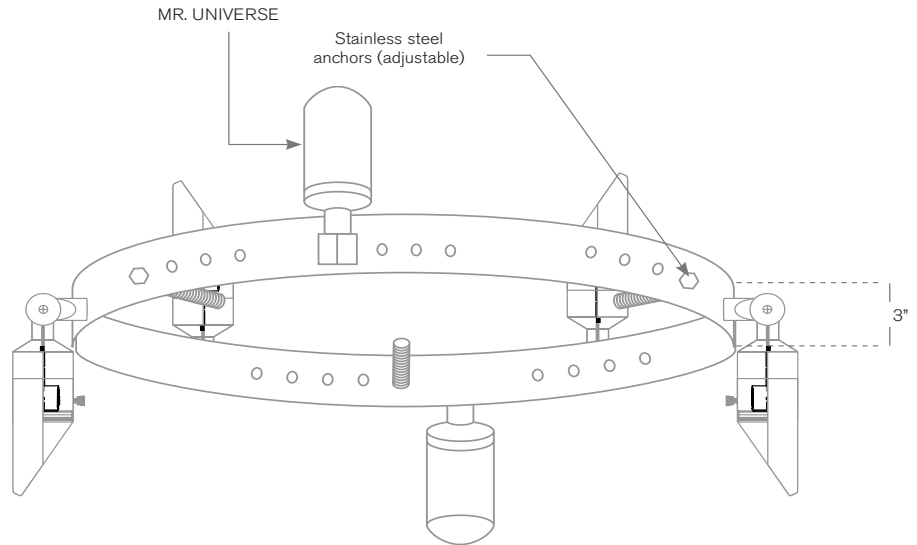
Model: **SPJ-RGD-MU-ATM**
Finish: Matte Bronze

Adjustable Tree rings are fully customizable to meet your needs. Specify number of fixtures, type of fixture (in any combination of up and down lights), & diameter of tree. Solid brass construction 3" wide band for Super Nova, Titan & Alpha version, 2" wide band for Mr. Universe version. Tree Rings are mounted with stainless steel bolts.

Model: SPJ-RGD-SuperNova-5W
Model: SPJ-RGD-Titan-7W
Model: SPJ-RGD-Titan-10W
Model: SPJ-RGD-Alpha-12W
Model: SPJ-RGD-Mr-Universe-3W

Adjustable Tree Ring (6) Light Up / Down 22" x 27" diameter

Model#: SPJ-RGD-MU-ATM
Material: Solid Brass
Engine: FB-2W-CYL-TA125
Electrical: 8-15V
Color Temp: 2700K
Optic: Spot, Flood, Wide Flood,
Wide Angle Flood
LED: Nichia



Wet Listed

22" or 27" Dia.

SPJ Approval

Customer Approval

ORDERING INFORMATION

Model#

SPJ-RGD-MU-ATM

Finishes

MBR

Wattage

Optics

Lumens

Color Temp.

Electrical

CONFIRM FINISH

V = Verde
M = Moss
AG = Aged Brass
MBR = Matte Bronze
SB = Satin Brass
GM = Gun Metal
B = Black
R = Rusty
PVDP = PVD Polished
PVDS = PVD Satin

WWW.SPJLIGHTING.COM



Job Name : The District - Beach Club

Manufacturer : BOVER

Model Number : 37001XXX127

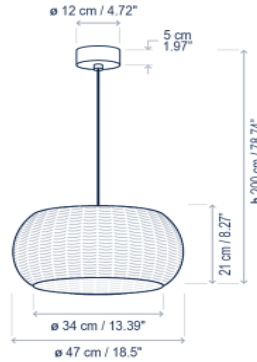
Type :
S06

Perris S/47 Outdoor

Design / Diseño:
Joana Bover / 2023

Typology: Pendant lamp
Tipología: Suspensión

Environment: Outdoor
Ambiente: Exterior



Technical description / Descripción técnica:



Net Weight: 4.63 lbs
Peso Neto: 4.63 lbs



1 Box/Caja
20.08 x 20.08 x 11.02 inches | 2.5709 ft³
Gross Weight / Peso bruto: 7.5 lbs

Materials: Stainless Steel, Aluminum, Synthetic Polyethylene Fiber.
Materiales: Acero Inoxidable, Aluminio, Fibra de Polietileno Sintética.

Dali/0-10V options: consult
Opciones Dali/0-10V: consultar

Lower diffuser: Polycarbonate
Difusor inferior: Policarbonato

Metal surfaces coated with cataphoresis and epoxy polyester paint.
Estructuras de metal acabadas con cataforesis y pintura de poliéster epoxi.

Hand woven with a recyclable and non-toxic synthetic polyethylene fiber.
Pantallas tejidas a mano con fibra de polietileno sintética reciclable y no tóxica.

Light source protected by polycarbonate diffuser.
Fuente de luz protegida por difusor de policarbonato.

Black waterproof neoprene cable
Stainless steel tensor cable
Cable de neopreno negro resistente al agua
Cable tensor acero inoxidable

Customizable
Personalizable

Certifications
Certificaciones



Descripción lámpara / Lamps description:



120V
60Hz

WET

IP-54



TRIAC



17,1 W LED / CRI: 90 / 2700K
2064 lm light source / fuente de luz

Ref

Finishing / Acabados

37001215126U

Dimmable Triac
Brown - Beige Synthetic Fiber
Regulable Triac
Marrón - Fibra Sintética Beige

37001215127U

Dimmable Triac
Brown - Brown Synthetic Fiber
Regulable Triac
Marrón - Fibra Sintética Marrón

bover
barcelona lights

1231 Collier Road,
Suite C
Atlanta, GA 30318
United States

T. +1 (404) 924 2342
info@boverusa.com
www.boverusa.com

Family / Familia: Perris

PF/47



S/47



09/16/2023 - 10:58



Job Name : The District - Beach Club
Manufacturer : ZANIBONI
Model Number : D2-LUNA2-13-27-80-6S-X-E-W

Type :
S07

ZANIBONI®
 LIGHTING



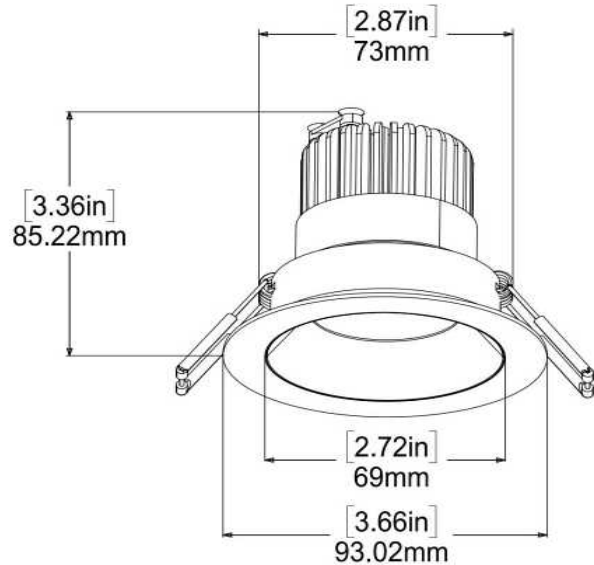
LUNA 2

1 Light Sources

2" | 1575 lm / per light source
 Round | Fixed | Downlight

Performance Options		9W		13W		18W	
Source Lumens		1188 lm		1563 lm		2032 lm	
Delivered Lumens		893 lm		1191 lm		1575 lm	
Lumens / Watt		99 lm		92 lm		88 lm	
Current		250 mA		350 mA		500 mA	
CRI/CCT Multiplier	2700°K	3000°K	3500°K	4000°K	Warm Dim		
80 CRI	0.93	1.00	1.00	1.07	N/A		
95 CRI	0.69	0.75	0.81	0.87	0.72		

18-watt option adds 1" to fixture height



D2	LUNA2	—	—	—	—	—	—	—	—	—
Source	Model	Wattage	Kelvin	CRI	Beam	Lens	Color	Driver	Installation	I.P. Rating
D2	LUNA2:Luna 2	09:09W 13:13W 18:18W(18-watt option adds 1" to fixture height)	27:2700k 30:3000k 35:3500k 40:4000k WD:Warm Dim 1800K to 3000K (Not Avail. for 18w) RW:RGBW TD:Tunable White 2700K to 6500K (Daylight Range 2700K to 6500K) TH:Tunable White 1800K to 4000K (Hospitality Range 1800K to 4000K)	A:80 B:95	6:60° 3:36° 2:24° 1:10°(10° not possible with Warm Dim)	F:Frosted X:Hex Louver + Solite L:Cross Louver + Solite P:Prismatic S:Solite C:Clear	WS:Matte White BK:Matte Black WK:White Trim / Black Splay BP:Black Pearl SN:Satin Nickel BZ:Bronze CC:Custom Color	0:No Driver N:Non-Dimmable E:ELV Dimmable Z:0-10V Dimmable to 1% B:Bluetooth L:Lutron™ (Lutron EcoSystem / Contact sales for price) D:DALI(Only for - option) X:DMX V:Constant Voltage Dimmable (Price does not include power supply)	00:No Housings (Option when product is installed in Low Voltage - Class 2) D0:Class 2, Non-IC E0:Airtight Enclosure F0:Chicago Plenum G0:Title 24 for Residential R0:Retro-Fit Enclosure RL:Retro-Fit for Lutron™ A0:Class 1, IC B0:Class 1, Non-IC	D:Dry IP 20 W:Wet IP 65

Optional Emergency Backup Battery can be found on Products/[Accessories](#)

Generated on 10-18-2023

Zaniboni lighting - Ph +1(727)213-0410 - Fx +1(727)683 - 9720 - zanibonilighting.com - 101 N Garden Ave Suite 230, Clearwater - FL 33755

The manufacture reserves the right to change or modify the design, dimensions, and photometric information at any time without notice. The manufacture accepts no liability for consequential damage which is occasioned to the user based on the data provided. Generated on 10-18-2023.



Job Name : The District - Beach Club

Manufacturer : ZANIBONI

Model Number : D2-LUNA2-13-27-80-6S-X-E-W

Type :
S07

Specifications

This specification Grade LED downlight offers a wide selection of LED modules options to address design requirements in the spaces it illuminates. Many additional custom options are available; please contact manufacturer for details.

LED source

Tool-free field-replaced LED module. Proprietary high performance aluminum die cast heatsink for maximum LED life.

Source

Computer-optimized reflector design. High reflected finish aluminum. Tool-free field-interchangeable reflectors and lens. 0-20°(O version), 0-40°(J version) vertical and 360° horizontal adjustment.

Body

Die-cast aluminum frame and body.

Trim

Die-cast aluminum CNC machine finished. Minimal thickness. White can be field painted to match adjacent finishes.

Fixture retention

Two torsion springs hold the fixture tight to the ceiling accommodating ceiling thickness from 1/16" to 1". Special springs for thicker ceiling available on request.

Life

Rated for 50,000 hours at 70% lumen maintenance.

Label

ETL listed for US Canada. CE labeled. CCC label available on request.

Warranty

5 years limited warranty.

Wet location

(if option is available and selected on page 1) Sealed lens and integral silicon gasket behind the trim.

Dimming compatibility

Zaniboni fixture are compatible with all major dimming protocol in the industry. Please refer to zanibonilighting.com for general compatibility and wiring diagrams. Zaniboni recommends testing your unique dimming configuration as the exact full configuration (Dimmer, drivers, fixture quantities, voltage) may affect dimming performance.



N: Non-Dimmable

110-277V, 50/60Hz.

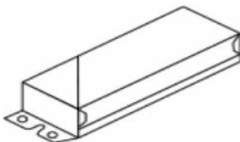
Economic solution for ON-OFF applications not requiring dimming.



E: ELV Dimmable

110-277V, 50/60Hz.

For ELV(Electronic Low Voltage) dimmers. Best for new construction application. Dims down to less than 10% light output(most cases). Consult dimming manufacturer for installation instructions. Must meet dimmer Minimum load Requirements.



Z: 0-10V Dimmable

110-277, 50/60Hz.

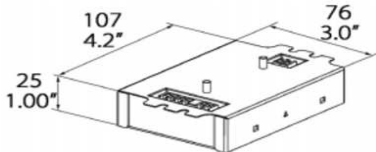
Prevalent solution on commercial projects. Integrates into a variety of building management and day lighting controls. Dims down to less than 1% light output(most cases). Must meet dimmer Minimum Load Requirements. Consult dimming manufacturer for installation instructions.



L: Lutron Hi-Lume A LDE

120-277V, 50/60Hz.

For LUTRON EcoSystem drivers only. Continuous dimming to 1% Consult dimming manufacturer for installation instructions. Requires access from above on all fixtures with a cutout below 81mm.



T: Lutron Hi-Lume A LTE

120V, 50/60Hz.

For 2-wire Forward Phase Controls. Continuous dimming to 1% Consult dimming manufacturer for installation instructions. Requires access from above on all fixtures with a cutout below 81mm.

N&E: Non-Dimmable & ELV Drivers

Measurements	LWH in mm	LWH in inches
7W - 9W - 13W	85.5 - 38 - 27.7	3.36" - 1.49" - 1.09"
18W - 26W	89 - 41 - 31.5	3.5" - 1.62" - 1.24"
36W - 50W	89 - 41 - 31.5	3.5" - 1.62" - 1.24"

N&E: Non-Dimmable, ELV Drivers & 0-10V Dimmable

Measurements	LWH in mm	LWH in inches
7W - 9W - 13W	85.3 - 38 - 27.7	3.36" - 1.49" - 1.09"
18W - 26W	89 - 41 - 31.5	3.5" - 1.62" - 1.24"
36W - 50W	138 - 47 - 32	5.43" - 1.85" - 1.25"

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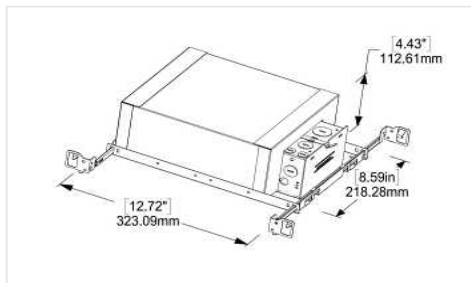
The manufacture reserves the right to change or modify the design, dimensions, and photometric information at any time without notice. The manufacture accepts no liability for consequential damage which is occasioned to the user based on the data provided. Generated on **10-18-2023**.



Job Name : The District - Beach Club
Manufacturer : ZANIBONI
Model Number : D2-LUNA2-13-27-80-6S-X-E-W

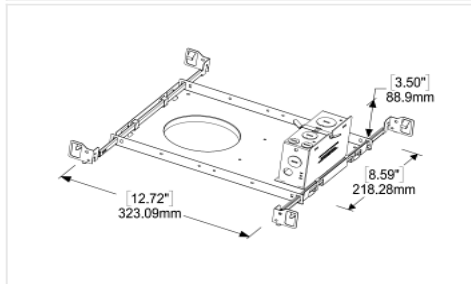
Type :
S07

Enclosures



A0: Class 1, IC

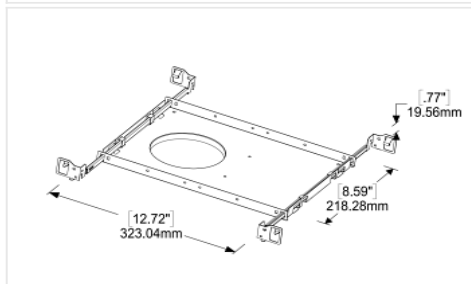
For installation in ceilings with insulation. Driver "on board".



B0: Class 1, Non-IC

For installation in ceilings with no insulation or spray foam. Driver "on board".

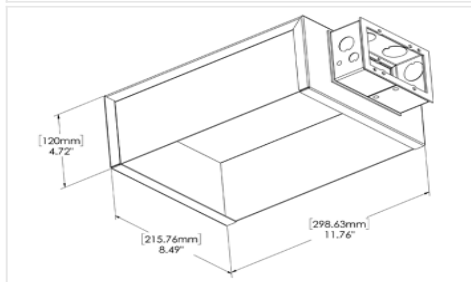
National or municipal codes must be followed regarding set back of thermal insulating material from fixture. Fixture are not designed for direct contact with thermal insulation.



D0: Class 2, Non-IC

For installation on ceiling without insulation

National or municipal codes must be followed regarding set back of thermal insulating material from fixture. Fixture are not designed for direct contact with thermal insulation. Driver must be remote.



E0: Airtight Enclosure

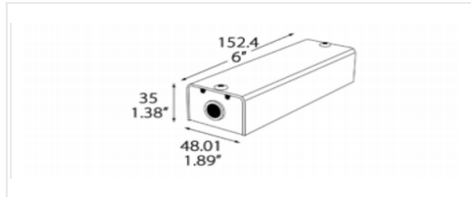
For installation where AT(Air-Tight) standards is required.

F0: Chicago Plenum

Enclosure complies with Chicago Plenum requirements.

G0: Title 24 for Residential

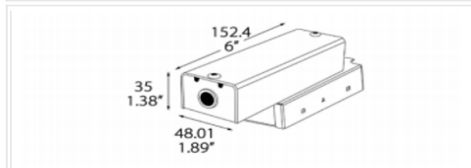
Enclosure complies with California Title 24 requirements for specific residential applications. Please consult with your local inspector



R0: Retro Fit-Enclosure

Available in assorted cutout sizes for easy installation of light fixture. For installation in plaster or t-bar ceilings.

National or municipal codes must be followed regarding set back of thermal insulating material from fixture. Fixture are not designed for direct contact with thermal insulation. 2.25" ceiling clearance will be needed to fit a retro fit box.



RL: Retro Fit-Enclosure Coupled With Lutron HI-Lume Driver

When the Retro-Fit Enclosures is paired with any Lutron Driver, the Lutron Driver will be mounted atop the Retro-Fit enclosure with the line voltage connection inside the junction box. Requires access from above on all fixtures with a cutout below 104mm.

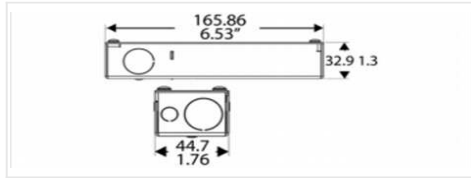


Job Name : The District - Beach Club

Manufacturer : ZANIBONI

Model Number : D2-LUNA2-13-27-80-6S-X-E-W

Type :
S07



RM: Retro-Fit Mini

Used with our 1" aperture Lunas&Albas.

National or municipal codes must be followed regarding set back of thermal insulating material from fixture. Fixture are not designed for direct contact with thermal insulation.



Job Name : The District - Beach Club
Manufacturer : CORONET LIGHTING
Model Number : LS2_LED 4FT 27K MED UNV DB W

Type :
S09



a CarbonNeutral company

LS2 Direct

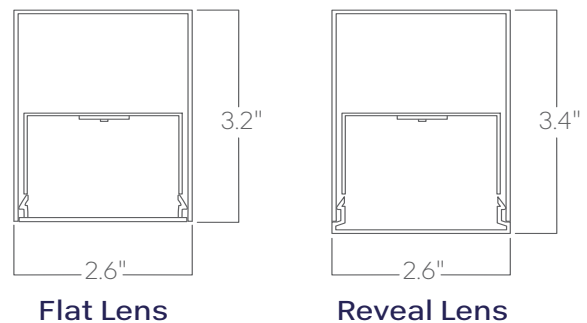


The LS Series of architectural luminaires offers a wide range of profiles and mounting options. Custom lengths and patterns are tailored to suit any modern space.

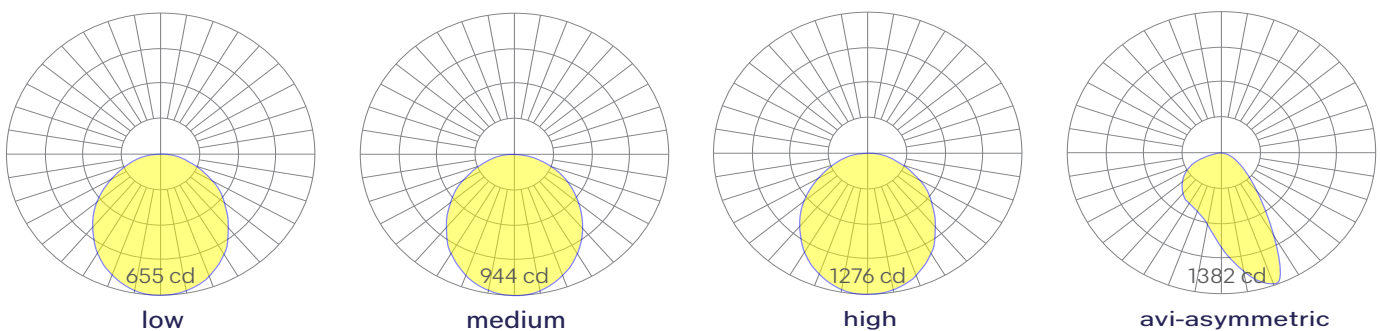
Features

- Extruded recycled aluminum housing
- Aluminum core LED boards, specifiable optics
- Specifiable color temperature. CRI > 90, R9 >50
- Custom lengths, welded patterns, and finishes available
- Integral specifiable dimmable drivers or PoE
- 5 Year, 50,000 hour warranty, damp location rated
- WELL Building Standard compatible [learn more](#)

Dimensions



Optics



Representative distribution and peak candela. For other options see order information or IES files [here](#).

Modification date: July, 2023

Page 1 of 4

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Job Name : The District - Beach Club
Manufacturer : CORONET LIGHTING
Model Number : LS2_LED 4FT 27K MED UNV DB W

Type :
S09



a CarbonNeutral company

LS2 Direct

Ordering Information

1 - 2 - 3 - 4 - 5 - 6 - 7 - 8 - 9 - 10 - 11 - 12

Example: LS2 - 8 - 35 - MED - UNV - DB - W - AC - FL - CCS - DAYCKT - NA

Fixture ID 1	Length 2	Color Temperature 3	Output 4
LS2	2 2 ft 4 4 ft 8 8 ft X'-X" Specify Length¹ PAT Pattern (Consult Factory)	27 2700K/90 CRI 30 3000K/90 CRI 35 3500K/90 CRI 40 4000K/90 CRI 50 5000K/90 CRI WD¹ Warm Dim 2200K-3000K TW² Tunable White 2700K-6500K RGBW30³ RGB +white, 3000k RGBW35³ RGB +white, 3500k RGBW40³ RGB +white, 4000k ¹Must use WD10 driver. ²Must use TW10 or PSQ driver. ³Must use remote DMX driver. "High" output not available.	LOW Low output MED Medium output HIGH High output CUST Custom output¹ ¹consult factory
Voltage 5	Driver 6	Finish 7	Mounting 8
UNV Universal (120/277V) 347V¹ 347V	DB Standard 0-10V 1% DB.1% 0-10V 0.1% ELV² Reverse Phase 1% (120V only) TRI² Forward phase (120V only) LDE1 Lutron Digital EcoSystem JA8 JA8 compliant 1% dimming DALI DALI-2 Driver PoE Power over ethernet TW10 2 ch, 0-10V for tunable white. WD10 0-10V Warm Dim PSQ Lutron T-Series 2-channel 1% for tunable white DMX¹ DMX512 ¹Set to default address 001. Contact us for other addressing needs. All DMX drivers provided in remote enclosures. ²For compatible dimmers, click here.	W White BLK Black SLV Silver CC Custom Color CWF¹ Custom Wood Finish ¹Custom Color. See finish options here. White SJ cord and canopy provided; for other requests, see section 12 to specify.	AC Aircraft Cable (50") AC3.5 3.5" canopy + jbox adaptor¹ ACPC Aircraft cable to Conduit Pipe Canopy SMHC Surface Mount, Hard ceiling SMTB Surface Mount, Tbar clip WM Wall Mount PS-X Pendant Stem (12", 18", 24", 36", 48") ¹Adaptor must be mudded-in White stems and canopy provided unless otherwise specified in options (section 12).
Optics 9	Sensors/Controls 10	Circuit 11	Options 12
FL Flat Diffuser RV 0.2" Reveal Lens AVI ASY Flat, Asymmetric Lens	NA None EIS Enlighted sensor WISM Wattstopper occupancy WISD Wattstopper daylight ACM Acuity nLight module only ACS Acuity nLight sensor ACA Acuity nLight air CCS Casambi module AWNLR Lutron Athena Wireless Node AWNRS Lutron Athena Wireless Sensor Consult factory for more options, or click here.	NA None EMPCK Emergency Battery Pack EMCKT Emergency Circuit DAYCKT Daylight Circuit	STD White Canopy + White Cord CAN-X¹ Canopy + color SJ-X² SJ Cord + color ¹See finish options here. ²SJ Cord only available in White or Black.

Performance

Output¹	Watts/ft	Lumens/ft	LPW
Low	5	482	96
Medium	7	654	94*
High	10	888	89

¹Based on a typically configured 90 CRI, 3500K luminaire using one driver.
Custom outputs available. Please consult factory.
For 4000K multiply by 105; for 3000K 0.9; for 2700K, 0.92.
*80 CRI equivalent 109 LPW

Technical Information



click [here](#) or
scan QR code

Wiring diagrams, PoE and sensor details

Modification date: July, 2023

Page 2 of 4

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Job Name : The District - Beach Club
Manufacturer : CORONET LIGHTING
Model Number : LS2_LED 4FT 27K MED UNV DB W

Type :
S09



a CarbonNeutral company

LS2 Direct

Drivers & Electrical

Integral drivers* with 0-10V Dimming standard. Several other driver options available; see ordering information.

*DMX drivers are provided in remote enclosures.

Sensors & Controls

Sensors are installed on an aluminum plate adjacent to the luminaire lens¹. Coronet remains agnostic in our approach to sensors and control systems; our fixtures are compatible with most systems offered.

¹Not applicable to indirect only models. Consult factory.

Emergency Back-Up

For fixtures three-feet or longer, a 4W integral emergency driver may be wired to 4ft sections. 7W, 10W, and 12W drivers are also available (not all integral; consult factory). Emergency circuits for use with building generators are also available.

PoE (Power over Ethernet)

Compatible with virtually all PoE systems including Moxel Coresync, Igor, Smartengine, Platformatics, and NuLED SPICEbox. Consult Factory for systems not listed, See [here](#) for more info.

Finishes

All luminaires are finished in high quality polyester powder coating. Our standard color is white. Any RAL color may be specified.

Weight

3 lbs per foot

Optics

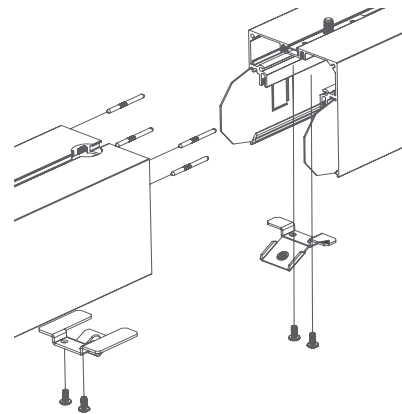
Extruded satin acrylic lenses provide excellent diffusion, high transmission, and no LED imaging.

Construction

Housings are extruded premium, recycled aluminum. Individual fixtures are available up to 12' long and may be specified as nominal or precision lengths. Precision lengths are supplied within 1/8" tolerance.

Joined Runs

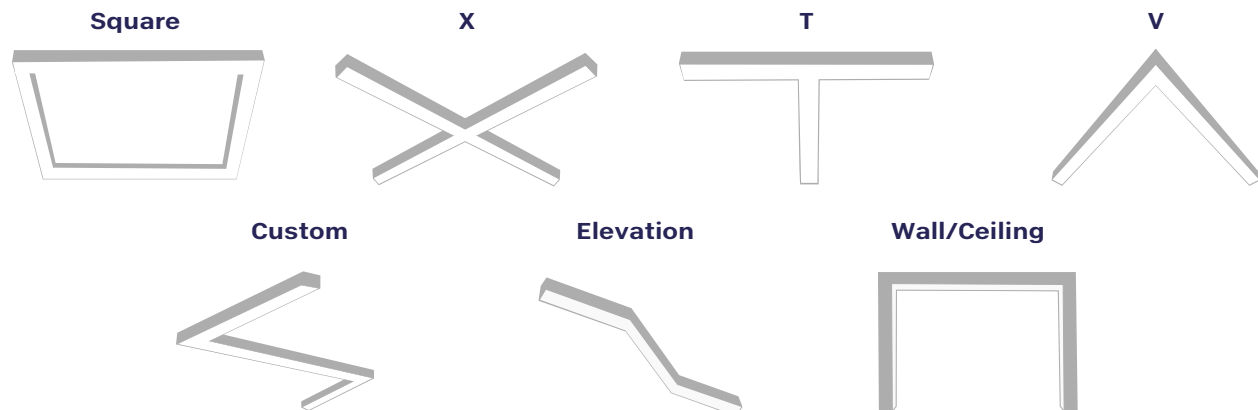
Runs of any length may be specified and are comprised of multiple, factory-engineered, joined sections. Individually specified luminaires are not field joinable.



Representative joinery. For product specific details see installation guides or submittal drawings.

Patterns

Featuring illuminated welded corners and angles. Consult factory for custom designs and elevations.



Modification date: July, 2023

Page 3 of 4



Job Name : The District - Beach Club
Manufacturer : CORONET LIGHTING
Model Number : LS2_LED 4FT 27K MED UNV DB W

Type :
S09

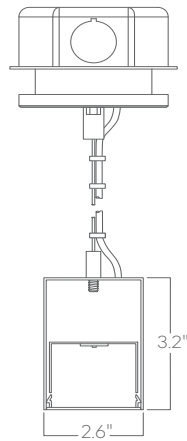


a CarbonNeutral company

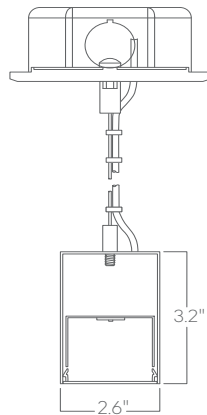
LS2 Direct

Mounting Options

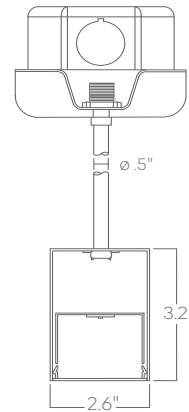
Custom mounting types and ceiling transitions available; consult factory.



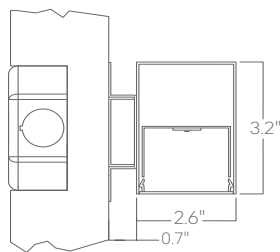
**Aircraft cable
3.5" canopy**



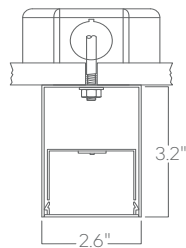
**Aircraft cable
5" canopy**



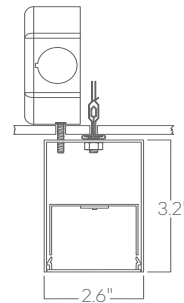
Pendant stem



Wall mount



**Surface mount
Hard Ceiling**



**Surface mount
T Bar clip**

Modification date: July, 2023

Page 4 of 4



Job Name : The District - Beach Club
Manufacturer : CORONET LIGHTING
Model Number : LS2_LED 14FT 27K MED UNV DB W

Type :
S09B



a CarbonNeutral company

LS2 Direct

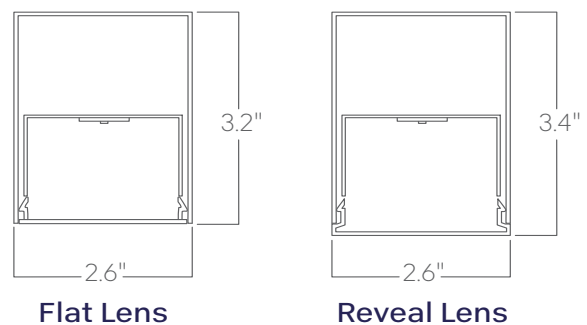


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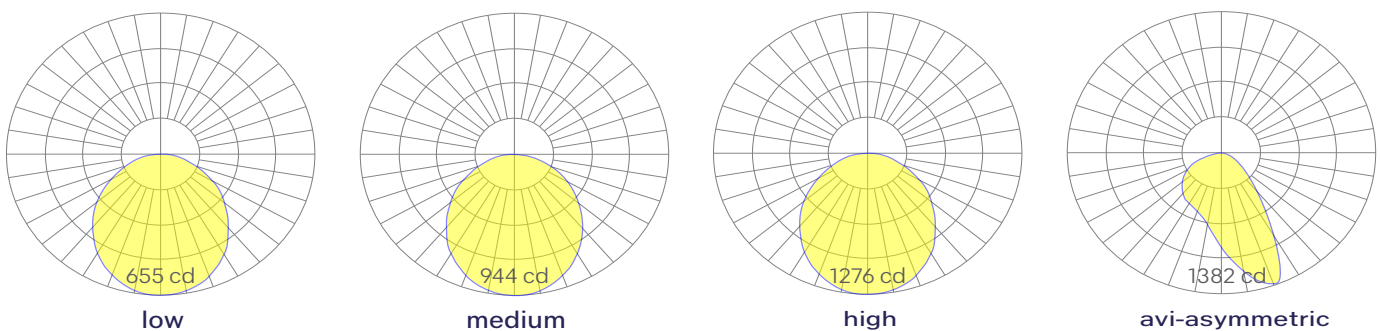
Features

- Extruded recycled aluminum housing
- Aluminum core LED boards, specifiable optics
- Specifiable color temperature. CRI > 90, R9 >50
- Custom lengths, welded patterns, and finishes available
- Integral specifiable dimmable drivers or PoE
- 5 Year, 50,000 hour warranty, damp location rated
- WELL Building Standard compatible [learn more](#)

Dimensions



Optics



Representative distribution and peak candela. For other options see order information or IES files [here](#).

Modification date: July, 2023

Page 1 of 4



Job Name : The District - Beach Club
Manufacturer : CORONET LIGHTING
Model Number : LS2_LED 14FT 27K MED UNV DB W

Type :
S09B



a CarbonNeutral company

LS2 Direct

Ordering Information

1 - 2 - 3 - 4 - 5 - 6 - 7 - 8 - 9 - 10 - 11 - 12

Example: LS2 - 8 - 35 - MED - UNV - DB - W - AC - FL - CCS - DAYCKT - NA

Fixture ID 1	Length 2	Color Temperature 3	Output 4
LS2	2 2 ft 4 4 ft 8 8 ft X'-X" Specify Length¹ PAT Pattern (Consult Factory) 14' RUN ¹Precision lengths may be specified to the nearest 1/8". All lengths are nominal unless specified to be exact.	27 2700K/90 CRI 30 3000K/90 CRI 35 3500K/90 CRI 40 4000K/90 CRI 50 5000K/90 CRI WD¹ Warm Dim 2200K-3000K TW² Tunable White 2700K-6500K RGBW30³ RGB +white, 3000k RGBW35³ RGB +white, 3500k RGBW40³ RGB +white, 4000k ¹Must use WD10 driver. ²Must use TW10 or PSQ driver. ³Must use remote DMX driver. "High" output not available.	LOW Low output MED Medium output HIGH High output CUST Custom output¹ ¹consult factory
Voltage 5	Driver 6	Finish 7	Mounting 8
UNV Universal (120/277V) 347V¹ 347V	DB Standard 0-10V 1% DB.1% 0-10V 0.1% ELV² Reverse Phase 1% (120V only) TRI² Forward phase (120V only) LDE1 Lutron Digital EcoSystem JA8 JA8 compliant 1% dimming DALI DALI-2 Driver PoE Power over ethernet TW10 2 ch, 0-10V for tunable white. WD10 0-10V Warm Dim PSQ Lutron T-Series 2-channel 1% for tunable white DMX¹ DMX512 ¹Set to default address 001. Contact us for other addressing needs. All DMX drivers provided in remote enclosures. ²For compatible dimmers, click here.	W White BLK Black SLV Silver CC Custom Color CWF¹ Custom Wood Finish ¹Custom Color. See finish options here. White SJ cord and canopy provided; for other requests, see section 12 to specify.	AC Aircraft Cable (50") AC3.5 3.5" canopy + jbox adaptor¹ ACPC Aircraft cable to Conduit Pipe Canopy SMHC Surface Mount, Hard ceiling SMTB Surface Mount, Tbar clip WM Wall Mount PS-X Pendant Stem (12", 18", 24", 36", 48") ¹Adaptor must be mudded-in White stems and canopy provided unless otherwise specified in options (section 12).
Optics 9	Sensors/Controls 10	Circuit 11	Options 12
FL Flat Diffuser RV 0.2" Reveal Lens AVI ASY Flat, Asymmetric Lens	NA None EIS Enlighted sensor WISM Wattstopper occupancy WISD Wattstopper daylight ACM Acuity nLight module only ACS Acuity nLight sensor ACA Acuity nLight air CCS Casambi module AWNRR Lutron Athena Wireless Node AWNS Lutron Athena Wireless Sensor Consult factory for more options, or click here.	NA None EMPCCK Emergency Battery Pack EMCKT Emergency Circuit DAYCKT Daylight Circuit	STD White Canopy + White Cord CAN-X¹ Canopy + color SJ-X² SJ Cord + color ¹See finish options here. ²SJ Cord only available in White or Black.

Performance

Output¹	Watts/ft	Lumens/ft	LPW
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High	10	888	89

¹Based on a typically configured 90 CRI, 3500K luminaire using one driver.
Custom outputs available. Please consult factory.
For 4000K multiply by 105; for 3000K 0.96; for 2700K, 0.92.
*80 CRI equivalent 109 LPW

Technical Information



click [here](#) or
scan QR code

Wiring diagrams, PoE and sensor details

Modification date: July, 2023

Page 2 of 4

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Job Name : The District - Beach Club
Manufacturer : CORONET LIGHTING
Model Number : LS2_LED 14FT 27K MED UNV DB W

Type :
S09B



a CarbonNeutral company

LS2 Direct

Drivers & Electrical

Integral drivers* with 0-10V Dimming standard. Several other driver options available; see ordering information.

*DMX drivers are provided in remote enclosures.

Sensors & Controls

Sensors are installed on an aluminum plate adjacent to the luminaire lens¹. Coronet remains agnostic in our approach to sensors and control systems; our fixtures are compatible with most systems offered.

¹Not applicable to indirect only models. Consult factory.

Emergency Back-Up

For fixtures three-feet or longer, a 4W integral emergency driver may be wired to 4ft sections. 7W, 10W, and 12W drivers are also available (not all integral; consult factory). Emergency circuits for use with building generators are also available.

PoE (Power over Ethernet)

Compatible with virtually all PoE systems including Moxel Coresync, Igor, Smartengine, Platformatics, and NuLED SPICEbox. Consult Factory for systems not listed, See [here](#) for more info.

Finishes

All luminaires are finished in high quality polyester powder coating. Our standard color is white. Any RAL color may be specified.

Weight

3 lbs per foot

Optics

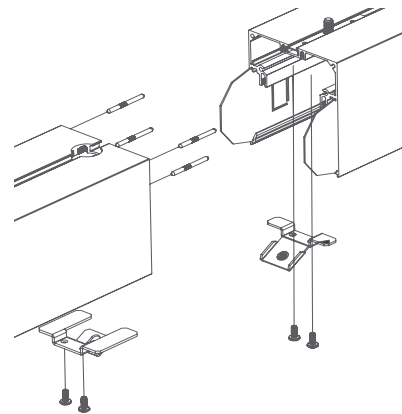
Extruded satin acrylic lenses provide excellent diffusion, high transmission, and no LED imaging.

Construction

Housings are extruded premium, recycled aluminum. Individual fixtures are available up to 12' long and may be specified as nominal or precision lengths. Precision lengths are supplied within 1/8" tolerance.

Joined Runs

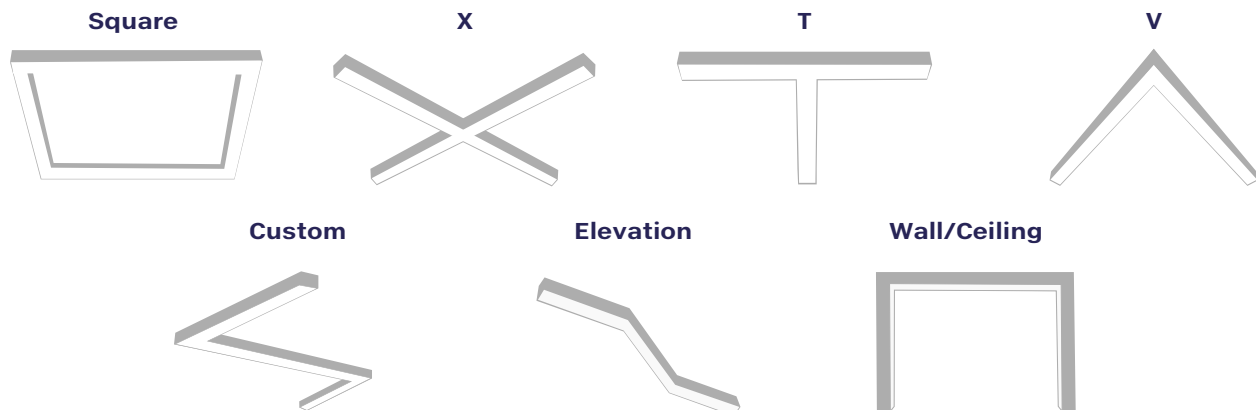
Runs of any length may be specified and are comprised of multiple, factory-engineered, joined sections. Individually specified luminaires are not field joinable.



Representative joinery. For product specific details see installation guides or submittal drawings.

Patterns

Featuring illuminated welded corners and angles. Consult factory for custom designs and elevations.



Modification date: July, 2023

Page 3 of 4



Job Name : The District - Beach Club
Manufacturer : CORONET LIGHTING
Model Number : LS2_LED 14FT 27K MED UNV DB W

Type :
S09B

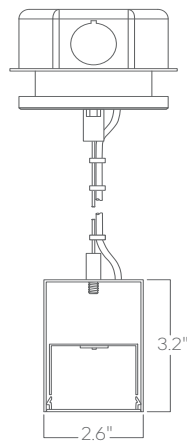


a CarbonNeutral company

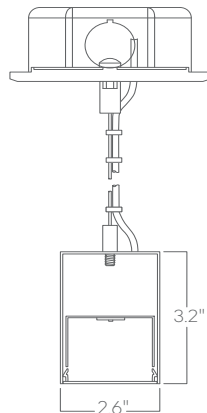
LS2 Direct

Mounting Options

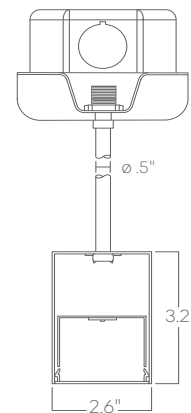
Custom mounting types and ceiling transitions available; consult factory.



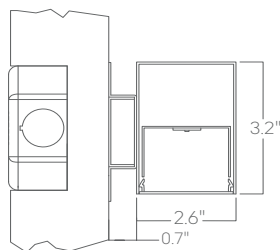
**Aircraft cable
3.5" canopy**



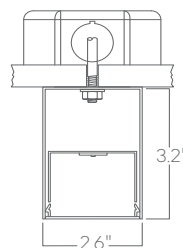
**Aircraft cable
5" canopy**



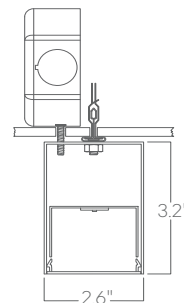
Pendant stem



Wall mount



**Surface mount
Hard Ceiling**



**Surface mount
T Bar clip**

Modification date: July, 2023

Page 4 of 4



Job Name : The District - Beach Club

Manufacturer : ELITE LIGHTING

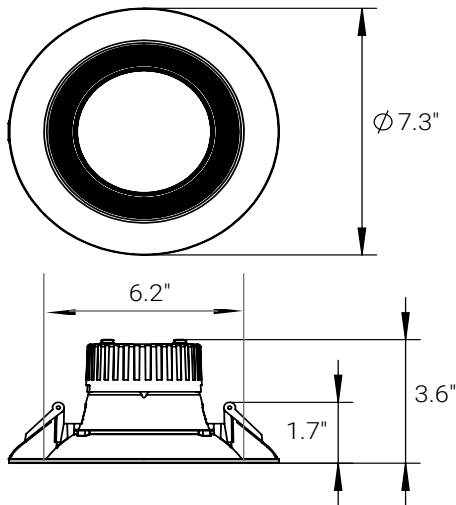
Model Number : RL641-1200L-DIM10-MVOLT-30K-90-WH

Type :
S10



RL641 6"

6 Inch Round Canless LED Retrofit with Multi Lumen/CCT



NOMINAL LUMENS	DELIVERED LUMENS	WATTAGE
1750	1750	22W
1200	1200	15W
800	800	10W

Based on 4000K, 90+ CRI. Actual wattage may vary +/- 5%

INSTALLATION

Cut hole in ceiling. Insert luminaire into opening by squeezing spring clips on both sides of luminaire. You MUST seal all gaps between the ceiling and fixture with weatherproof silicone sealant. This deters moisture and water from damaging fixtures and other mechanical ceiling elements.

FEATURES

6" round baffle multi-CCT LED "Canless Downlight" engineered for new construction, remodel, or retrofit to accommodate insulated or dropped ceilings. Easily access field-adjustable 3 lumen output and 5-Color SeleCCtor switch by lowering the luminaire from the opening. Recessed housing not required, especially with limited plenum applications. Remote driver allows easy installation and maintenance. Small aperture and shallow depth are ideal for unlimited applications.

LUMENS	800/1200/1750
CCT	27K/30K/35K/40K/50K
CRI	90+
COLOR QUALITY	3-Step MacAdam Ellipse
CONSTRUCTION	Aluminum die-cast body and trim
TRIM OPTION	Round Baffle
TRIM COLORS	WH (White)
DIMMING	DIM10 (0-10V)
EMERGENCY	16W high voltage inverter (remote)
LIFETIME	L70 at 50,000 Hours
PHOTOMETRIC TEST	In Accordance with IES LM79-08, LM80 and TM-30, TM-21

- IC-rated and Air-Tight ready and may be in direct contact with insulation.
- Can be installed in shallow plenum spaces.
- May be installed in drywall or suspended ceilings.
- The Elite LED Module is dimmable down to 10% of initial light output with compatible dimmers. Consult factory for complete list of compatible dimming systems.
- Even illumination achieved with patent-pending optics and edge-lit LED.
- Ideal where ceiling or top access is unavailable.
- The Elite LED lighting system carries a five-year carefree warranty for parts and components. (Labor not included)



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Due to the changes of constant improvement in LED technology, all details are subject to change without notice. Consult factory for up to date information.
071223



Job Name : The District - Beach Club
Manufacturer : ELITE LIGHTING
Model Number : RL641-1200L-DIM10-MVOLT-30K-90-WH

Type :
S10



RL641 **6"**
 6 Inch Round Canless LED Retrofit with Multi Lumen/CCT

TRIM

800
1200
1750

W

CCT

2700K
3000K
3500K
4000K
5000K



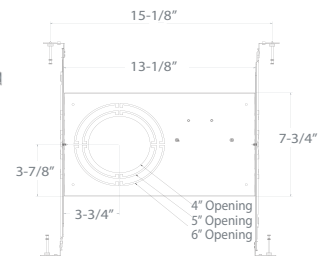
EXAMPLE:
RL641-800L/1200L/1750L-DIM10-MVOLT-27K/30K/35K/40K/50K-90-WH

TYPE	LUMEN	CCT	CRI	FINISH
RL641	800L/1200L/1750L-DIM10-MVOLT	27K/30K/35K/40K/50K	90+	WH - White

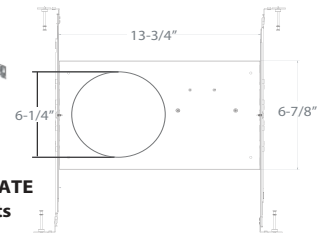
ACCESSORIES



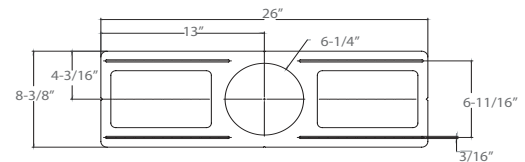
RL-UNV-4/5/6
 For use with: 4", 5", 6"
 Universal mounting plate



AL-ACC-SLIM-6-F-ROUGHPLATE
 For use with: 6" downlights



RL-ACC-SLIM-6-ROUGHPLATE
 Rough-in plate for use with 6" downlights



RL-UNV-4/5/6

OPTIONS

- ☐ RL-UNV-4/5/6 - Universal Mounting Plate for 4", 5" and 6"
- ☐ RL-ACC-SLIM-6-F-ROUGHPLATE - 6" Mounting Plate
- ☐ AL-ACC-SLIM-6-F-ROUGHPLATE - 6" Flanged Roughplate
- ☐ UNVE-6-BP31 - Universal mounting plate



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Job Name : The District - Beach Club
Manufacturer : VLT LIGHTING
Model Number :

Type :
S11

ATLANTIS SERIES

UNDERWATER FIXTURES FOR POOLS AND FOUNTAINS



- MARINE GRADE 316 STAINLESS STEEL
- FULLY SUBMERSIBLE TO 30 FEET
- FIXED FLOOD OR SPOT LENSES
- ROUGH-IN KIT FOR POURED CONCRETE
- FULL PHOTOMETRICS USING VLT LUX CALCULATOR
- UNDERWATER RATED FOR POOLS AND FOUNTAINS

FIXTURE LOCATED UNDERWATER - NOT
INCLUDED ON PHOTOMETRIC



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03.22



Job Name : The District - Beach Club

Manufacturer : VLT LIGHTING

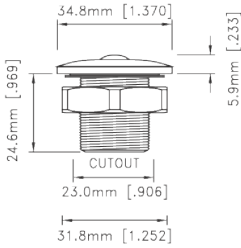
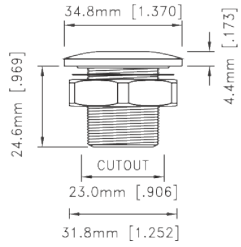
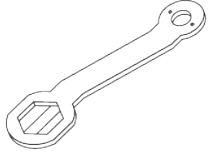
Model Number :

Type :
S11

Fiber Optic Lighting

ATLANTIS SERIES - UNDERWATER FIXTURES FOR POOLS AND FOUNTAINS

35mm Underwater Fixtures

SPECIFICATIONS		CAT. NO. AT - ID - FX - 35 - 12 - SS
	Fiber Type: PMMA or Glass Fiber Sizes: 2.0mm, 3.0mm, 4.5mm, 6.0mm Ferrule Type: Indoor Ferrule Fixture Size: 35mm Lens Type: 12mm Domed Glass Lens Focus: Fixed Beam Angle: 10° - 36° (7° - 27° in water) Mounting: Semi-Recessed, Conduit or Plate Primary Material: Stainless Steel IP Rating: IP68 to 10m Depth	Description: Atlantis Series (Roblon Aquarius 35 Medium) fixed-focus underwater fixture with 12mm domed glass lens and 35mm outer diameter; 10° - 36° beam angle (fiber size dependent); underwater rated (IP68 to 10m depth); accepts PMMA or glass fiber up to 6.0mm; mounts into conduit or onto metal plate (nut provided); electro-polish finish. Finishes Available: Stainless Steel - Marine Grade 316
SPECIFICATIONS		CAT. NO. AT - OD - FX - 35 - PG - SS
	Fiber Type: PMMA or Glass Fiber Sizes: 2.0mm, 3.0mm, 4.5mm, 6.0mm Ferrule Type: Outdoor Ferrule Fixture Size: 35mm Lens Type: Plain Flat Glass Lens Focus: Fixed Beam Angle: 54° (38° in water) Mounting: Semi-Recessed, Conduit or Plate Primary Material: Stainless Steel IP Rating: IP68 to 10m Depth	Description: Atlantis Series (Roblon Aquarius 35 Wide) fixed-focus underwater fixture with plain flat glass lens and 35mm outer diameter; 54° beam angle; underwater rated (IP68 to 10m depth); accepts PMMA or glass fiber up to 6.0mm; mounts into conduit or onto metal plate (nut provided); electro-polish finish. Finishes Available: Stainless Steel - Marine Grade 316
SPECIFICATIONS		CAT. NO. AT - AC - MK - 35
	Accessory: Mounting Kit Fixture Size: 35mm Dimensions: 33mm x 65mm [ø 1.30 x 2.56] Conduit Size: 1/2"	Description: Atlantis Series rough-in kit for poured concrete installations; for use with 35mm fixture; connects to 1/2" Schedule 40 conduit.
SPECIFICATIONS		CAT. NO. AT - AC - TK - 35
	Accessory: Tool Kit Fixture Size: 35mm	Description: Atlantis Series tool kit for installation of fixture; for use with 35mm fixture.



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03.22



Job Name : The District - Beach Club
Manufacturer : VLT LIGHTING
Model Number :

Type :
S11

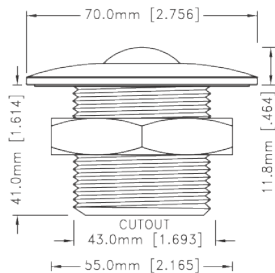
Fiber Optic Lighting

ATLANTIS SERIES - UNDERWATER FIXTURES FOR POOLS AND FOUNTAINS

70mm Underwater Fixtures

SPECIFICATIONS

CAT. NO. AT - ID - FX - 70 - 26 - SS



Fiber Type: PMMA or Glass
Fiber Sizes: 3.0mm, 4.5mm, 6.0mm, 8.0mm, 9.0mm, 10.0mm
Ferrule Type: Indoor Ferrule
Fixture Size: 70mm
Lens Type: 26mm Domed Glass Lens
Focus: Fixed
Beam Angle: 7° - 33° (5° - 24° in water)
Mounting: Semi-Recessed, Conduit or Plate
Primary Material: Stainless Steel
IP Rating: IP68 to 10m Depth

Description:

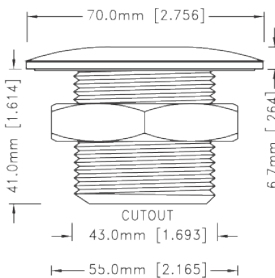
Atlantis Series (Roblon Aquarius 70 Focus) fixed-focus underwater fixture with 26mm domed glass lens and 70mm outer diameter; 7° - 33° beam angle (fiber size dependent); under-water rated (IP68 to 10m depth); accepts PMMA or glass fiber up to 10.0mm; mounts into conduit or onto metal plate (nut provided); electro-polish finish.

Finishes Available:

Stainless Steel - Marine Grade 316

SPECIFICATIONS

CAT. NO. AT - OD/MX - FX - 70 - PG - SS



Fiber Type: PMMA or Glass
Fiber Sizes: 3.0mm, 4.5mm, 6.0mm, 8.0mm, 9.0mm, 10.0mm
Ferrule Type: Outdoor Ferrule
Fixture Size: 70mm
Lens Type: Plain Flat Glass Lens
Focus: Fixed
Beam Angle: 54° (38° in water)
Mounting: Semi-Recessed, Conduit or Plate
Primary Material: Stainless Steel
IP Rating: IP68 to 10m Depth

Description:

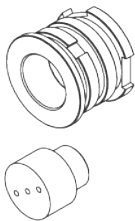
Atlantis Series (Roblon Aquarius 70 Wide) fixed-focus underwater fixture with plain flat glass lens and 70mm outer diameter; 54° beam angle; underwater rated (IP68 to 10m depth); accepts PMMA or glass fiber up to 10.0mm; mounts into conduit or onto metal plate (nut provided); electro-polish finish.

Finishes Available:

Stainless Steel - Marine Grade 316

SPECIFICATIONS

CAT. NO. AT - AC - MK - 70



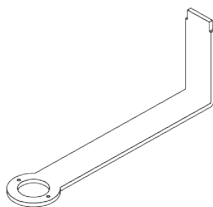
Accessory: Mounting Kit
Fixture Size: 70mm
Dimensions: ø 68mm x 70mm [ø2.68 x 2.76]
Conduit Size: 1" or 1.5"

Description:

Atlantis Series rough-in kit for poured concrete installations; for use with 70mm fixture; connects to 1" or 1.5" Schedule 40 conduit.

SPECIFICATIONS

CAT. NO. AT - AC - TK - 70



Accessory: Tool Kit
Fixture Size: 70mm

Description:

Atlantis Series tool kit for installation of fixture; for use with 70mm fixture.



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03.22



Job Name : The District - Beach Club

Manufacturer : ELITE LIGHTING

Model Number : 24-FPL-BL-LED-3000L-4000L-5000L-DIM10-MVOLT-35K-40K-50K-85(4000L)

Type :
S12



By Elite Lighting

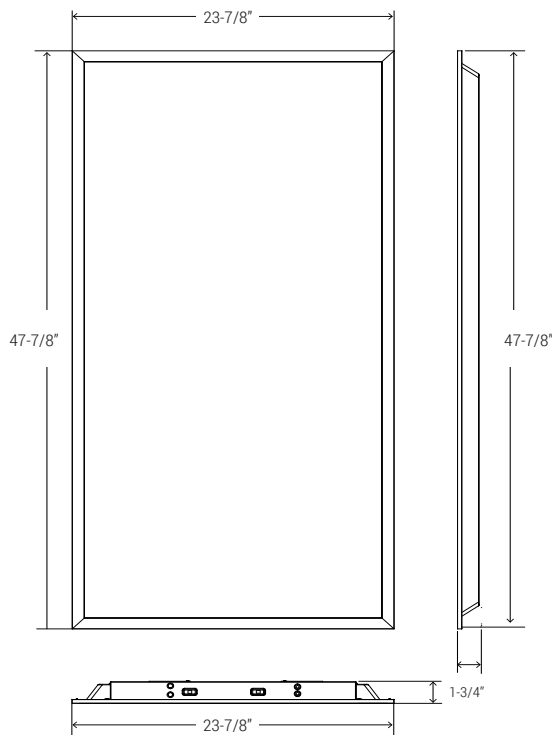
24-FPL-BL-LED

2'x4'

2' x 4' Architectural LED Flat Panel Backlit with Multiple Lumens and CCT



EASY 3 COLORS
SELECTOR
3500K • 4000K • 5000K



FEATURES

The clean design of the FPL-BL provides a modern alternative to traditional fluorescent troffers. Available in 1x4, 2x2, and 2x4. Backlit design delivers unmatched uniform light distribution. Easily adjust brightness level (multi-lumen) and color options (multi-CCT) in the field with multi-lumen and multi-CCT selectors. Perfect for offices, schools, healthcare, hospital, retail, among other applications.

LUMENS	3000/ 4000/ 5000 4000/ 5000/ 6000 6000/ 7000/ 8000
CCT	35K/ 40K/ 50K 30K/ 35K/ 40K
CRI	85+
UGR	<19
COLOR QUALITY	3 Step MacAdam Ellipse
SIZE	2'x4', 2'x2', 1'x4'
MOUNTING	Recessed, Suspended, Surface Mount
DIMMING & CONTROL	0-10V Flicker Free 10% Dimming Standard (DIM10)
EMERGENCY	10W - Up to 1000L output 20W - Up to 2000L output
WORKING TEMPERATURE	-20°C (-4°F) to 40°C (104°F).
LIFETIME	L70 at 60,000 Hours
PHOTOMETRIC TESTS	In Accordance with IES LM79-08, LM80 and TM-30, TM-21

6000/7000/8000		
NOMINAL LUMENS	DELIVERED LUMENS	WATTAGE
8000	7372	54W
7000	7097	52W
6000	6106	44W

Based on 4000K, 85+ CRI. Actual wattage may vary +/- 5%

3000/4000/5000		
NOMINAL LUMENS	DELIVERED LUMENS	WATTAGE
5000	5435	49W
4000	4814	39W
3000	3799	30W

Based on 4000K, 85+ CRI. Actual wattage may vary +/- 5%

4000/5000/6000		
NOMINAL LUMENS	DELIVERED LUMENS	WATTAGE
6000	6106	44W
5000	5435	49W
4000	4814	39W

Based on 4000K, 85+ CRI. Actual wattage may vary +/- 5%



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Job Name : The District - Beach Club

Manufacturer : ELITE LIGHTING

Model Number : 24-FPL-BL-LED-3000L-4000L-5000L-DIM10-MVOLT-35K-40K-50K-85(4000L)

Type :

S12



By Elite Lighting

24-FPL-BL-LED 2'x4'

2' x 4' Architectural LED Flat Panel Backlit with Multiple Lumens and CCT

MAINTENANCE

The driver is removable and upgradable even after installation. Luminaire can be regularly and safely wiped down for peak performance.

OPTICAL SYSTEM

Backlit design provides exceptional light distribution. Illumination is spread across the entire surface of the panel, emitting soft, even light. A 110-degree beam angle ensures clear, shadow-free light.

CONSTRUCTION

20-gauge cold rolled steel body, post-painted for durability. White finish standard. All corners are rounded for safe handling. Multiple wiring entrances allow for easy access.

MOUNTING

Easy to install. Mounting hardware included. Accommodates lay-in ceilings, Slot T, and T-bar suspension systems for 5/8" and 3/8" ceiling widths. Four corner tie points and built-in earthquake clips come standard. Options for flange kits, surface mounted kits, and more. SMK required if suspending the fixture.

OPTIONS

Luminaires can be shipped pre-installed with whips, modular wiring systems.

DRIVER ELECTRICAL INFORMATION

Powered by high-quality constant-current power LED drivers which are rated for 50 to 60Hz at 120/277V input. Available in 347V, produce less than 20% THD, and have a power factor of .90 to 1.00.

DIMMING & DRIVER INFORMATION

DIM10 - Flicker Free 10% Dimming Standard (DIM10) 0-10V dimming on either MVOLT 120, 277V and 347V

WARRANTY

Five-year warranty for parts and components. (Labor not included)

LISTINGS

c-UL-us - Listed for Feed Through Wiring.

Can be used to comply with Title 24, non residential lighting requirements.

Damp location rated.

For DesignLights Consortium® (DLC) qualified products please visit www.designlights.org. Not all family members will be listed for DLC Premium or DLC Standard.

Example: 24-FPL-BL-LED-3000L/4000L/5000L-DIM10-M VOLT-35K/40K/50K-85

24	FPL-BL	LED							
FIXTURE SIZE	SERIES	TYPE	LUMENS	DIMMING	VOLTAGE	CCT	CRI	EMERGENCY	OTHER OPTIONS
24 - 2' X 4'	FPL-BL - LED Flat Panel Backlit	LED	3000L/4000L/5000L 4000L/5000L/6000L 6000L/7000L/8000L	DIM10 - 0-10V Dimming	MVOLT 347V	35K/40K/50K 30K/35K/40K	85	0-EMG-LED-10W 0-EMG-LED-20W 0-EMG-LED-10W-347	24FK - 2'x4' Flange Kit 24-FPL1-LED-SMK - 2'x4' Surface Mount Kit USA - Made in America Compliance



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Job Name : The District - Beach Club

Manufacturer : ELITE LIGHTING

Model Number : 24-FPL-BL-LED-3000L-4000L-5000L-DIM10-MVOLT-35K-40K-50K-85(4000L)

Type :
S12

ORACLE
LIGHTING

By Elite Lighting

2' x 4' Architectural LED Flat Panel Backlit with Multiple Lumens and CCT

24-FPL-BL-LED 2'x4'

24-FPL-BL-LED-3000L-4000L-5000L-DIM10-MVOLT-35K-40K-50K-85(3000L)

INPUT WATTS: **30**

LUMENS: **3799**

CRI: **85**

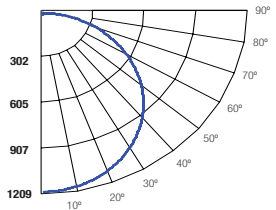
EFFICACY: **127**

CCT: **40K**

TEST NO.: **EL05212055**

SPACING CRITERIA: **1.42**

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	442.34	11.60	11.60
0-30	946.75	24.90	24.90
0-40	1567.01	41.30	41.20
0-60	2851.05	75.10	75.10
0-80	3655.98	96.20	96.20
0-90	3766.15	99.10	99.10

Luminance (Average candela/M²)

Angle in Degrees	Average 0°	Average 45°	Average 90°
45	1622	1632	1651
55	1607	1623	1651
65	1564	1588	1633
75	1501	1532	1609
85	1509	1557	1701

Lumens Per Zone

Zone	Lumens
0-10	113.92
10-20	328.42
20-30	504.42
30-40	620.26
40-50	663.13
50-60	620.91
60-70	494.75
70-80	310.17
80-90	110.18

Candela Tabulation

Q	
0	1202.581
5	1202.100
15	1165.530
25	1095.690
35	991.390
45	853.220
55	685.790
65	491.790
75	289.080
85	97.830
90	22.650

Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 0.20

ROOM CAVITY RATIO	RC	80%				70%				50%				30%				10%				0%
	RW	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%			
	0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	101	101	101	99			
	1	108	103	98	94	105	100	96	92	96	92	89	92	89	86	88	86	84	81			
	2	98	89	82	76	95	87	80	75	83	78	73	80	75	71	76	73	69	67			
	3	89	78	69	62	86	76	68	62	73	66	60	70	64	59	67	62	58	56			
	4	81	68	59	52	78	67	59	52	64	57	51	62	55	50	60	54	50	47			
	5	74	61	52	45	72	60	51	45	58	50	44	55	49	43	53	48	43	41			
	6	68	55	46	39	66	54	45	39	52	44	38	50	43	38	48	42	37	35			
	7	63	50	41	34	62	49	40	34	47	39	34	45	39	33	44	38	33	31			
8	59	45	36	30	57	44	36	30	43	35	30	42	35	30	40	34	30	28				
9	55	41	33	27	54	41	33	27	39	32	27	38	32	27	37	31	27	25				
10	52	38	30	25	50	38	30	25	36	29	24	35	29	24	34	28	24	22				

RC - Ceiling Cavity Reflectance

RW - Wall Reflectance

24-FPL-BL-LED-3000L-4000L-5000L-DIM10-MVOLT-35K-40K-50K-85(4000L)

INPUT WATTS: **38.9**

LUMENS: **4814**

CRI: **85**

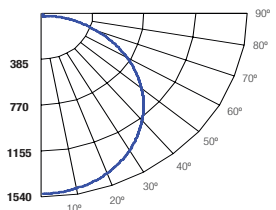
EFFICACY: **124**

CCT: **40K**

TEST NO.: **EL05212058**

SPACING CRITERIA: **1.42**

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	563.96	11.70	11.70
0-30	1206.55	25.10	25.10
0-40	1996.13	41.50	41.50
0-60	3620.21	75.20	75.20
0-80	4636.73	96.30	96.30
0-90	4773.11	99.10	99.10

Luminance (Average candela/M²)

Angle in Degrees	Average 0°	Average 45°	Average 90°
45	2075	2078	2083
55	2060	2064	2072
65	2011	2017	2030
75	1924	1935	1939
85	1982	1960	1943

Lumens Per Zone

Zone	Lumens
0-10	145.29
10-20	418.67
20-30	642.59
30-40	789.57
40-50	839.30
50-60	784.79
60-70	626.73
70-80	389.79
80-90	136.38

Candela Tabulation

Q	
0	1534.167
5	1532.450
15	1488.220
25	1399.400
35	1266.570
45	1091.670
55	879.130
65	632.160
75	370.530
85	128.500
90	31.130

Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 0.20

ROOM CAVITY RATIO	RC	80%				70%				50%				30%				10%				0%
	RW	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%			
0		119	119	119	119	116	116	116	116	111	111	111	106	106	106	101	101	101	99			
1		108	103	98	94	105	100	96	92	96	92	89	92	89	86	88	86	84	81			
2		98	89	82	76	95	87	80	75	83	78	73	80	75	71	77	73	69	67			
3		89	78	69	62	86	76	68	62	73	66	61	70	64	59	67	62	58	56			
4		81	69	59	52	79	67	59	52	64	57	51	62	56	50	60	54	50	47			
5		74	61	52	45	72	60	51	45	58	50	44	55	49	43	54	48	43	41			
6		69	55	46	39	67	54	45	39	52	44	38	50	43	38	48	42	38	35			
7		63	50	41	34	62	49	40	34	47	39	34	46	39	34	44	38	33	31			
8		59	45	36	31	57	44	36	30	43	35	30	42	35	30	40	34	30	28			
9		55	41	33	27	54	41	33	27	40	32	27	38	32	27	37	31	27	25			
10		52	38	30	25	50	38	30	25	37	29	25	36	29	24	35	29	24	22			

RC - Ceiling Cavity Reflectance

RW - Wall Reflectance

24-FPL-BL-LED-3000L-4000L-5000L-DIM10-MVOLT-35K-40K-50K-85(5000L)

INPUT WATTS: **49.1**

LUMENS: **5435**

CRI: **N/A**

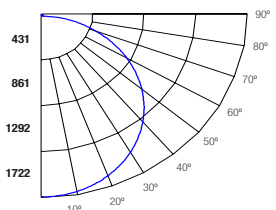
EFFICACY: **111**

CCT: **3500K**

TEST NO.: **EL01102031**

SPACING CRITERIA: **1.42**

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	631.16	11.60	11.60
0-30	1351.00	24.90	24.90
0-40	2236.37	41.10	41.10
0-60	4059.28	74.70	74.70
0-80	5211.67	95.90	95.90
0-90	5372.62	98.90	98.90

Luminance (Average candela/M²)

Angle in Degrees	Average 0°	Average 45°	Average 90°
45	2356	2282	2254
55	2342	2245	2209
65	2303	2157	2111
75	2204	2005	1945
85	2305	1835	1732

Lumens Per Zone

Zone	Lumens
0-10	162.56
10-20	468.61
20-30	719.83
30-40	885.37
40-50	942.46
50-60	880.45
60-70	708.05
70-80	444.34
80-90	160.95

Candela Tabulation

Q	
0.0	1716.424
5.0	1715.660
15.0	1667.880
25.0	1572.350
35.0	1429.560
45.0	1239.330
55.0	999.370
65.0	724.000
75.0	424.450
85.0	149.450
90.0	30.110

Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 0.20

RC	80%				70%				50%			30%			10%			0%	
	RW	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%		10%
0	119	119	119	119	119	116	116	116	116	110	110	110	106	106	106	101	101	101	99
1	108	108	108	108	94	105	100	96	92	96	92	89	91	89	86	88	85	83	81
2	97	89	82	75	95	85	87	80	74	83	77	73	79	75	71	76	72	69	67
3	89	78	69	62	86	76	68	62	57	73	66	60	70	64	59	67	62	58	56
4	81	68	59	52	78	67	58	52	46	64	57	51	62	55	50	59	54	49	47
5	74	61	52	45	72	60	51	44	38	57	50	44	55	49	43	53	47	43	40
6	68	55	45	39	66	54	45	39	33	52	44	38	50	43	38	48	42	37	35
7	63	49	40	34	61	49	40	34	27	47	39	34	45	38	33	44	38	33	31
8	59	45	36	30	57	44	36	30	23	43	35	30	42	35	30	40	34	29	27
9	55	41	32	26	53	41	33	27	39	39	32	27	38	32	27	37	31	27	25
10	52	38	30	25	50	37	30	25	36	29	24	35	29	24	34	28	24	22	20



Job Name : The District - Beach Club

Manufacturer : ELITE LIGHTING

Model Number : 24-FPL-BL-LED-3000L-4000L-5000L-DIM10-MVOLT-35K-40K-50K-85(4000L)

Type :

S12

ORACLE
LIGHTING

By Elite Lighting

24-FPL-BL-LED

2'x4'

2' x 4' Architectural LED Flat Panel Backlit with Multiple Lumens and CCT

24-FPL-BL-LED-6000L-7000L-8000L-DIM10-120-347V-35K-40K-50K-85(6000L)

TEST NO.: **EL10062037**

INPUT WATTS: **44.6**

LUMENS: **6106**

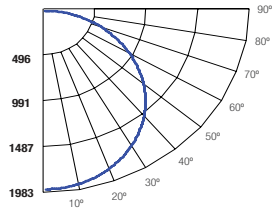
CRI: **90**

EFFICACY: **137**

CCT: **3500K**

SPACING CRITERIA: **1.42**

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	721.55	11.8	11.8
0-30	1541.68	25.2	25.2
0-40	2546.43	41.7	41.7
0-60	4598.4	75.3	75.3
0-80	5881.45	96.3	96.3
0-90	6052.98	99.1	99.1

Luminance (Average candela/M²)

Angle in Degrees	Average 0°	Average 45°	Average 90°
45	2543	2548	2588
55	2479	2479	2538
65	2347	2350	2437
75	2126	2116	2251
85	1742	1631	1872

Lumens Per Zone

Zone	Lumens
0-10	186.06
10-20	535.49
20-30	820.13
30-40	1004.75
40-50	1064.21
50-60	987.75
60-70	789.42
70-80	493.64
80-90	171.53

Candela Tabulation

Q	
0	1964.883
5	1957.76
15	1889.73
25	1760.75
35	1578.3
45	1337.47
55	1057.6
65	738
75	409.42
85	112.92
90	5.17

Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 0.20

ROOM CAVITY RATIO	RC	80%				70%				50%				30%				10%				0%	
	RW	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%	
0	119	119	119	119	119	116	116	116	116	111	111	111	106	106	106	101	101	101	99			89	
1	108	103	98	94	94	105	100	96	92	96	92	89	92	89	86	88	86	84	82			82	
2	98	89	82	76	76	95	87	80	75	83	78	73	80	75	71	77	73	69	67			67	
3	89	78	69	63	63	86	76	68	62	73	66	61	70	64	59	67	62	58	56			56	
4	81	69	60	53	53	79	67	59	52	65	57	51	62	56	51	60	54	50	47			47	
5	74	61	52	45	45	72	60	51	45	58	50	44	56	49	44	54	48	43	41			41	
6	69	55	46	39	39	67	54	45	39	52	44	39	50	43	38	49	42	38	36			36	
7	64	50	41	34	34	62	49	40	34	47	40	34	46	39	34	44	38	33	31			31	
8	59	45	37	31	31	57	45	36	31	43	36	30	42	35	30	41	34	28	26			26	
9	55	42	33	28	28	54	41	33	27	40	32	27	39	32	27	37	31	27	25			25	
10	52	38	30	25	25	50	38	30	25	37	30	25	36	29	24	35	29	24	23			23	

RC - Ceiling Cavity Reflectance

RW - Wall Reflectance

24-FPL-BL-LED-6000L-7000L-8000L-DIM10-120-347V-35K-40K-50K-85(7000L)

TEST NO.: **EL10062038**

INPUT WATTS: **52.5**

LUMENS: **7097**

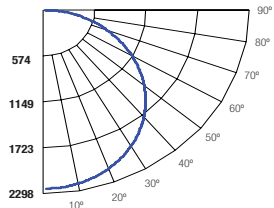
CRI: **90**

EFFICACY: **135**

CCT: **3500K**

SPACING CRITERIA: **1.42**

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	839.21	11.8	11.8
0-30	1793.12	25.3	25.3
0-40	2961.49	41.7	41.7
0-60	5347.8	75.3	75.3
0-80	6836.23	96.3	96.3
0-90	7035.74	99.1	99.1

Luminance (Average candela/M²)

Angle in Degrees	Average 0°	Average 45°	Average 90°
45	2961	2964	3011
55	2882	2881	2951
65	2728	2729	2840
75	2470	2464	2608
85	2016	1887	2164

Lumens Per Zone

Zone	Lumens
0-10	216.36
10-20	622.85
20-30	953.91
30-40	1168.37
40-50	1237.65
50-60	1148.66
60-70	914.74
70-80	573.7
80-90	199.5

Candela Tabulation

Q	
0	2285.622
5	2281.64
15	2197.82
25	2046.97
35	1832.77
45	1557.51
55	1229.75
65	857.6
75	475.57
85	130.7
90	6.32

Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 0.20

	RC	80%				70%				50%				30%				10%				0%
	RW	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%			
ROOM CAVITY RATIO	0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	101	101	101	99			
	1	108	103	98	94	105	100	96	92	96	92	89	92	89	86	88	86	84	82			
	2	98	89	82	76	95	87	80	75	83	78	73	80	75	71	77	73	69	67			
	3	89	78	69	63	86	76	68	62	73	66	61	70	64	59	67	62	58	56			
	4	81	69	60	53	79	67	59	52	65	57	51	62	56	51	60	54	50	48			
	5	74	61	52	45	72	60	51	45	58	50	44	56	49	44	54	48	43	41			
	6	69	55	46	39	67	54	45	39	52	44	39	50	43	38	49	42	38	36			
	7	64	50	41	34	62	49	40	34	47	40	34	46	39	34	44	38	33	31			
	8	59	45	37	31	57	45	36	31	43	36	30	42	35	30	41	34	28	26			
	9	55	42	33	28	54	41	33	27	40	32	27	39	32	27	37	31	27	25			
10	52	38	30	25	50	38	30	25	37	30	25	36	29	24	35	29	24	23				

RC - Ceiling Cavity Reflectance

RW - Wall Reflectance

24-FPL-BL-LED-6000L-7000L-8000L-DIM10-120-347V-35K-40K-50K-85(8000L)

TEST NO.: **EL10062039**

INPUT WATTS: **54.9**

LUMENS: **7372**

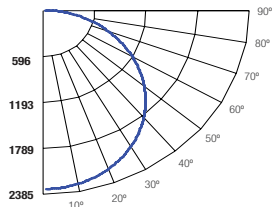
CRI: **90**

EFFICACY: **134**

CCT: **3500K**

SPACING CRITERIA: **1.42**

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	871.97	11.8	11.8
0-30	1863.06	25.3	25.3
0-40	3077.02	41.7	41.7
0-60	5555.72	75.4	75.4
0-80	7100.43	96.3	96.3
0-90	7307.22	99.1	99.1

Luminance (Average candela/M²)

Angle in Degrees	Average 0°	Average 45°	Average 90°
45	3074	3077	3129
55	2987	2995	3071
65	2835	2840	2946
75	2568	2561	2715
85	2082	1956	2258

Lumens Per Zone

Zone	Lumens
0-10	224.85
10-20	647.12
20-30	991.09
30-40	1213.96
40-50	1285.64
50-60	1193.06
60-70	949.21
70-80	595.5
80-90	206.79

Candela Tabulation

Q	
0	2375.637
5	2365.44
15	2281.58
25	2127.85
35	1904.24
45	1617.11
55	1274.74
65	891.34
75	494.42
85	135
90	6.53

Coefficients of Utilization - Zonal Cavity Method

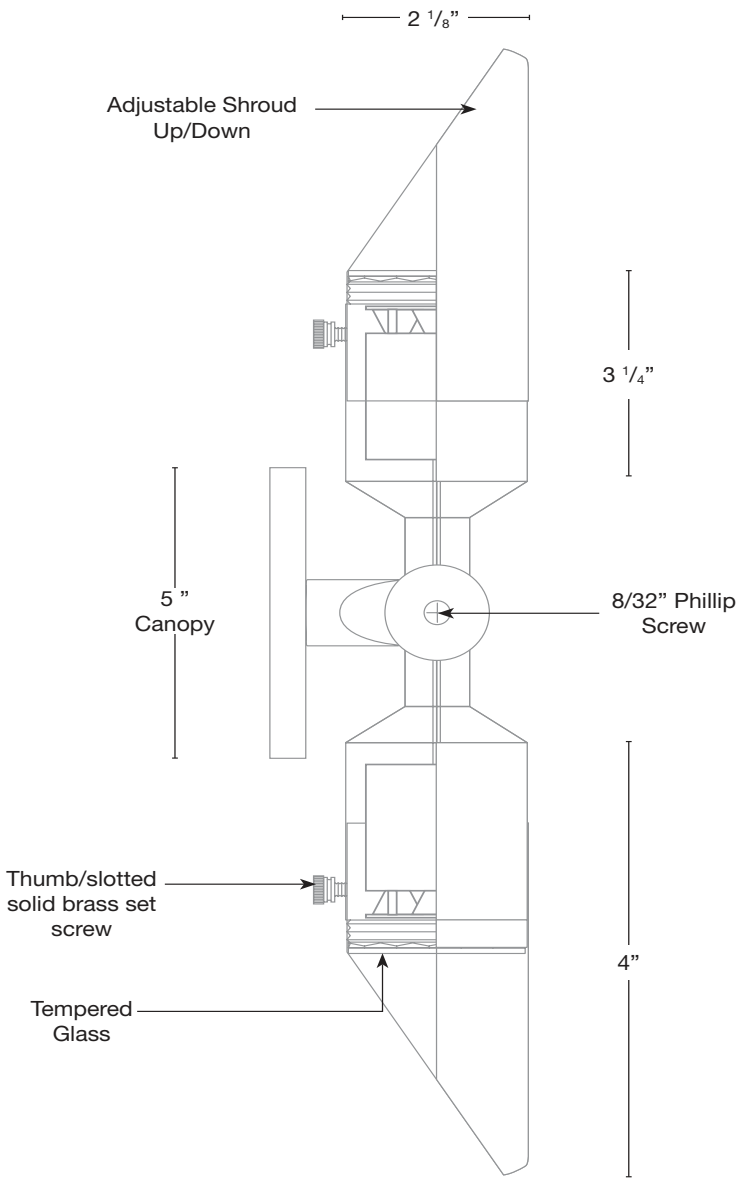
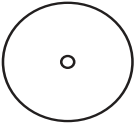
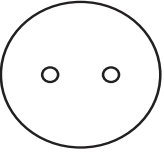
Effective Floor Cavity Reflectance 0.20

	RC	80%				70%				50%				30%				10%				0%
	RW	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%			
ROOM CAVITY RATIO	0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	101	101	101	99			
	1	108	103	98	94	105	100	96	92	96	93	89	92	89	86	88	86	84	82			
	2	98	89	82	76	95	87	80	75	83	78	73	80	75	71	77	73	69	67			
	3	89	78	69	63	86	76	68	62	73	66	61	70	64	59	67	62	58	56			
	4	81	69	60	53	79	67	59	52	65	57	51	62	56	51	60	54	50	48			
	5	74	61	52	45	72	60	51	45	58	50	44	56	49	44	54	48	43	41			
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	7	64	50	41	35	62	49	40	34	47	40	34	46	39	34	44	38	33	31			
	8	59	45	37	31	57	45	36	31	43	36	30	42	35	30	41	34	30	28			
	9	52	35	33	28	51	38	41	35	37	40	32	37	32	27	37	31	27	25			
10	52	38	30	25	50	38	30	25	37	30	25	36	29	25	35	29	24	23				



Job Name : The District - Beach Club
Manufacturer : SPJ LIGHTING
Model Number : SPJ-AL2-16W

Type :
S13

SPJ LIGHTING Inc. ARCHITECTURAL LANDSCAPE & OUTDOOR LIGHTING		SPECIFICATION SHEET		Surface Mount Directional SPJ-AL2-16W	
 MODEL: SPJ-AL2-16W MATERIAL: Solid Brass FINISH SHOWN: Rusty ELECTRICAL: 12-15v WATTAGE: (2) 8W ENGINE: (2) FB-8W-CYL-TA16 LUMENS: (2) 580 MOUNTING: Surface Mount					
FINISHES ☐ Matte Bronze (MBR) ☐ Verde (V) ☐ Moss (M) CONFIRM FINISH ☐ Black (B) ☐ Rusty (R) ☐ Satin Brass (SB) ☐ Aged Brass (AG) ☐ Raw Copper (RC) ☐ Natural Copper (NC) PVD PREMIUM ☐ PVD Polished (PVDP) ☐ PVD Satin (PVDS) ☐ PVD Graphite (PVDG) ☐ PVD Bronze (PVDBZ) ☐ PVD Black (PVDBL)					
WATTAGE LUMENS ☐ (2) 8W (2) 580					
Custom lumen packages are available upon request					
COLOR TEMPERATURE ☐ 2200K ☐ 5000K ☐ 2700K ☐ 6500K ☐ 3000K ☐ RGBW ☐ 4000K ☐ WARM DIMMING Custom options are available					
ELECTRICAL ☐ 12-15V ☐ 120V					
OPTICS ☐ SPOT 19d ☐ FLOOD 38d ☐ WIDE FLOOD 54d ☐ WIDE ANGLE FLOOD 120d					
MOUNTING CANOPIES  4" SPJ19-10  5" SPJ19-12					
		Ordering Example SPJ-AL2-16W-R-8W-27K-12-15V		Customer Approval	
				Date	



Wet Listed





Job Name : The District - Beach Club

Manufacturer : ELITE LIGHTING

Model Number : OWP-FC-116-LED-1500L-2800L-4000L-DIM10-120-347V-30K-40K-50K(1500L)

Type :
XX

OWP-FC-116-LED

LED Slimline Full Cut-Off Wall Pack Series

up to 30 Wattage / up to 4000 Lumens

Catalog Number:

Project Name:

Note:

Type:

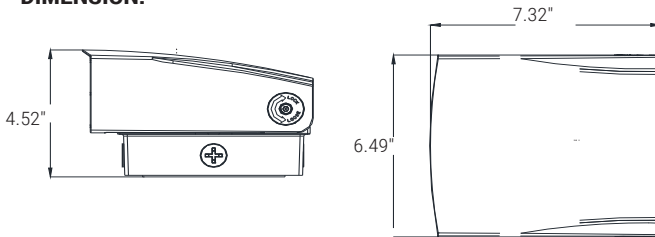
0° to +90° tilt adjustments.
To meet the needs of
customers with different
lighting angles.

Head tilts 90°



**EASY 3 COLORS
SELECTOR**
3000K • 4000K • 5000K

DIMENSION:



APPLICATIONS:

Slim wall pack is available for a variety of applications including building perimeter, entrances, stairways and security lighting. OWP series of luminaries provides a low profile architectural style with power of bright, energy efficient LEDs. Its has a rugged aluminum construction with multi-mount capabilities. 0° to +90° tilt adjustments. For a building that has a modern or futuristic look.

FEATURES:

Construction

Sealed die-casting profile for outdoor applications.

Suitable for applications requiring 3G testing prescribed by ANSI C136.31.

Optics

CCT Selectable 3000K/4000K/5000K.

Lumen Packages from 1500/2800/4000 Selectable Lumen output.

No UV or IR in the beam

Instant start, NO flickering, NO humming.

Electrical

Voltage (120-347V 50/60Hz)

Greater than 0.9 powerfactor, less than 20%harmonic distortion, and is suitable for operation in -40°C to 50°C ambient environments.

Lifespan

Estimated 50,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations.

Warranty

Five-year warranty.

Applications

Security, pathway and perimeter lighting, Building entryways and walkways.

SPECIFICATIONS:

LUMENS	1500/2800/4000 lumens
WATTAGE	10W / 20W / 30W
CCT	30K/40K/50K
CRI	70
DIMMING	0-10V Dimming
LIGHT EFFICIENCY	up to 135 lm/W
VOLTAGE	120-347 VAC
POWER FREQUENCY	50/60 Hz
FINISH	Bronze, Black
APPLICABLE ENVIRONMENT	Dry/Damp/Wet location
WORKING TEMPERATURE	-40°C to 50°C(-40°F to 122°F)

Ordering Guide > Example: OWP-FC-116-LED-1500L/2800L/4000L-DIM10-120-347V-30K/40K/50K-BZ

OWP-FC-116-LED						
SERIES	PERFORMANCE	DIMMING	VOLTAGE	CCT	FINISH	ACCESSORIES
OWP-FC-116-LED	1500L/2800L/4000L	DIM10 - 0-10V dimming	120-347V	30K/40K/50K	BZ - Bronze BK - Black	PHC- Photocell MS-OWP-HB01DMS-C- Motion Sensor



Submittal form is available @ www.iuseelite.com
Tel: 323-888-1973 • Fax: 323-888-1977

Specifications and Dimensions
subject to change without notice.

Issued-Rev.03-13-23



Job Name : The District - Beach Club

Manufacturer : ELITE LIGHTING

Model Number : OWP-FC-116-LED-1500L-2800L-4000L-DIM10-120-347V-30K-40K-50K(1500L)

Type :
XX

OWP-FC-116-LED

LED Slimline Full Cut-Off Wall Pack Series

OWP-FC-116-LED-1500L-2800L-4000L-DIM10-MVOLT-30K-40K-50K(1500L)

TEST NO.: **EL02242364**

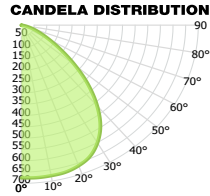
INPUT WATTS: **10.1**

LUMENS: **1427**

EFFICACY: **141**

BEAM ANGLE: **76**

SPACING CRITERIA: **1.29**



CANDELA TABLE

	0°	90°
0°	676	696
10°	676	687
20°	662	660
30°	601	610
40°	466	536
50°	278	421
60°	126	260
70°	49	114
80°	4	32
90°	0	1

LUMINANCE (cd/sq.m)

	0.00°	90.00°
0.00°	29098	29969
45.00°	22803	29597
55.00°	14340	25821
65.00°	8194	18319
75.00°	3953	11004
85.00°	84	4708

LUMENS PER ZONE

ZONE	LUMENS
0° - 10°	68
10° - 20°	182
20° - 30°	266
30° - 40°	293
40° - 50°	261
50° - 60°	184
60° - 70°	103
70° - 80°	44
80° - 90°	9

ZONAL LUMEN SUMMARY

ZONE	UMENS	% LUMINAIRE
0° - 20°	250	18%
0° - 30°	516	36%
0° - 40°	809	57%
0° - 60°	1254	88%
0° - 80°	1400	98%
0° - 90°	1409	99%

CONE OF LIGHT

MOUNTING HEIGHT	FC AT BEAM CENTER	BEAM DIA. 0°-180°	BEAM DIA. 90°-270°
6.0 ft	18.8 fc	9.7 ft	16.4 ft
8.0 ft	10.6 fc	13.0 ft	21.8 ft
10.0 ft	6.8 fc	16.2 ft	27.3 ft
12.0 ft	4.7 fc	19.5 ft	32.8 ft
14.0 ft	3.4 fc	22.7 ft	38.2 ft
16.0 ft	2.6 fc	25.9 ft	43.7 ft
18.0 ft	2.1 fc	29.2 ft	49.1 ft
20.0 ft	1.7 fc	32.4 ft	54.6 ft

INDOOR COEFFICIENTS OF UTILIZATION

pf pc pw	20%																		0%		
	80%				70%				50%				30%				10%				0%
	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%			
0	119	119	119	119	116	116	116	116	110	110	110	106	106	106	101	101	101	99			
1	110	106	103	100	108	104	101	98	100	97	95	96	94	92	92	90	89	87			
2	102	95	89	84	99	93	88	83	89	85	81	86	82	79	83	80	77	75			
3	94	85	78	72	92	83	77	71	80	75	70	77	73	69	75	71	67	65			
4	87	76	68	63	85	75	68	62	72	66	61	70	65	60	68	63	59	57			
5	80	69	61	55	78	68	60	55	66	59	54	64	58	53	62	57	53	51			
6	75	63	55	49	73	62	54	48	60	53	48	58	52	47	57	51	47	45			
7	70	57	49	44	68	56	49	43	55	48	43	53	47	43	52	47	42	40			
8	65	53	45	39	64	52	44	39	51	44	39	49	43	39	48	43	38	37			
9	61	49	41	36	60	48	41	36	47	40	35	46	40	35	45	39	35	33			
10	57	45	38	33	56	45	37	33	43	37	32	43	36	32	42	36	32	30			

OWP-FC-116-LED-1500L-2800L-4000L-DIM10-MVOLT-30K-40K-50K(2800L)

TEST NO.: **EL02242364**

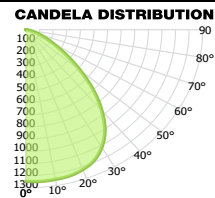
INPUT WATTS: **19.3**

LUMENS: **2621**

EFFICACY: **136**

BEAM ANGLE: **77**

SPACING CRITERIA: **1.29**



CANDELA TABLE

	0°	90°
0°	1246	1248
10°	1249	1233
20°	1222	1183
30°	1115	1094
40°	866	958
50°	520	754
60°	239	451
70°	95	195
80°	9	56
90°	0	1

LUMINANCE (cd/sq.m)

	0.00°	90.00°
0.00°	53649	53733
45.00°	42557	53427
55.00°	27226	45553
65.00°	15643	31454
75.00°	7488	18815
85.00°	163	9011

LUMENS PER ZONE

ZONE	LUMENS
0° - 10°	125
10° - 20°	333
20° - 30°	486
30° - 40°	535
40° - 50°	479
50° - 60°	341
60° - 70°	191
70° - 80°	81
80° - 90°	17

ZONAL LUMEN SUMMARY

ZONE	UMENS	% LUMINAIRE
0° - 20°	458	17%
0° - 30°	944	36%
0° - 40°	1480	56%
0° - 60°	2300	88%
0° - 80°	2572	98%
0° - 90°	2589	99%

CONE OF LIGHT

MOUNTING HEIGHT	FC AT BEAM CENTER	BEAM DIA. 0°-180°	BEAM DIA. 90°-270°
6.0 ft	34.6 fc	10.0 ft	16.4 ft
8.0 ft	19.5 fc	13.3 ft	21.9 ft
10.0 ft	12.5 fc	16.6 ft	27.4 ft
12.0 ft	8.7 fc	19.9 ft	32.8 ft
14.0 ft	6.4 fc	23.2 ft	38.3 ft
16.0 ft	4.9 fc	26.5 ft	43.8 ft
18.0 ft	3.8 fc	29.9 ft	49.3 ft
20.0 ft	3.1 fc	33.2 ft	54.7 ft

INDOOR COEFFICIENTS OF UTILIZATION

pf	20%																		0%	
pc	80%						70%						50%						10%	0%
pw	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%		
0	119	119	119	119	116	116	116	116	110	110	110	106	106	106	101	101	101	99		
1	110	106	103	100	108	104	101	98	100	97	95	96	93	92	92	90	89	87		
2	102	95	89	84	99	93	87	83	89	85	81	86	82	79	83	80	77	75		
3	94	85	78	72	92	83	77	71	80	74	70	77	72	69	75	71	67	65		
4	87	76	68	62	85	75	68	62	72	66	61	70	64	60	68	63	59	57		
5	80	69	61	55	78	68	60	54	66	59	54	64	58	53	62	57	52	50		
6	75	63	54	49	73	62	54	48	60	53	48	58	52	47	56	51	47	45		
7	70	57	49	44	68	56	49	43	55	48	43	53	47	43	52	46	42	40		
8	65	53	45	39	64	52	44	39	50	44	39	49	43	39	48	42	38	36		
9	61	49	41	36	60	48	41	36	47	40	35	46	39	35	45	39	35	33		
10	57	45	38	33	56	44	37	33	43	37	32	42	36	32	41	36	32	30		



Job Name : The District - Beach Club

Manufacturer : ELITE LIGHTING

Model Number : OWP-FC-116-LED-1500L-2800L-4000L-DIM10-120-347V-30K-40K-50K(1500L)

Type :
XX

OWP-FC-116-LED

LED Slimline Full Cut-Off Wall Pack Series

OWP-FC-116-LED-1500L-2800L-4000L-DIM10-MVOLT-30K-40K-50K(4000L)

TEST NO.: **EL02242364**

INPUT WATTS: **31.3**

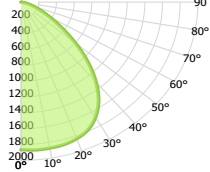
LUMENS: **3915**

EFFICACY: **125**

BEAM ANGLE: **77**

SPACING CRITERIA: **1.30 x 1.30**

CANDELA DISTRIBUTION



CANDELA TABLE

	0°	90°
0°	1865	1872
10°	1873	1848
20°	1837	1774
30°	1681	1639
40°	1316	1428
50°	796	1089
60°	369	649
70°	148	278
80°	19	82
90°	1	2

LUMINANCE (cd/sq.m)

	0.00°	90.00°
0.00°	80300	80579
45.00°	64887	77856
55.00°	41429	65806
65.00°	24131	44921
75.00°	12185	26958
85.00°	257	13027

LUMENS PER ZONE

ZONE	LUMENS
0° - 10°	187
10° - 20°	498
20° - 30°	725
30° - 40°	799
40° - 50°	714
50° - 60°	509
60° - 70°	287
70° - 80°	122
80° - 90°	25

ZONAL LUMEN SUMMARY

ZONE	UMENS	% LUMINAIRE
0° - 20°	685	17%
0° - 30°	1410	36%
0° - 40°	2209	56%
0° - 60°	3432	88%
0° - 80°	3841	98%
0° - 90°	3866	99%

CONE OF LIGHT

MOUNTING HEIGHT	FC AT BEAM CENTER	BEAM DIA. 0°-180°	BEAM DIA. 90°-270°
6.0 ft	51.8 fc	9.9 ft	16.3 ft
8.0 ft	29.1 fc	13.2 ft	21.7 ft
10.0 ft	18.7 fc	16.5 ft	27.1 ft
12.0 ft	13.0 fc	19.8 ft	32.5 ft
14.0 ft	9.5 fc	23.2 ft	38.0 ft
16.0 ft	7.3 fc	26.5 ft	43.4 ft
18.0 ft	5.8 fc	29.8 ft	48.8 ft
20.0 ft	4.7 fc	33.1 ft	54.2 ft

INDOOR COEFFICIENTS OF UTILIZATION

pf	20%																0%	
pc	80%				70%				50%				30%				10%	0%
pw	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%
0	119	119	119	119	116	116	116	116	110	110	110	106	106	106	101	101	101	99
1	110	106	103	100	108	104	101	98	100	97	95	96	93	91	92	90	89	87
2	102	95	89	84	99	93	87	83	89	85	81	86	82	79	83	80	77	75
3	94	85	78	72	91	83	76	71	80	74	70	77	72	68	75	71	67	65
4	87	76	68	62	85	75	67	62	72	66	61	70	64	60	68	63	59	57
5	80	69	61	55	78	68	60	54	65	59	54	63	58	53	62	57	52	50
6	75	63	54	49	73	62	54	48	60	53	48	58	52	47	56	51	47	45
7	70	57	49	43	68	56	49	43	55	48	43	53	47	43	52	46	42	40
8	65	53	45	39	64	52	44	39	50	44	39	49	43	39	48	42	38	36
9	61	49	41	36	60	48	41	36	47	40	35	46	39	35	45	39	35	33
10	57	45	38	33	56	44	37	33	43	37	32	42	36	32	41	36	32	30



Luminaire Schedule					
Symbol	Qty	Label	Tag	Description	Ar
	11	LT28		Out of Scope	SI
	38	P		Out of Scope	SI
	16	S01		V15R-P-12-3T4-P36-M	SI
	90	S02		L50-E-12-04-27-80-MULT-25x25	SI
	316	S03		LNT-65-F-HB-27K-24V	SI
	4	S05		TITAN-XXX-6W-27K-12-15V	6i
	11	S06		37001xxx127	SI
	18	S07		D2-LUNA2-13-27-80-6S-X-E-W	SI
	2	S09		LS2_LED 4FT 27K MED UNV DB W	SI
	2	S09B		LS2_LED 14FT 27K MED UNV DB W	SI
	18	S10		RL641-1200L-DIM10-MVOLT-30K-90-WH	SI
	6	S12		24-FPL-BL-LED-3000L-4000L-5000L-DIM10-MVOLT-35K-40K-50K-85(4000L)	SI
	8	S13		SPJ-AL2-16W	2i
	3	XX		OWP-FC-116-LED-1500L-2800L-4000L-DIM10-120-347V-30K-40K-50K(1500L)	SI

Calculation Summary			
Label	CalcType	Units	Avg
ADA RR_Workplane	Illuminance	Fc	20.42
Kitchen_Hall_Workplane	Illuminance	Fc	19.29
Kitchen_Workplane	Illuminance	Fc	52.13
Main Pool Area	Illuminance	Fc	3.44
Mens_Workplane	Illuminance	Fc	26.66
North Hallway_Workplane	Illuminance	Fc	21.50
Small Mens_Workplane	Illuminance	Fc	21.80
South Back Bar 1_Top_1	Illuminance	Fc	6.63
South Back Bar 2_Top_1	Illuminance	Fc	7.38
South Bar_Top	Illuminance	Fc	13.24
South Sever Station_Top_1	Illuminance	Fc	7.58
Storage_Workplane	Illuminance	Fc	12.99
Storage_Workplane_1	Illuminance	Fc	13.60
Upper Area	Illuminance	Fc	7.48
Womens_Workplane	Illuminance	Fc	23.67

LIGHTING NOTES:

- Light Loss Factor = 0.90
- Footcandle Values Calculated @ Grade
- Reflectance Values - 80/50/20

National Lighting Vendor:

For pricing and technical assistance contact:
Lynn Pannell of CBMC INC, tel#
623-243-2077, lpannell@cbmcinc.com

All electrical work shall comply with National, State, and Local codes including and not limited to the National Electric Code, NFPA 101 Life Safety Code, ASHREA and /or IECC Energy Codes.

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5855 KOPETSKY DR. SUITE G. | INDIANAPOLIS, IN 46217
317-780-8350 | WWW.CBMCINC.COM

SEE MORE



This lighting pattern represents illumination levels calculated from laboratory data taken under controlled conditions in accordance with IESNA approved methods. Actual performance of any manufacturer's luminaire may vary due to variation in electrical voltage, tolerance in lamps and LED lumen package, location adjustments, and other variable field conditions.

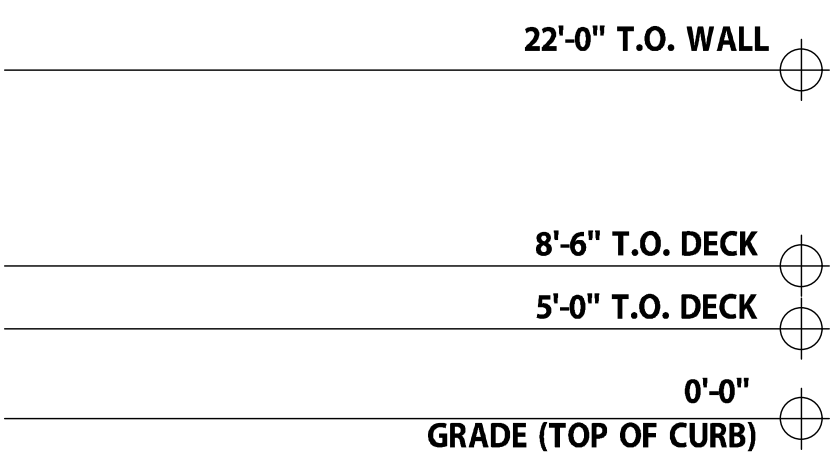
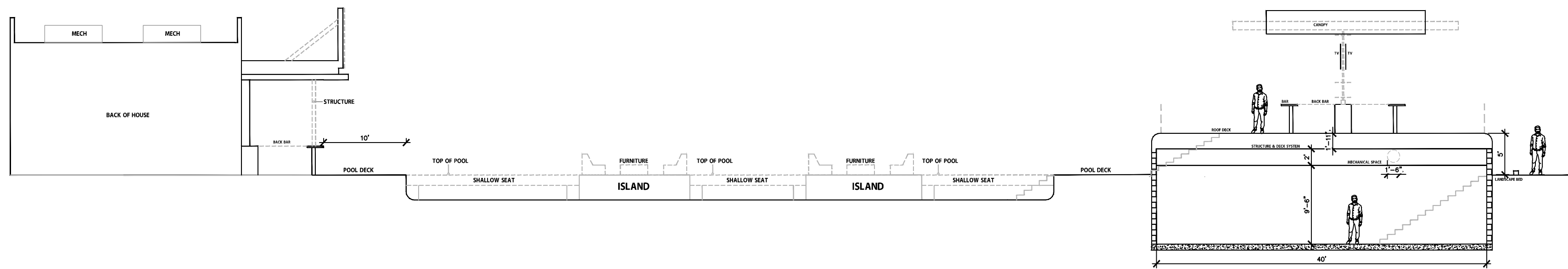
Contractor to check and verify all dimensions on site before commencing any work shown.

The District - Beach Club

LIGHTING LAYOUT

Scale:	3/32" = 1'-0"	Drawing No:	LP1
Date:	10/25/23	Project No:	
Drawn By:	ATM		

CB24376-IN2



SECTIONS
THE DISTRICT
22178 - 09-01-2023

