

Exterior Building Color & Material Samples

Color Drawdowns

Drainage Reports

TIMA

Abbreviated Water & Sewer Need Report

Archaeological Resources

Airport Vicinity Development Checklist

Parking Study

Trip Generation Comparison

Parking Master Plan

Water Study

Wastewater Study

Stormwater Waiver Application

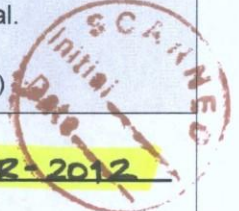


Native Plant Permit Application & Narrative

Native Plant Permit approval is dependent upon an approved case number.
Do not attempt to move any plant materials prior to being issued your Native Plant Permit.

Submit to Planning and Development Services 'One Stop Shop' for review and approval.
Only complete submittals will be accepted over the counter.

(This form is not for Native Plant permits associated with Single-Family Residential building permits.)



Project Name: TENANT EAST Associated Cases (DR, PP, SA): 55-DR-2012
Project Address: 7340 E. INDIAN PLAZA SCOTTSDALE RD. 85251
Parcel Number (APN)*: 173-41-154, 173-41-155 Quarter Section*: _____
173-41-156, 173-41-157 *For parcel info call 480-312-2356
Owner: LES CORCIRI Email: lcorciri@aol.com
Phone: (480) 970-1112 Fax: n/a
Address: 7340 E. INDIAN PLAZA Zip: 85251
Proposed Salvage / Cacti Salvage Contractor: _____ Number of protected plants to be relocated: 0
NATIVE RESOURCES INTL. Number of protected plants to be destroyed: 14
Tax License No.: 101562-B1 Total number of protected plants affected: 14

Please give a brief description below of your project, including estimated timing of relocation, plant nursery location, and any other relevant information:

Tenant East is a combination of Tenant Improvement & site improvements. Per Native Resources International, no trees are salvaged.

Application Submittal Requirements:

- | | |
|--|--|
| ☐ Application Fee: \$ _____ | ☒ Letter of Authorization identifying a city approved salvage contractor |
| ☒ 3 Copies of Plant Inventory | ☒ Copy of AZ Dept of Agriculture's Notice of Intent to Clear Land form for a complete native plant submittal |
| ☒ 3 Copies of Site Plan indicating proposed improvements | |
| ☒ NAOS Protection Plan | |
- Review time will be approximately 35 days.

Find more information online at www.ScottsdaleAZ.gov/codes/nativeplant.

Official Use Only: Submittal Date: _____ - NP - _____ Plan Check No.: 55-DR-2012

Planning & Development Services Department

7447 E Indian School Road Ste 105, Scottsdale, AZ 85251 • Phone: 480-312-2500 • Fax: 480-312-7088



Native Plant Salvage Contractors

With Acceptable Methodologies on File

Please visit www.ScottsdaleAz.gov/codes/NativePlant
for information regarding the Native Plant Ordinance and submittal information.

The following contractors have submitted salvage methodologies for native plant salvage and relocation. While the salvage of native trees is still somewhat experimental, their methodologies have received approval for use within the City of Scottsdale. A company must be on the Native Plant Salvage Contractors list before they will be allowed to conduct native plant inventories and salvage protected native plants within Scottsdale. Contractors wishing to be placed on this list may contact the City's Planning & Development Office at (480) 312-7000 for further information. This list is offered as a courtesy and does not constitute an endorsement of any of the contractors listed.

Name	Tax #	Phone	Name	Tax #	Phone
A Great Southwest Tree Spade LLC (spade) +	912511	480-483-8355	Harris & Sons - tree relocators (spade)		602-863-9336
Agave Environmental Contracting	120268	602-254-1454	Horizon West Landscape, LLC	881241	623-386-6194
Arbor Care Experts	1084338	602-568-8139	Indigenous Landscape Systems, Inc.	137914	602-867-8831
AridScape Concepts * +	858783	480-609-1221	JD Consulting, LLC *+	1061445	480-274-7102
Arizona Site Prep, Inc. +	858621	480-226-9548	John Hancock Tree Relocation, LLC	1052563	480-833-0655
Arizona's Best Native Plant Care	131407	480-948-7501	Masterscapes, LLC*+	1080688	623-780-0474
Artisan Group* +	1079828	602-380-1001	Native Arizona Landscaping, Inc.	143551	480-563-7562
AZ Big Tree Movers (spade)	903229	602-370-5667	Native Landscape Development * +	887196	480-575-1229
BarbaRosa's Cactus - cactus relocators +		623-582-8555	Native Resources International *+	131603	623-869-6757
Black Eagle Nurseries and Maintenance, Inc.* +	885253	602-323-1558	Natural Habitat Inc.+	880704	480-488-9088
Complete Custom Development, Inc.	142045	480-860-0355	Recon Inc.	1040767	602-437-4393
Desert Earth Works LLC	0874981	602-788-5018	Renaissance Exterior Development	110367	480-585-7830
Desert Restoration and Development +	143113	480-595-7751	Sun Valley Landscape*+	1015708	480-898-0533
DLN Landscaping Inc.	122534	602-843-1915	Sonoran Desert Designs * +	100799	602-708-0185
Earth Care - cactus relocators +	134994	480-488-2915	Trademark Landscape	134510	602-866-7100
Enviroscape Designs	893518	480-962-1536	Tree Relocators, Inc. - (spade) * +	914020	480-947-6118
Evergreen Lawn Sprinklers	100407	602-243-1106	Tree Transplanter & Mover +	858138	480-844-8978
Gothic Landscaping Inc.	131088	602-470-1711	Woody's Landscaping, LLC	144135	602-868-6232

* Companies that have CAD software capabilities

+ Companies that do inventory work for single family homes

Planning & Development Services Department

7447 E Indian School Road, Suite 105, Scottsdale, AZ 85251 • Phone: 480-312-7000 • Fax: 480-312-7088

**Notice of Intent (NOI) Certificate****Authorization Number: AZCON-76735****Approval Date: 06/11/2013****Application Information:**

ID Number: 76735	Name: AXIS RADIUS	Received: 06/10/2013
Inventory #: 106375	Type: GEN-CONST	
Prior Permit:		

Owner/Operator:

First: FRANK	Last: PETTIT	Phone: (480) 966-4001
Business: LGE CORPORATION		Fax: (602) 225-2924
Address: 740 NORTH 52ND STREET, SUITE 200		
City: PHOENIX	State: AZ	Zip: 85008

Facility/Site:

Start Date: 06/05/2013	Business: AXIS RADIUS	Phone: (480) 966-4001
End Date: 06/05/2014	Address:	County: MARICOPA
Facility Type: COMMERCIAL	City: SCOTTSDALE, AZ 85251	
County Parcel No:	Access: NEC BUCKBOARD TRAIL & B INDIAN PLAZA.	

Subdivision/Other Permits:**Subdivision Approval?** ☒ NA**Other IDs:**

Latitude: 333006.7	1/4 mile of impaired or unique water? ☒ No	Total acres Disturbed
Longitude: 1115522.27	Discharge into municipal conveyance? ☒ Yes	Project ☐ Operations ☐
Watershed: MIDDLE GILA	System Owner (Conveyance):	☐ ☐
Closest Water: Arizona Canal	CITY OF SCOTTSDALE	
Perennial Water: Salt River		

Within 2.5 Miles of a perennial or intermittent water? ☒ N**Distance (miles) from perennial water to site:** 11.53**Stormwater Pollution Prevention Plan (SWPPP):**

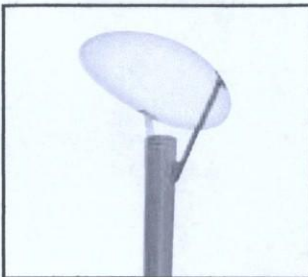
First: FRANK	Last: PETTIT	Phone: (480) 966-4001
Business: AXIS RADIUS		SWPPP Confirmation: ☒ Y
Address: PROJECT SITE		SWPPP Submitted: ☐ N
City: SCOTTSDALE	State: AZ	Zip: 85251

Certification:

First: FRANK	Last: PETTIT	Phone: (480) 966-4001
Business: LGE CORPORATION		Certification Signed: ☒ Y
Address: 740 NORTH 52ND STREET, SUITE 200		
City: PHOENIX	State: AZ	Zip: 85008

Ritorno® Round Asymmetrical

se'lux®



Project: AXIS / RADIUS

Type: _____ Qty: _____

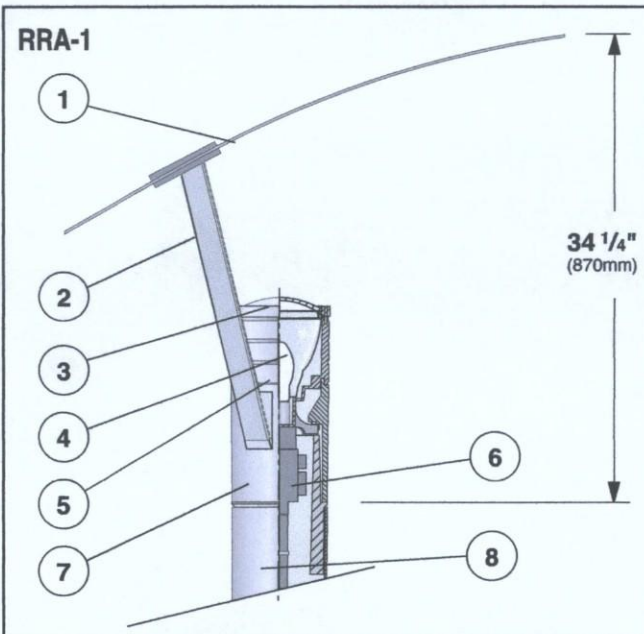
RRA - - - - -
Series Mounting Height Lamping CCT Finish Voltage

Options

LAMPS SUPPLIED WITH FIXTURE EXCEPT FOR NOL OPTION.

SEE PAGE 2 FOR LAMP DETAILS.

Series	Mounting	Height	Lamping				CCT ⁶	Finish	Voltage	Options
RRA Ritorno® Round Asymmetrical	1 Single W Wall Mount	RP10 10 ft.	<u>Metal Halide</u>		<u>HPS</u>	<u>LED Light Engine</u>	3000	WH White	120	L Lamp Supplied
		RP12 12 ft.	H050 ¹ 50w	S050 ¹ 50w	L40 ³ 39w	3500	BK Black	208	NOL ⁵ No Lamp Supplied	
		RP14 14 ft.	H070 70w	S070 70w		5000	BZ Bronze	240	REC GFCI Receptacle (pole mount only)	
		RP16 16 ft.	H070T6 70w	S100 100w	<u>QL Induction</u>		SV Silver	277	FS ¹ Single Fusing	
			H100 100w	S150 ² 150w	QL85 ³ 85w		SP Specify Premium Color	347		
			H150 150w		QL165 ⁴ 165w					
			H150T6 150w							
¹ Not available with 347v ² Only available with 55v lamps ³ Only available in 120v/277v ⁴ Only available in 277v ⁵ Not available for QL or LED ⁶ LED lamping only										



1. Reflective Shade -
36 3/4" x 35" (934mm x 889mm)
minimum 3/16" (4.7mm) thick
aluminum reflector shade painted
white for maximum reflectivity.
Supplied with drip groove around
perimeter, to prevent rain marks
on underside. Shade attached to
fixture arms with low profile stain-
less steel hardware.

2. Fixture Arms - Two natural,
marine grade stainless steel with
bead-blasted finish, rigidly attach
reflector shade to pole fitter.

3. Lamp Cover - Heat-tempered
convex lens protects lamp and
reflector assembly. Continuous
molded silicone gasket creates
sealed optic chamber for weather

proofing, dust and insect control.
Door pivots open from lamp
chamber for relamping. Three
captive stainless steel screws
secure lamp cover in position

4. Lamp - One coated, base
down, medium base ED-17 metal
halide or high pressure sodium
up to 150w; 70w or 150w ceramic
G12 base T6 metal halide (830 -
3,000° K), or 85w or 165w QL
induction lamp (840 - 4,000° K).
Other lamps/colors available, con-
sult factory. Lamp supplied with
fixture unless otherwise specified.

5. Optic Chamber - Die cast
aluminum optic chamber houses
highly specular precision reflector
& 4KV pulse rated medium base
socket and lamp. Secures to
pole fitter with quarter turn mech-
anism, locked in place with a
single screw. Optic chamber is
removable from pole fitter for
ballast access, without the
necessity of removing the fixture
head from the pole.

6. Ballast - A high efficiency,
pulse start, core and coil ballast
factory wired to socket. Remov-
able ballast bracket is secured to
optic chamber for ease of main-
tenance. Consult factory for
more detailed ballast information.

7. Pole Fitter - Die cast aluminum
fitter secures fixture arms and
reflective shade to pole. Tapered
to continue lines from pole.

8. Pole - Pole to be aluminum
and taper from 5" diameter at the
bottom to 7" diameter at the top.
Pole wall thickness to be mini-
mum 0.156 thick, supplied with a
3" x 5" hand hole, with cast 356
aluminum tempered to a T6 con-
dition reinforced frame, with inte-
gral ground lug connection and
gasketed flush fitting door.

9. Base Cover - (not shown)
Standard two-piece base cover is
made from die-cast 356 alloy alu-
minum which is heat treated to
produce a T6 temper, measuring
4 1/2" (115mm) height by 12 1/2"
(316mm) diameter.

Exterior Luminaire Finish -
SELUX utilizes a high quality
Polyester Powder Coating. All
SELUX luminaires and poles are
finished in our Tiger Drylac certi-
fied facility and undergo a five
stage intensive pretreatment
process where product is thor-
oughly cleaned, phosphated
and sealed. SELUX powder coat-
ed products provide excellent
salt and humidity resistance as
well as ultra violet resistance for
color retention. All products are
tested in accordance with test
specifications for coatings from
ASTM and PCI.

Standard exterior colors are
White (WH), Black (BK), Bronze
(BZ), and Silver (SV). Selux pre-
mium colors (SP) are available,
please specify from your SELUX
color selection guide.

SELUX Corp. © 2011
TEL (845) 691-7723
FAX (845) 691-6749
www.selux.com/usa
RRA-1011-01 (ss-V4.6)

NRTL Listed (i.e. UL, CSA)

Union Made Affiliated
with IBEW Local 383



In a continuing effort to offer the best product possible, we reserve the right to change, without notice, specifications or materials that in our opinion will not alter the function of the product. Specification sheets found at www.selux.com/usa are the most recent versions and supercede all other printed or electronic versions.

STAMPED FOR RETAIN FOR RECORDS
APPROVED

DATE _____ INITIALS _____
except as otherwise stated on specs

55-DR-2012
5/8/2013

Photometry

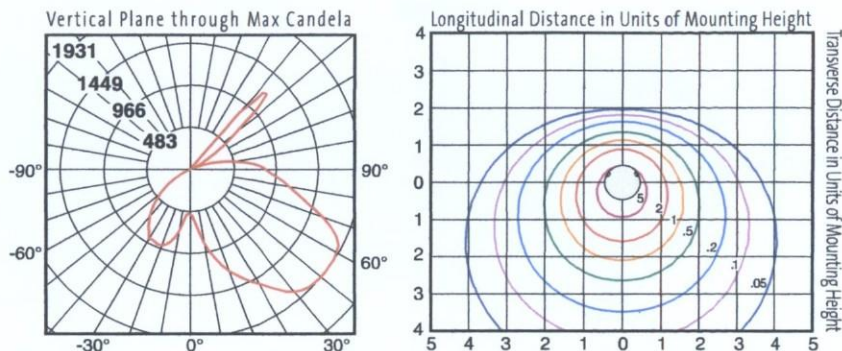
150w MH

Catalog # RRA-1-H150
Report # ITL-14364

- Maximum candela of 1931 at 52.5° from vertical.
- IES classification = Type IV Non-Cutoff.

DOWNLOAD IES FILE:

<http://www.selux.com/webfiles/external/RRA-1-H150.zip>



HID Lamp Prorate Table					
High Pressure Sodium			Metal Halide		
Wattage	Factor	Initial Lumens	Wattage	Factor	Initial Lumens
50	0.29	3800	50	0.30	4000
70	0.45	5950	70	0.45	6000
100	0.66	8800	100	0.68	9000
150	1.12	15000	150	1.00	13300

Conversion Chart	
Values based on 12' mounting height.	
Mounting Height	Multiply
10'	1.10
12'	1.00
14'	0.93
16'	0.87

Lamps Supplied with Fixture							Other color temperatures available upon request					
Catalog Number	Description	Bulb	Operating Position	Base	Lamp Finish	Lamp Color	ANSI Designation	Initial Lumens	Mean Lumens	CRI	CCT (K)	Life (hours)
H050	50 Watt	ED17	Universal	Med. Base	Coated	830	M110/E	4000	3000	82	3000	10000
H070	70 Watt					830	M98/E	6000	4800	82	3000	10000
H100	100 Watt					830	M90/E	9000	7200	85	3000	12500
H150	150 Watt					739	M102	13300	10000	70	3900	15000
S050	50 Watt	ED17	Universal	Med. Base	Coated	N/A	S68	3800	3420	21	1900	24000+
S070	70 Watt						S62	5860	5270	21	1900	24000+
S100	100 Watt						S54	8800	7920	21	2100	24000+
S150	150 Watt						S55	15000	13500	21	2100	24000+
H070T6	70 Watt	T6	Universal	G12	Clear	830	M139/E	6600	5200	82	3000	12000
H150T6	150 Watt						M142/E	14000	10800	85	3000	12000
QL85	85 Watt	NA	Universal	NA	Coated	840	NA	6000	4800	80	4000	100000
QL165	165 Watt						NA	12000	9600	80	4000	100000

Note: Lamp data provided for reference only and is believed to be accurate at time of printing. Consult manufacturers' data for updated and accurate specifications, along with any specifications and precautions. Contact SELUX for specific manufacture if required. Other lamps are available, contact SELUX with any special requests. All lamps and ballasts supplied by SELUX are usually covered under the ballast and lamp manufacturers' warranties.

Aspen 12V MR-16



QF#: 3

Aspen Brass 12V MR-16



QF#: 3

Aspen Stainless Steel 12V MR-16



QF#: 3

AS - ASPEN

SERIES

AS - Aspen

LAMP - 12V MR-16 -

(see foldout after pg. 562)

0 10 11 12 13 14 15 16 17 18 19 20
21 130 131 65 66 132 67 68 69 133

VOLTAGE

12V - 12 Volt

ACCESSORY LENS - (see winscape technical section)

L0 - None
L1 - Prismatic
L2 - Linear
L3 - Softening
L4 - Watershed™

FINISH - (see pg. 562)

BKS BKT BRS BRT WHS WHT SIS IVS CHS
NBS VET SAT CPF

COLOR FILTER - (see foldout after pg. 562)

F0 FM FR FRD FP FA FG FGD FLB FMB FMDB

SHIELDING

SH0 - None
SH6 - Honeycomb Louver

CAP STYLE - (see foldout after pg. 562)

C1 C2 C3 C4 C5

SPECIAL

STD - Standard
MOD - Modified
350R - 2 Piece 350° Rotation Knuckle



UL Listed: Wet location
Outdoor = 20W-50W
Indoor = 20W
cUL Listed: Wet location
Indoor/Outdoor = 20W

ASBR - ASPEN BRASS

SERIES

ASBR - Aspen Brass

LAMP - 12V MR-16 -

(see foldout after pg. 562)

0 10 11 12 13 14 15 16 17 130 131 65 66 132

VOLTAGE

12V - 12 Volt

ACCESSORY LENS - (see winscape technical section)

L0 - None
L1 - Prismatic
L2 - Linear
L3 - Softening
L4 - Watershed™

FINISH - (see pg. 562)

POL NAT BRZ CPF

COLOR FILTER - (see foldout after pg. 562)

F0 FM FR FRD FP FA FG FGD FLB FMB FMDB

SHIELDING

SH0 - None
SH6 - Honeycomb Louver

CAP STYLE - (see foldout after pg. 562)

C1 C2 C3 C4 C5

SPECIAL

STD - Standard
MOD - Modified



UL Listed: Wet location
Outdoor = 20W-42W
Indoor = 20W
cUL Listed: Wet location
Indoor/Outdoor = 20W

ASSS - ASPEN STAINLESS STEEL

SERIES

ASSS - Aspen Stainless Steel

LAMP - 12V MR-16 -

(see foldout after pg. 562)

0 10 11 12 13 14 130 131 65 66 132

VOLTAGE

12V - 12 Volt

ACCESSORY LENS - (see winscape technical section)

L0 - None
L1 - Prismatic
L2 - Linear
L3 - Softening
L4 - Watershed™

FINISH - (see pg. 562)

PSS NSS BSS CPF

COLOR FILTER - (see foldout after pg. 562)

F0 FM FR FRD FP FA FG FGD FLB FMB FMDB

SHIELDING

SH0 - None
SH6 - Honeycomb Louver

CAP STYLE - (see foldout after pg. 562)

C1 C2 C3 C4 C5

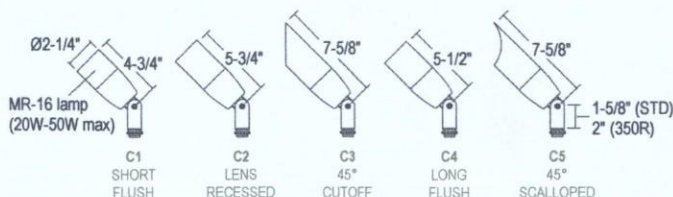
SPECIAL

STD - Standard
MOD - Modified



UL Listed: Wet location
Outdoor = 20W-35W
Indoor = 20W
cUL Listed: Wet location
Indoor/Outdoor = 20W

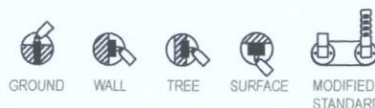
CAP STYLE - ASPEN / ASPEN BRASS / ASPEN STAINLESS STEEL



PRODUCT SPECIFICATION

12V								
Series	Lamp	Voltage	Accessory Lens	Finish	Color Filter	Shielding	Cap Style	Special

MOUNTING



ASPEN / ASPEN BRASS / ASPEN STAINLESS STEEL

- Luminaire machined from ALUMINUM, BRASS, or STAINLESS STEEL
- Ceramic socket rated 250V, 12A, 750W with 18 ga. SEW-1 250°C leads
- Field replaceable lens
- Tapered knuckle seat for infinite aiming and locking
- Any combination of up to three lens accessories/color filter/shielding
- 12V TRANSFORMER required to function properly (purchased separately, see winscape mounting and accessories section)
- Mounting required (purchased separately, see winscape mounting and accessories section)
- When using a color filter consult Specification page on web for wattage restrictions
- Technical lamp (pg. 558-559) / photometric information (www.winonaighting.com)
- Winona Lighting reserves the right to make design revisions without prior notice

WINSCAPE CODES

LAMP	DESCRIPTION	BEAM SPREAD
0-	Lamp By Others	
XX-	Custom Lamping	
96-	No Lamp, 39W Ballast	
97-	No Lamp, 70W Ballast	
98-	No Lamp, 100W Ballast	
99-	No Lamp, 150W Ballast	
100-	No Lamp, 20W Ballast	
MR-8		
42-	20W/10° MR8	10°
43-	20W/23° MR8	23°
44-	35W/13° MR8	13°
45-	35W/26° MR8	26°
MR-11		
35-	12W/8° MR11	8°
36-	FSS/20W/10° MR11	10°
37-	FST/20W/17° MR11	17°
38-	FSV/20W/30° MR11	30°
39-	GDX/35W/10° MR11	10°
40-	GDY/35W/20° MR11	20°
41-	GDZ/35W/30° MR11	30°
MR-16		
10-	ESX/20W/12° MR16	12°
11-	BAB/20W/36° MR16	36°
12-	FRB/35W/12° MR16	12°
13-	FRA/35W/24° MR16	24°
14-	FMW/35W/36° MR16	36°
15-	EYR/42W/12° MR16	12°
16-	EYS/42W/23° MR16	23°
17-	EYP/42W/38° MR16	38°
18-	EXT/50W/12° MR16	12°
19-	EXZ/50W/24° MR16	24°
20-	EXN/50W/36° MR16	36°
21-	FNW/50W/60° MR16	60°
22-	EYF/75W/12° MR16	12°
23-	EYJ/75W/24° MR16	24°
24-	EYC/75W/36° MR16	36°
130-	BBF/20W/24° MR16 10,000 HR	24°
131-	BAB/20W/36° MR16 10,000 HR	36°
65-	FMV/35W/24° MR16 10,000 HR	24°
66-	FMW/35W/36° MR16 10,000 HR	36°
132-	35W/60° MR16 10,000 HR	60°
67-	EXT/50W/12° MR16 10,000 HR	12°
68-	EXZ/50W/24° MR16 10,000 HR	24°
69-	EXN/50W/36° MR16 10,000 HR	36°
133-	FNW/50W/60° MR16 10,000 HR	60°
T-3/T-4		
90-	5W T3 Halogen	N/A
91-	10W T3 Halogen	N/A
92-	20W T3 Halogen	N/A
94-	35W T4 Halogen	N/A
PAR-16		
112-	45W PAR16/H/SP10	10°
113-	45W PAR16/H/NFL27	27°
114-	60W PAR16/H/SP10	10°
115-	60W PAR16/H/FL30	30°
116-	75W PAR16/H/SP10	10°
117-	75W PAR16/H/FL30	30°
PAR-20		
46-	50W PAR20/H/NSP10	10°
48-	50W PAR20/H/FL30	30°
PAR-30		
49-	50W PAR30/H/NSP10	10°
50-	50W PAR30/H/SP16	16°
51-	50W PAR30/H/FL30	30°
52-	50W PAR30/H/WFL40	40°
53-	75W PAR30/H/NSP10	10°
54-	75W PAR30/H/SP16	16°
55-	75W PAR30/H/FL30	30°
56-	75W PAR30/H/WFL40	40°
PAR-36		
118-	35W PAR36/H/NSP5	5°
119-	35W PAR36/H/NSP8	8°
120-	35W PAR36/H/FL30	30°
121-	50W PAR36/H/NSP5	5°
122-	50W PAR36/H/NSP8	8°
123-	50W PAR36/H/FL30	30°

LAMP	DESCRIPTION	BEAM SPREAD
AR-111		
104-	50W AR111/H/NSP8	8°
105-	50W AR111/H/FL25	25°
106-	75W AR111/H/NSP8	8°
107-	75W AR111/H/FL25	25°
108-	75W AR111/H/WFL45	45°
109-	100W AR111/H/NSP8	8°
110-	100W AR111/H/FL25	25°
111-	100W AR111/H/WFL45	45°
PAR-38		
57-	90W PAR38/H/NSP10	10°
59-	90W PAR38/H/FL30	30°
60-	120W PAR38/H/NSP10	10°
61-	120W PAR38/H/FL30	30°
62-	120W PAR38/H/WFL55	55°
PAR-20 MH		
88-	20W PAR20/MH/SP8	8°
89-	20W PAR20/MH/FL25	25°
70-	39W PAR20/MH/SP10	10°
71-	39W PAR20/MH/FL30	30°
PAR-30 MH		
72-	39W PAR30/MH/SP10	10°
73-	39W PAR30/MH/FL30	30°
74-	70W PAR30/MH/SP10	10°
75-	70W PAR30/MH/FL40	40°
PAR-38 MH		
76-	70W PAR38/MH/SP15	15°
77-	70W PAR38/MH/FL25	25°
78-	70W PAR38/MH/WFL60	60°
79-	100W PAR38/MH/SP15	15°
80-	100W PAR38/MH/FL25	25°
81-	100W PAR38/MH/WFL60	60°
82-	150W PAR38/MH/SP20	20°
83-	150W PAR38/MH/FL35	35°
84-	150W PAR38/MH/WFL65	65°
T-4/T-4.5 MH		
125-	CMH20/T4.5/MH	N/A
126-	CDM39/T4.5/MH	N/A
127-	CDM70/T4.5/MH	N/A
T-6 MH		
85-	CMD39/T6/MH	N/A
86-	CMD70/T6/MH	N/A
87-	CMD150/T6/MH	N/A

LIGHT SOURCE	DESCRIPTION	BEAM SPREAD
XXXX-	Custom Light Source	
LED-11		
Warm White, 3000K, 120 lumen		
1002-	2.5W/10° SP/WW LED	10°
1003-	2.5W/20° NFL/WW LED	20°
1004-	2.5W/36° FL/WW LED	36°
Cool White, 6500K, 150 lumen		
1005-	2.5W/10° SP/CW LED	10°
1006-	2.5W/20° NFL/CW LED	20°
1007-	2.5W/36° FL/CW LED	36°
LED-16		
Warm White, 3000K, 360 lumen		
3002-	7.5W/10° SP/WW LED	10°
3003-	7.5W/20° NFL/WW LED	20°
3004-	7.5W/36° FL/WW LED	36°
Cool White, 6500K, 450 lumen		
3005-	7.5W/10° SP/CW LED	10°
3006-	7.5W/20° NFL/CW LED	20°
3007-	7.5W/36° FL/CW LED	36°
Warm White, 3000K, 370 lumen		
3012-	3.5W/12° SP/WW LED	12°
3013-	3.5W/20° NFL/WW LED	20°
3014-	3.5W/35° FL/WW LED	35°
Cool White, 5000K, 430 lumen		
3015-	3.5W/12° SP/CW LED	10°
3016-	3.5W/20° NFL/CW LED	20°
3017-	3.5W/35° FL/CW LED	35°

LAMP	DESCRIPTION	BEAM SPREAD
LED-32		
Warm White, 3000K, 725 lumen		
9002-	15W/10° SP/WW LED	10°
9003-	15W/25° NFL/WW LED	25°
9004-	15W/40° FL/WW LED	40°
Cool White, 5000K, 845 lumen		
9005-	15W/10° SP/CW LED	10°
9006-	15W/25° NFL/CW LED	25°
9007-	15W/40° FL/CW LED	40°

FINISH		
Aluminum Finish	BKS-	Black Smooth
	BKT-	Black Textured
	BRS-	Bronze Smooth
	BRT-	Bronze Textured
	WHS-	White Smooth
	WHT-	White Textured
	SIS-	Silver Smooth
	IVS-	Ivory Smooth
Brass Finish	CHS-	Chrome Smooth
	NBS-	Natural Bronze Smooth
	VER-	Verde Textured
	SAT-	Sand Textured
	BAL-	Brushed Aluminum
	CPF-	Custom Finish
	POL-	Polished Brass w/ Gloss Clear
	NAT-	Natural Brass w/ Satin Clear
Stainless Steel Finish	BRZ-	Satin Bronze w/ Satin Clear
	CPF-	Custom Finish
	PSS-	Polished Stainless
	NSS-	Natural Stainless
	BSS-	Brushed Stainless
	CPF-	Custom Finish

COLOR FILTER	
F0-	None
FM-	Mercury Vapor
FR-	Red
FRD-	Red Dichroic
FP-	Pink
FA-	Amber
FG-	Green
FGD-	Green Dichroic
FLB-	Light Blue
FMB-	Medium Blue
FMBD-	Medium Blue Dichroic

CAP STYLE	
C1-	Short Flush
C2-	Lens Recessed
C3-	45° Cutoff
C4-	Long Flush
C5-	45° Scalloped

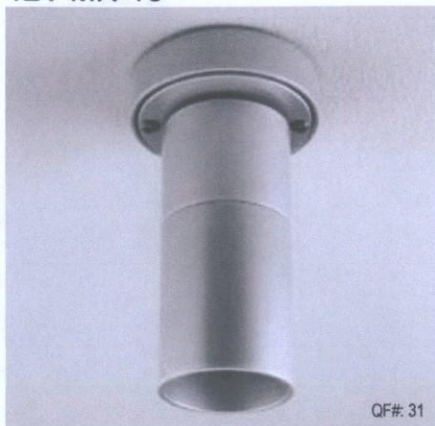
REFLECTOR	
SP8°-	Spot 8°
NF23°-	Narrow Flood 23°
FL30°-	Flood 30°
WF50°-	Wide Flood 50°

BALLAST OPTIONS	
0-	None
PC-	Concrete Pour Collar (B1 & B4 only)

BALLAST HOUSING	
B3-	Remote Wall Mount
B4-	Remote Ingrade
B4PC-	Remote Ingrade w/ Pour Collar

L2

Island 12V MR-16

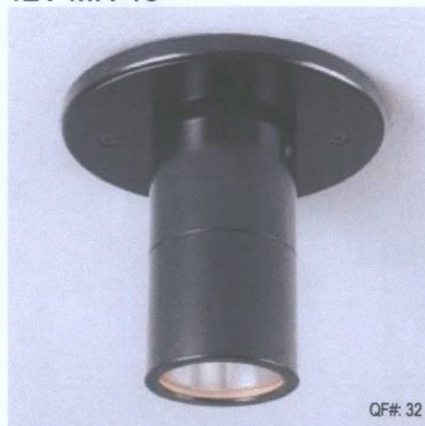


QF#: 31



UL Listed: Wet location
Outdoor = 35W

Pepin 12V MR-16



QF#: 32



UL Listed: Wet location
Outdoor = 35W

IS - ISLAND

SERIES

IS - Island

LAMP - 12V MR-16 - (see foldout after pg. 562)

0 10 11 12 13 14 130 131 65 66 132

VOLTAGE

12V - 12 Volt

ACCESSORY LENS - (see winscape technical section)

L0 - None
L1 - Prismatic
L2 - Linear
L3 - Softening

FINISH - (see pg. 562)

BKS BKT BRS BRT WHS
WHT SIS IVS CHS NBS
VET SAT CPF

COLOR FILTER -

(see foldout after pg. 562)

F0 FM FR FRD FP FA
FG FGD FLB FMB FMBD

SHIELDING

SH0 - None
SH6 - Honeycomb Louver

CAP STYLE -

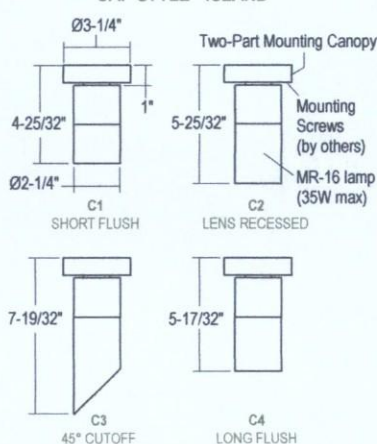
(see foldout after pg. 562)

C1 C2 C3 C4

SPECIAL

STD - Standard
MOD - Modified

CAP STYLE - ISLAND



PE - PEPIN

SERIES

PE - Pepin

LAMP - 12V MR-16 - (see foldout after pg. 562)

0 10 11 12 13 14 130 131 65 66 132

VOLTAGE

12V - 12 Volt

ACCESSORY LENS - (see winscape technical section)

L0 - None
L1 - Prismatic
L2 - Linear
L3 - Softening

FINISH - (see pg. 562)

BKS BKT BRS BRT WHS
WHT SIS IVS CHS NBS
VET SAT CPF

COLOR FILTER -

(see foldout after pg. 562)

F0 FM FR FRD FP FA
FG FGD FLB FMB FMBD

SHIELDING

SH0 - None
SH6 - Honeycomb Louver

CAP STYLE -

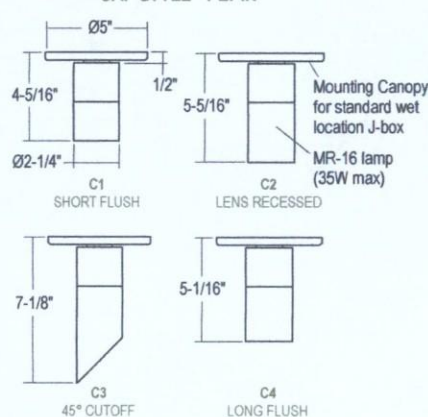
(see foldout after pg. 562)

C1 C2 C3 C4

SPECIAL

STD - Standard
MOD - Modified

CAP STYLE - PEPIN



ISLAND

- Luminaire machined from ALUMINUM
- Ceramic socket rated 250V, 12A, 750W with 18 ga. SEW-1 250°C leads
- Field replaceable lens
- Any combination of up to three lens accessories/color filter/shielding
- 12V TRANSFORMER required to function properly (purchased separately, see winscape mounting and accessories section)
- Fixture mounts to any flat surface
- Technical lamp (pg. 558-559) / photometric information (www.winonalighting.com)
- Winona Lighting reserves the right to make design revisions without prior notice

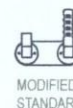
PEPIN

- Luminaire machined from ALUMINUM
- Ceramic socket rated 250V, 12A, 750W with 18 ga. SEW-1 250°C leads
- Field replaceable lens
- Any combination of up to three lens accessories/color filter/shielding
- 12V TRANSFORMER required to function properly (purchased separately, see winscape mounting and accessories section)
- Fixture mounts to any standard 4\" wet location J-box
- Technical lamp (pg. 558-559) / photometric information (www.winonalighting.com)
- Winona Lighting reserves the right to make design revisions without prior notice

PRODUCT SPECIFICATION

12V								
Series	Lamp	Voltage	Accessory Lens	Finish	Color Filter	Shielding	Cap Style	Special

MOUNTING



WINSCAPE CODES

LAMP	DESCRIPTION	BEAM SPREAD
0-	Lamp By Others	
XX-	Custom Lamping	
96-	No Lamp, 39W Ballast	
97-	No Lamp, 70W Ballast	
98-	No Lamp, 100W Ballast	
99-	No Lamp, 150W Ballast	
100-	No Lamp, 20W Ballast	
MR-8		
42-	20W/10° MR8	10°
43-	20W/23° MR8	23°
44-	35W/13° MR8	13°
45-	35W/26° MR8	26°
MR-11		
35-	12W/8° MR11	8°
36-	FSS/20W/10° MR11	10°
37-	FST/20W/17° MR11	17°
38-	FSV/20W/30° MR11	30°
39-	GDX/35W/10° MR11	10°
40-	GDY/35W/20° MR11	20°
41-	GDZ/35W/30° MR11	30°
MR-16		
10-	ESX/20W/12° MR16	12°
11-	BAB/20W/36° MR16	36°
12-	FRB/35W/12° MR16	12°
13-	FRA/35W/24° MR16	24°
14-	FMW/35W/36° MR16	36°
15-	EYR/42W/12° MR16	12°
16-	EYS/42W/23° MR16	23°
17-	EYP/42W/38° MR16	38°
18-	EXT/50W/12° MR16	12°
19-	EXZ/50W/24° MR16	24°
20-	EXN/50W/36° MR16	36°
21-	FNW/50W/60° MR16	60°
22-	EYF/75W/12° MR16	12°
23-	EYJ/75W/24° MR16	24°
24-	EYC/75W/36° MR16	36°
130-	BBF/20W/24° MR16 10,000 HR	24°
131-	BAB/20W/36° MR16 10,000 HR	36°
65-	FMV/35W/24° MR16 10,000 HR	24°
66-	FMW/35W/36° MR16 10,000 HR	36°
132-	35W/60° MR16 10,000 HR	60°
67-	EXT/50W/12° MR16 10,000 HR	12°
68-	EXZ/50W/24° MR16 10,000 HR	24°
69-	EXN/50W/36° MR16 10,000 HR	36°
133-	FNW/50W/60° MR16 10,000 HR	60°
T-3/T-4		
90-	5W T3 Halogen	N/A
91-	10W T3 Halogen	N/A
92-	20W T3 Halogen	N/A
94-	35W T4 Halogen	N/A
PAR-16		
112-	45W PAR16/H/SP10	10°
113-	45W PAR16/H/NFL27	27°
114-	60W PAR16/H/SP10	10°
115-	60W PAR16/H/FL30	30°
116-	75W PAR16/H/SP10	10°
117-	75W PAR16/H/FL30	30°
PAR-20		
46-	50W PAR20/H/NSP10	10°
48-	50W PAR20/H/FL30	30°
PAR-30		
49-	50W PAR30/H/NSP10	10°
50-	50W PAR30/H/SP16	16°
51-	50W PAR30/H/FL30	30°
52-	50W PAR30/H/WFL40	40°
53-	75W PAR30/H/NSP10	10°
54-	75W PAR30/H/SP16	16°
55-	75W PAR30/H/FL30	30°
56-	75W PAR30/H/WFL40	40°
PAR-36		
118-	35W PAR36/H/NSP5	5°
119-	35W PAR36/H/NSP8	8°
120-	35W PAR36/H/FL30	30°
121-	50W PAR36/H/NSP5	5°
122-	50W PAR36/H/NSP8	8°
123-	50W PAR36/H/FL30	30°

LAMP	DESCRIPTION	BEAM SPREAD
AR-111		
104-	50W AR111/H/NSP8	8°
105-	50W AR111/H/FL25	25°
106-	75W AR111/H/NSP8	8°
107-	75W AR111/H/FL25	25°
108-	75W AR111/H/WFL45	45°
109-	100W AR111/H/NSP8	8°
110-	100W AR111/H/FL25	25°
111-	100W AR111/H/WFL45	45°
PAR-38		
57-	90W PAR38/H/NSP10	10°
59-	90W PAR38/H/FL30	30°
60-	120W PAR38/H/NSP10	10°
61-	120W PAR38/H/FL30	30°
62-	120W PAR38/H/WFL55	55°
PAR-20 MH		
88-	20W PAR20/MH/SP8	8°
89-	20W PAR20/MH/FL25	25°
70-	39W PAR20/MH/SP10	10°
71-	39W PAR20/MH/FL30	30°
PAR-30 MH		
72-	39W PAR30/MH/SP10	10°
73-	39W PAR30/MH/FL30	30°
74-	70W PAR30/MH/SP10	10°
75-	70W PAR30/MH/FL40	40°
PAR-38 MH		
76-	70W PAR38/MH/SP15	15°
77-	70W PAR38/MH/FL25	25°
78-	70W PAR38/MH/WFL60	60°
79-	100W PAR38/MH/SP15	15°
80-	100W PAR38/MH/FL25	25°
81-	100W PAR38/MH/WFL60	60°
82-	150W PAR38/MH/SP20	20°
83-	150W PAR38/MH/FL35	35°
84-	150W PAR38/MH/WFL65	65°
T-4/T-4.5 MH		
125-	CMH20/T4.5/MH	N/A
126-	CDM39/T4.5/MH	N/A
127-	CDM70/T4.5/MH	N/A
T-6 MH		
85-	CMD39/T6/MH	N/A
86-	CMD70/T6/MH	N/A
87-	CMD150/T6/MH	N/A

LIGHT SOURCE	DESCRIPTION	BEAM SPREAD
XXXX-	Custom Light Source	
LED-11		
Warm White, 3000K, 120 lumen		
1002-	2.5W/10° SP/WW LED	10°
1003-	2.5W/20° NFL/WW LED	20°
1004-	2.5W/36° FL/WW LED	36°
Cool White, 6500K, 150 lumen		
1005-	2.5W/10° SP/CW LED	10°
1006-	2.5W/20° NFL/CW LED	20°
1007-	2.5W/36° FL/CW LED	36°
LED-16		
Warm White, 3000K, 360 lumen		
3002-	7.5W/10° SP/WW LED	10°
3003-	7.5W/20° NFL/WW LED	20°
3004-	7.5W/36° FL/WW LED	36°
Cool White, 6500K, 450 lumen		
3005-	7.5W/10° SP/CW LED	10°
3006-	7.5W/20° NFL/CW LED	20°
3007-	7.5W/36° FL/CW LED	36°
Warm White, 3000K, 370 lumen		
3012-	3.5W/12° SP/WW LED	12°
3013-	3.5W/20° NFL/WW LED	20°
3014-	3.5W/35° FL/WW LED	35°
Cool White, 5000K, 430 lumen		
3015-	3.5W/12° SP/CW LED	10°
3016-	3.5W/20° NFL/CW LED	20°
3017-	3.5W/35° FL/CW LED	35°

LAMP	DESCRIPTION	BEAM SPREAD
LED-32		
Warm White, 3000K, 725 lumen		
9002-	15W/10° SP/WW LED	10°
9003-	15W/25° NFL/WW LED	25°
9004-	15W/40° FL/WW LED	40°
Cool White, 5000K, 845 lumen		
9005-	15W/10° SP/CW LED	10°
9006-	15W/25° NFL/CW LED	25°
9007-	15W/40° FL/CW LED	40°

FINISH		
Aluminum Finish	BKS-	Black Smooth
	BKT-	Black Textured
	BRS-	Bronze Smooth
	BRT-	Bronze Textured
	WHS-	White Smooth
	WHT-	White Textured
	SIS-	Silver Smooth
	IVS-	Ivory Smooth
Brass Finish	CHS-	Chrome Smooth
	NBS-	Natural Bronze Smooth
	VET-	Verde Textured
	SAT-	Sand Textured
	BAL-	Brushed Aluminum
	CPF-	Custom Finish
	POL-	Polished Brass w/ Gloss Clear
	NAT-	Natural Brass w/ Satin Clear
Stainless Steel Finish	BRZ-	Satin Bronze w/ Satin Clear
	CPF-	Custom Finish
	PSS-	Polished Stainless
	NSS-	Natural Stainless
	BSS-	Brushed Stainless
	CPF-	Custom Finish

COLOR FILTER	
F0-	None
FM-	Mercury Vapor
FR-	Red
FRD-	Red Dichroic
FP-	Pink
FA-	Amber
FG-	Green
FGD-	Green Dichroic
FLB-	Light Blue
FMB-	Medium Blue
FMBD-	Medium Blue Dichroic

CAP STYLE	
C1-	Short Flush
C2-	Lens Recessed
C3-	45° Cutoff
C4-	Long Flush
C5-	45° Scalloped

REFLECTOR	
SP8°-	Spot 8°
NF23°-	Narrow Flood 23°
FL30°-	Flood 30°
WF50°-	Wide Flood 50°

BALLAST OPTIONS	
0-	None
PC-	Concrete Pour Collar (B1 & B4 only)

BALLAST HOUSING	
B3-	Remote Wall Mount
B4-	Remote Ingrade
B4PC-	Remote Ingrade w/ Pour Collar

L4

CE4 RGBW LED Inground Light

Features & Benefits



4.8W IP65 RGB LED Inground Uplight

The brand new CE4 In-ground light has changed the way we look at colour changing lights forever. The CE4 In-ground performs on all levels, providing perfect colour mixing at source and advanced light throw without the high energy costs associated with entertainment lighting.

Exterior usage where RGBW colour changing is required.

Change the colour, Change the mood

Product Features

- Lifetime upto 50,000 hours
- Available in Abstract RGBW colour mixing, single colour Red, Green, Blue, Amber as well as AVR warm white, cool white.
- Lens options 15 degree, 28 degree, 36 degree.
- Proportioned heat sink for even heat dispersion
- Exterior usage where RGBW colour changing is required

Product Benefits

- Generate mood inside and out of any concert, show, event, club, bar, restaurant or entertainment complex instantly
- Optional beams for wider/tighter area coverage
- Minimal energy costs, 4.8W
- limitless colour, achieve 16 million vibrant colours with RGB mixing
- Easy set, 8 CE4 IG's per LUD48 driver. Simply connect each LUD48 for complete DMX control
- Set the scene, follow hyped trends instantly with intelligent DMX driver modules from Abstract. Change the colour change the mood
- Unlimited colour linkage, connect multiple LUD48 DMX driver modules for harmonious colour cycles

Application

- exterior applications where high power, vibrant colour is required.

ABSTRACT See more [™]

55-DR-2012
5/8/2013

CE4 RGBW LED Inground Light

Specifications

Physical

- Power consumption: 4.8W
- Number of LEDs: 4
- Depth: 115mm
- Body Size: 110mm Flange
- Max. input current: 350 mA

Features

- Full colour mixing
- limitless colour, achieve 16 million vibrant colours with RGBW mixing
- Easy setup, 12 CE4's per LUD48 RGB Driver. Simply connect multiple LUD48 Drivers for full DMX control.
- Expandable system

LED colour variants

- RGBW colour mixing
- Abstract single colour red, green, blue, Amber
- AVR single colour warm white, neutral white

Installation

- Exterior usage: Applications where high power, vibrant colour wash effect is required.
- Cut out hole: 92mm

Construction

- Housing: aluminium
- Lens: 15/28/36

Compatible Transformers

- LUD48, LUD192 RGB/W driver

Compatible Controllers

- LUC01

Thermal

- Operating Ambient Temp. Range: -20°C/ +40°C
- Operating Temperature: +50°C @ ambient 25
- Cooling System: convection

Wiring & Connections

- Connections: Cat5 RJ45

COLE LIGHTING

Steplites

Series	Incan.	Fluor.	HID	LED	Exterior	Interior	Feed-Thru	Other Options
158	•	•		•	•	•	•	Cast bronze front 277V electrical Tamperproof screws

158 SERIES

Description

The 158 Series of Steplites is a low-profile, "brick size" site fixture with incandescent, fluorescent, and LED lamp options. It is appropriate in a variety of interior or exterior locations. The rugged construction, engineering excellence, and quality make these fixtures ideal for specification in most public areas.

Features

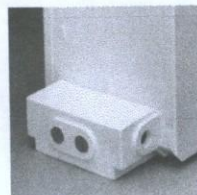
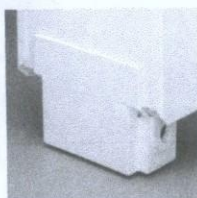
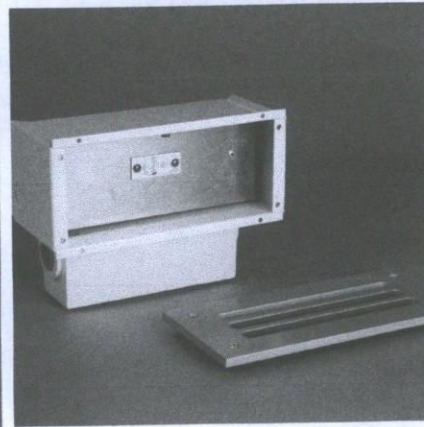
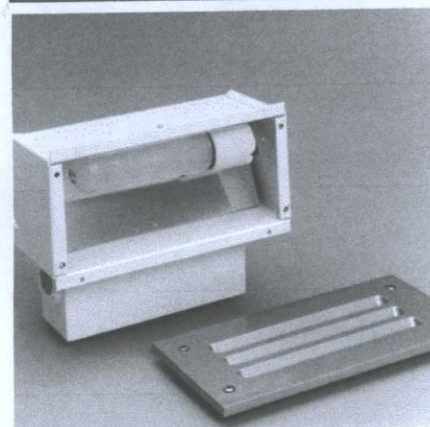
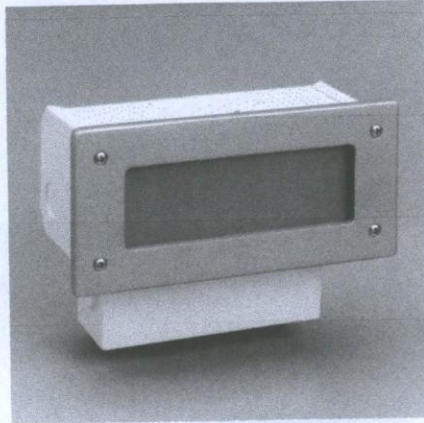
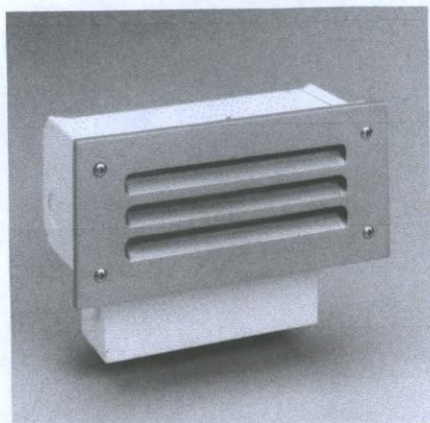
With the fluorescent lamp option, or thermal protection for the incandescent lamp option, this fixture may be used for combustible interior construction. Louvers in the 158 Series are more widely spaced than most fixtures of this type, allowing for significantly greater forward projected illumination. Exceptional durability is provided by the thick cast aluminum faceplate and the tempered glass diffuser. Cole Steplites feature a cast aluminum junction box which may be easily field mounted to either the back or bottom of the housing to best suit installation conditions.

Applications

Incandescent fixtures will work well in extremely cold climate conditions where fluorescents are not applicable. The 158 Series Steplites are suitable for concrete pour/block wall and stud wall mounting in indoor or outdoor installations. The low voltage lamp option allows safe, easy use in outdoor landscaping applications. They are ideal in low walls and step risers.

Custom

If your project demands a special fixture we would be pleased to discuss the production of modified standard fixtures or custom fixtures to suit your specific conditions. For more information on our custom capabilities, please contact your local Cole representative.



A 40W T10 (25W for IC application), low-voltage incandescent, 7W or 9W compact fluorescent lamp, or LED may be specified for this series.

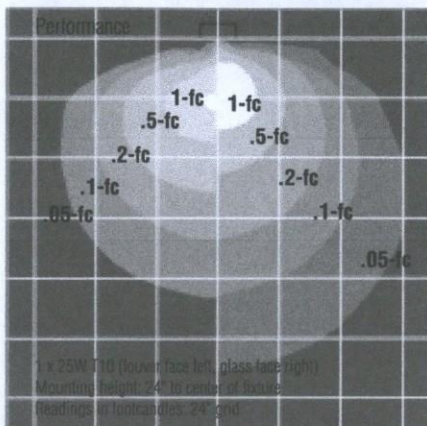
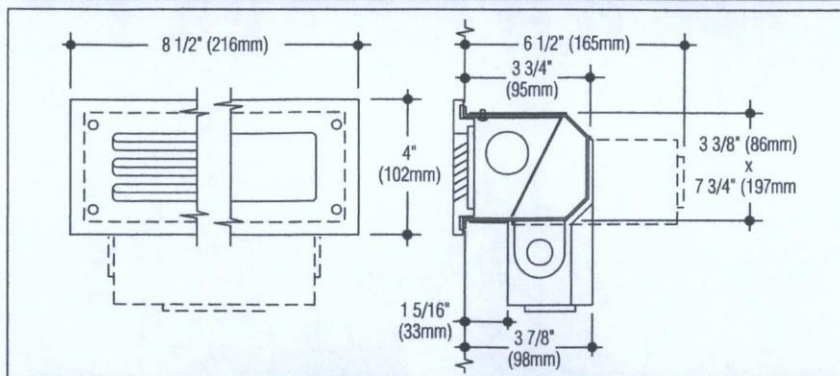
The junction box on Cole Steplites may be field mounted to the back or bottom of the fixture.

COLE
Lighting

C. W. Cole & Company, Inc.
2560 N. Rosemead Boulevard
South El Monte, CA 91733-1593

Fax (626) 443-9253
Tel. (626) 443-2473
info@colelighting.com
www.colelighting.com

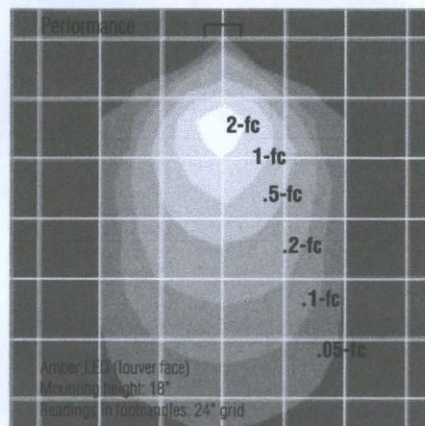
COLE LIGHTING



The isolux curves illustrated above show the footcandle distribution for a 158 Series fixture with a 25W incandescent lamp mounted at a height of 2'-0". The conversion chart provides the light output figures for various lamp types at four mounting heights. The lamp height determines the scale of the grid, i.e., for a fixture mounted at 3'-0" the grid becomes 3'-0" x 3'-0". To calculate the footcandles for each iso curve use the conversion factors shown in the chart as multipliers of the footcandles indicated for each iso curve. IES format photometric files are available.

Catalog Numbers

Lamp	Faceplate
One 25W T10 medium base incandescent (type IC)	T 158-IC
One 40W T10 medium base incandescent	T 158
One 7W or 9W (G23 base) compact fluorescent	F 158
One low-voltage SC bayonet base incandescent	T 158-LV
5W warm white LEDs (3000°K)	L 158



LED Color	Voltage	Current	Wattage
White	120V	17.73mA	2.0W
9,000-11,000K	277V	20.31mA	1.9W
Amber	120V	19.47mA	1.5W
2,000-2,500K	277V	20.89mA	1.4W

Isolux Footcandle Conversion Chart (above left)

Lamp Type	Lum.	Mounting Height and Grid Scale
		1'-0" 1'-6" 2'-0" 3'-0"
25W T10 incand.	244	4.00 1.78 1.00 0.44
40W T10 incand.	415	6.80 3.03 1.70 0.75
7W compact fluor.	400	6.56 2.91 1.64 0.73
9W compact fluor.	600	9.48 4.38 2.46 1.08

Faceplate	Glass
Louver	
T 158-IC	
T 158	T 158G
F 158	F 158G
T 158-LV	T 158G-LV
L 158	

* Electronic ballast requires CFT7W/2G7, and CFT9W/2G7

Options

Junction Box: Bottom or back mounted junction box for feed-thru. Add suffix **-J**.

Weatherproof: For exterior applications. Not for -IC models. Add suffix **-W**.

Plastic Microlouver: 3M Light Control Film behind clear tempered glass. Fluorescent or LED models only. Add suffix **-PM**.

Sharp Cutoff Louver (except L158): Reduces illumination pattern. Add suffix **-SCL**.

QB 3M C11

Bronze Faceplate: Satin finished, red brass faceplate. Add suffix **-B**.

Alternate Faceplate Color: Black or white. To specify, add suffix **-BLK** or **-WHT**.

Ballasts: 277V ballast. Add suffix **-277**. Electronic ballast (fluor.). Add suffix **-EB**.

Tamperproof Screws: Tamperproof allen head faceplate screws. Add suffix **-TP**.

Steplites

158 SERIES

Specifications

Construction

- Fixture housing is constructed from die-formed 16 gauge steel finished with a white polyester coating
- Faceplate is cast aluminum with metallic aluminum polyester coating, gasketed and retained by stainless steel screws
- Diffuser (omitted in non-weatherproof louver faceplate models) is frosted tempered glass, set in silicone sealant in weatherproof models
- Reflector is constructed of die-formed white aluminum
- Optional junction box is cast aluminum with polyester coating
- cETLus listed
- Incandescent type IC models, furnished without glass diffuser, suitable for dry or damp locations only in any wall construction
- Non-type IC incandescent models suitable for wet locations in concrete pour/block wall construction only
- Fluorescent and LED models suitable for wet locations, any wall construction

Electrical

- Fixture is wired for either 40W T10 incandescent (25W for IC application), one 7W, 9W compact fluorescent lamp, or LED. Ballast is standard 120V (277V optional), low-ambient
- Pivoting fluorescent socket eases relamping
- Low-voltage model provides single contact bayonet socket for use with low voltage circuit (transformer not included)
- Optional junction box allows 8 wire thru-wiring, four in and four out. Provided with two 1/2" tapped conduit entrances in the bottom and one 1/2" conduit entrance in each side

Mounting

Housing has flange with holes for mounting.

How to Specify

1. Select catalog number with desired features.
2. Add suffixes for options required to meet job conditions

COLE

C. W. Cole & Company, Inc.
2560 N. Rosemead Boulevard
South El Monte, CA 91733-1593

Fax (626) 443-9253
Tel. (626) 443-2473
info@colelighting.com



FEATURES & SPECIFICATIONS

INTENDED USE — For building- and wall-mounted applications.

CONSTRUCTION — Rugged, die-cast, single-piece aluminum housing. Die-cast doorframe has 1/8" thick tempered glass lens. Doorframe is fully gasketed with one-piece solid silicone.

Finish: Standard finish is textured dark bronze (DBBT) corrosion-resistant polyester powder finish. Additional architectural colors are available. Striping is also available.

OPTICS — Segmented reflectors for superior uniformity and control. Medium throw (MD) full cutoff downlight distribution available. Two uplight distributions available: MDU (medium throw, 10% up), and MDUS (up/down medium throw, 50% up 50% down).

ELECTRICAL — Ballast: Class P, multi-volt electronic, high power factor, <10%THD, with starting temperature of 0°F (-18°C).

Socket: High temperature thermoplastic with integral lamp retention clip.

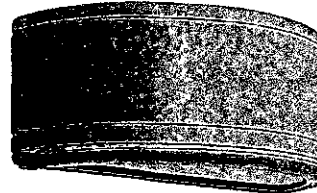
INSTALLATION — Universal mounting mechanism with integral mounting support allows fixture to hinge down. Bubble level provides correct alignment with each installation.

LISTINGS — UL Listed (standard). CSA Certified (see Options). Suitable for wet locations (damp location listed in lens-up orientation). WLU option offers wet location listing in up orientation (see Options). IP65 Rated. 25°C ambient. ELED: U.S. Patent No. 7,737,640.

Note: Specifications subject to change without notice.

Catalog Number
Notes
Type

Decorative Wall-Mounted Lighting



WSR

COMPACT FLUORESCENT:

26W DTT

26W-42W TRT

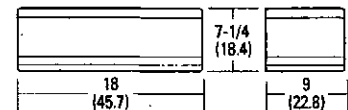
Specifications

Length: 18 (45.7)

Depth: 9 (22.8)

Overall Height: 7-1/4 (18.4)

*Weight: 30 (13.6 kg)



All dimensions are in inches (centimeters) unless otherwise indicated.

*Weight as configured in example below.

ORDERING INFORMATION For shortest lead times, configure product using **standard options (shown in bold)**.

Example: WSR 42TRT MD MVOLT LPI

WSR	Series	Wattage	Distribution	Voltage	Ballast	Mounting	Options
WSR	26DTT	2/26DTT	Downlight distributions MD Medium throw	120	(blank) Electronic 0° F	(blank) Surface mount	Shipped installed in fixture
	26TRT	2/26TRT	Up/down distributions MDU Medium throw with 10% uplight (coated lamp std.)	277		Shipped separately²	DC12 Emergency circuit 12-volt (35W lamp included) ³
	32TRT	2/32TRT	MDU5 Up/down medium throw with 50% uplight and 50% downlight (coated lamp std.)	347		BBW Surface mount back box	2DC12 Emergency circuit 12-volt (two 35W lamps included) ³
	42TRT	2/42TRT		MVOLT¹		UT5 Uplight 5 degrees	DC2012 Emergency circuit 12-volt (20W lamp included) ³
							2DC2012 Emergency circuit 12-volt (two 20W lamps included) ³
							DFL Diffusing lens

Options (continued)	Finish ¹⁴	Lamp ¹⁴
EC Emergency circuit ⁴	(blank) Dark bronze, textured	LPI Lamp included
ELDW Emergency battery pack (32°F min. operating temp.) ^{5,6,7}	DSST Sandstone, textured	L/LP Less lamp
ELDWC Emergency battery pack (0°F min. operating temp.) ^{5,6,7,8,9}	DNAT Natural aluminum, textured	
ELDWR Fixture wired ready for Bodine® B30 battery pack (battery pack not included; 32° min. operating temp) ⁵	DWHG White, textured	
ELDWAPS Fixture wired ready for PS1400 or PSDL remote battery pack (battery pack not included; 32° min. operating temp) ^{5,10}	DBLB Black, textured	
ELED Emergency LED secondary source battery pack with time delay (-4°F min. operating temperature) ^{11,12}	CR Corrosion-resistance	
2ELED Emergency LED secondary source (two modules) battery pack with time delay (-4°F min. operating temperature) ^{11,12}	CRT Non-stick protective coating ¹⁵	

Notes

- 1 Multi-volt electronic ballast capable of operating on any line voltage from 120-277V.
- 2 May be ordered as an accessory with prefix "WS". Must specify finish.
- 3 Not available with GMF, EC, ELDWs.
- 4 Maximum allowable wattage lamp included.
- 5 Not available with MVOLT; must specify voltage.
- 6 Not available with 2/32TRT or 2/42TRT.
- 7 Not available with DCs or EC.
- 8 Not available with 2/26DTT or 2/26TRT.
- 9 For MD only.
- 10 Not available with 2/42TRT.

11 Not available with EC, DCs or ELDWs.

12 Must specify 120V or 277V.

13 Must be ordered with fixture; cannot be field installed.

14 See www.lithonia.com/archcolors for additional color options.

15 Black finish only.

16 Must be specified (35K lamp with LPI).



Consistent with LEED® goals & Green Globes™ criteria for light pollution reduction

OUTDOOR

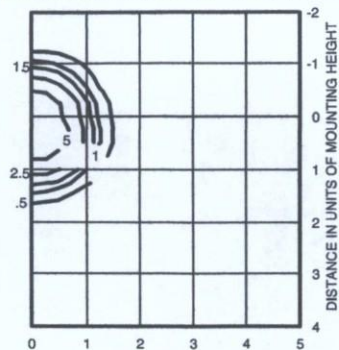
WSR_CF

55-DR-2012
3/8/2013

WSR Fluorescent Wall Mounted

WSR 2/42TRT MD

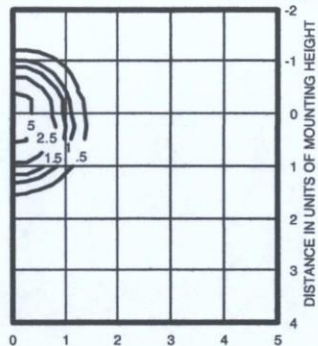
ISOILLUMINANCE PLOT (Footcandle) TEST NO: LTL11338



2/42TRT lamp, horizontal lamp orientation
Footcandle values based on 12'
mounting height, 3200 rated lumens (per lamp).
Luminaire Efficiency: 49.6%

WSR 2/42TRT MDU

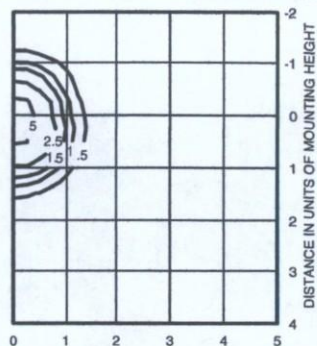
ISOILLUMINANCE PLOT (Footcandle) TEST NO: LTL11314



2/42TRT lamp, horizontal lamp orientation
Footcandle values based on 12'
mounting height, 3200 rated lumens (per lamp).
Luminaire Efficiency: 40.6%

WSR 2/42TRT MDU5

ISOILLUMINANCE PLOT (Footcandle) TEST NO: LTL11315



2/42TRT lamp, horizontal lamp orientation
Footcandle values based on 12'
mounting height, 3200 rated lumens (per lamp).
Luminaire Efficiency: 63.6%

Lamp	Initial lumens	Mounting height			
		10'	12'	14'	16'
Compact Fluorescent					
42W TRT	3,200	0.72	0.50	0.37	0.28
(2) 42W TRT	6,400	1.44	1.0	0.73	0.53

Emergency Option Lamp Compatibility											
Lamp options # of lamps/wattage	DC12	2DC12	DC2012	2DC2012	EC	ELED	2ELED	ELDW	ELDWC	ELDWR	ELDWRPS
26DTT (1 lamp)	■	■	■	■	■	■	■	■	■	■	■
2/26DTT	■	■	■	■	■	■	■	■	■	■	■
26TRT (1 lamp)	■	■	■	■	■	■	■	■	■	■	■
2/26TRT	■	■	■	■	■	■	■	■	■	■	■
32TRT (1 lamp)	■	■	■	■	■	■	■	■	■	■	■
2/32TRT	■	■	■	■	■	■	■	■	■	■	■
42TRT (1 lamp)	■	■	■	■	■	■	■	■	■	■	■
2/42TRT	■	■	■	■	■	■	■	■	■	■	■



FEATURES & SPECIFICATIONS

INTENDED USE

For use with housings L3 and L3R.

CONSTRUCTION

Antique bronze, oil-rubbed bronze, brushed nickel, white and black finishes are one piece aluminum open reflectors with integral flange.

INSTALLATION

Socket to trim interface.

Retaining clips pull and snap onto top of reflector to hold trim inside housing.

LISTING

U.L. Listed to U.S. and Canadian safety standards.

Damp location listed.

Pull on clip Patent # (U.S.) 5707143, (Canada) 2193902.

Catalog Number

Notes

AXIS RADIUS

Type

3" Finishing Trim

3B1

BAFFLE SHALLOW
Narrow Flange

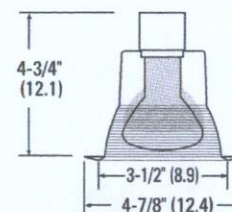


Specifications

Height: 4-3/4" (12.1)

Lamp opening: 3-1/2" (8.9)

Diameter: 4-7/8" (12.4)



All dimensions are inches (centimeters).

ORDERING INFORMATION

For shortest lead times, configure product using **standard options (shown in bold)**.

Example: **3B1**

3B1	
Series	Finish
3B1	(blank) Black baffle
	W White baffle
	BN Brushed nickel baffle
	BZA Antique bronze baffle
	ORB Oil-rubbed bronze baffle

Housing Compatibility

Housing and trim ordered separately.

Application	Maximum Source	wattage	Housing
IC	Incandescent	35 PAR20	L3, L3R
		50 PAR20 ¹	
		50 R20 ¹	
Non-IC	Incandescent	50 PAR20	L3, L3R

NOTES:

1 White baffle (3B1W) only.

3B1 3" Baffle Shallow Full Reflector Trim



An **Acuity** Brands Company

Sheet #: 3B1

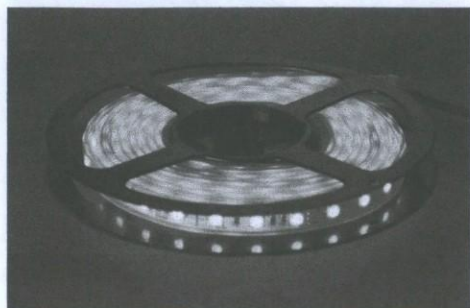
©2000-2009 Acuity Brands Lighting, Inc. All rights reserved. Rev. 11/2/09

Lithonia Lighting
Recessed Downlighting
One Lithonia Way, Conyers, GA 30012
Phone: 800-315-4935 Fax: 770-918-1209
www.lithonia.com

ACCLAIM LIGHTING

Flex LED WP RGB

Client:	
Project:	
Type:	
Order Code:	Flex RGB+ WP
Quantity:	

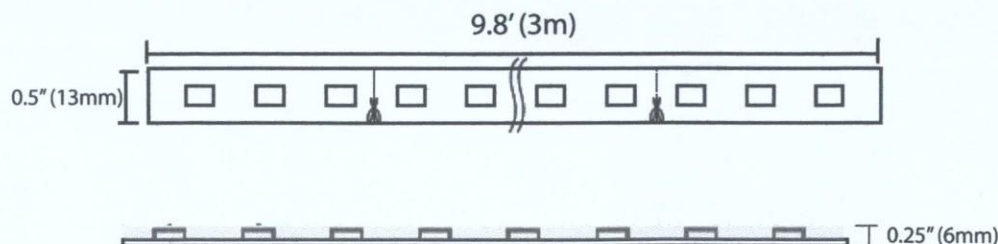


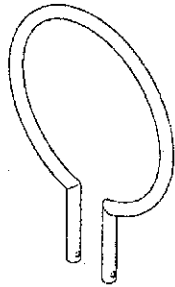
Flex Tape WP RGB is a thin and flexible LED circuit strip, mounted insided a silicone, waterproof sleeve. It can be cut every two inches to create the exact length needed. It's low profile allows for a wide variety of cove, millwork, signage, and many other applications.

SPECIFICATIONS

Color Temperature	RGB
Beam Angle	120°
System	12Vdc PWM (4-wire)
Max. in Chain	1 pc
Cabling System	4-wire DC cable
Control	AL Driver 8 RGBW 12V or AL Dimmer 3 Pro
DMX Channels	3
Power requirements	12VDC
Rating	IP65, Wet Location
Light Source	180 x SMD
Power Consumption	4.4 Per Foot
Weight	7.4 oz. (210 g)
Housing	Silicon Tube
Source Life	30.000 hours
Operating Temp.	-4 °F ~ 104 °F (-20 °C ~ +40 °C)
Including	Mounting Clips, End Caps, & Silicone
Dimensions	9.8' x 0.5" x 0.25" (3m x 13mm x 6mm)
Certifications	 

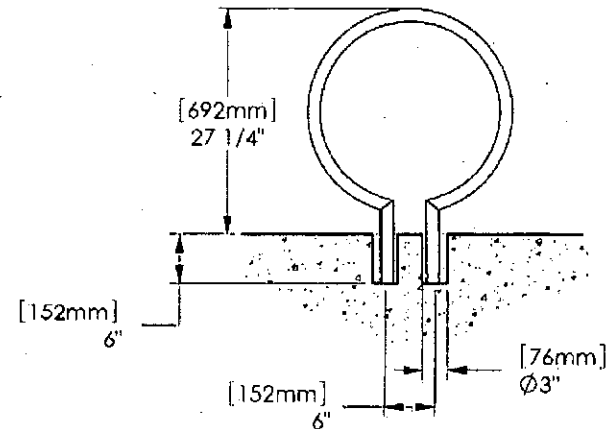
DIMENSIONS





Embedded

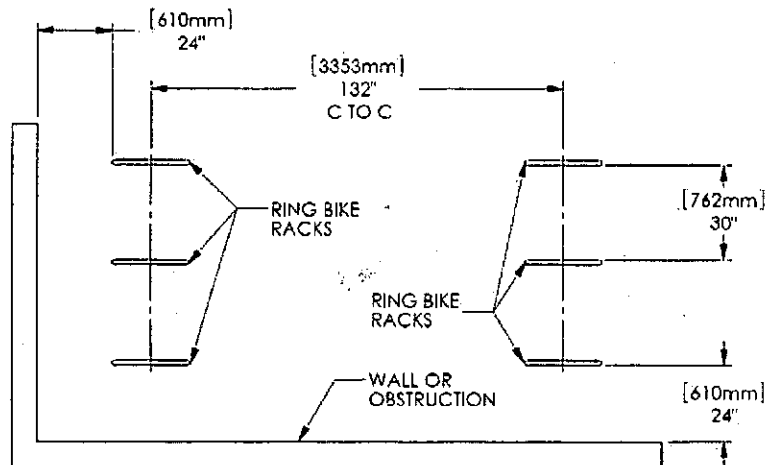
HANDLE WITH CARE! Ring's finish can be scuffed by contact with tools, concrete, or other abrasive surfaces. Protect the finish from damage during installation. Use touch-up paint to repair any powder coat finish abrasions.



Side Elevation, showing core drill sizes

Tools Required

- Unit ships assembled



Recommended spacing, according to Association of Pedestrian and Bicycle Professionals (APBP)

INSTALLATION:

1. Core drill 3" diameter (minimum) holes 6" deep.
2. Prepare the holes for outdoor anchoring cement, such as Kwixset™ or Super Por-rok®. Follow the manufacturer's instructions for blowing out dust, filling with water, scrubbing, and removing excess water.
3. Place the bike rack back into position and fill the holes with anchoring cement.

OK to use
[Signature]

ALLEY



FOR:
EVENING ENTERTAINMENT GROUP
7340/7320
NORMA PLAZA
REMODEL AND EXPANSION
SCOTTSDALE, ARIZONA

PHOTOMETRIC PLAN

SCALE: 1" = 10'-0"

LUMINAIRE SCHEDULE																	STANDARDS									
Symbol	Label	Qty	Catalog Number	Description	Lamp	File	Lumens	LF	Watts	Symbol	Label	Qty	Catalog Number	Description	Lamp	File	Lumens	LF	Watts	Description	Symbol	Aug	Max	Min	Max/Min	Aug/Min
⊙	L1	1	SELUX W8-1-1130	ALUMINUM SHADE WITH POLYURETHANE REFLECTIVE PAINT WITH SPECULAR FINISH ON POLE AND FIXTURE	1-150Watt PAR38	880-1-1130-83	13300	0.81	150	□	L5	14	LITHONIA W8 70mm	ARCHITECTURAL SOURCE WITH FORWARD THROWN DISTRIBUTION WITH CLEAR FLAT GLASS LENS. CLEAR LAMP MEETS THE NIGHTTIME FREELY. CRITERIA WALL MOUNTED @ 12"	ONE 70-WATT CLEAR ED-17 MHA. HANG. HORIZONTAL POSITION.	W8-70mm-FT	5200	0.81	95	SFC	+	1.5 fc	15.0 fc	0.0 fc	N / A	N / A
○	L2	9	WINONA IS 14 12V ISLAND SURFACE MOUNT DOWNLIGHT @ 12"	1-35 WATT MR16	14-35W-40-Par38-15-83		855	1.00	35	□	L6	40	MODA LIGHT RGB AQUA FLUX (SHOWN IN 4" SECTION ON PLUMB-1807 OVERALL)	RGB WET LOCATION WIRE LIGHT	LED	SUPER-ADAPTEX-3000K-ES	5	1.00	13.8							
○	L3	16	WINONA AS 14 12V ISLAND SURFACE MOUNT DOWNLIGHT @ 12"	1-35 WATT MR16	14-35W-40-Par38-15-83		855	1.00	35	□	L6	40	MODA LIGHT RGB AQUA FLUX (SHOWN IN 4" SECTION ON PLUMB-1807 OVERALL)	RGB WET LOCATION WIRE LIGHT	LED	SUPER-ADAPTEX-3000K-ES	5	1.00	13.8							
○	L4	8	HYDREX POK10 22LED RGB WIP	POK10 LAMP MODULE, 8" DIA. X 10" DEPTH WITH RGB LED WITH WIP OPTICAL "SHIPPED" CLEAR FLAT LENS. LAMP 3.56"	ONE 19.8-WATT LED. ARMED UP POS.	POK10_22LE 8-WATTLED_W FLUX	Abundance	0.80	19.8	○	L7	23	LITHONIA L3 381	LITHONIA L3 HIGH-RECEIVED DOWNLIGHT RECESSED @ 12"	ONE 30-WATT CLEAR MHA. HANG. VERTICAL BASE UP POS.	APR-PAR38-4 AR-30W-40K-3000K-ES	530	0.50	49							
—	L5	10	OR COLE L138-LED	8-7/16" x 4" x 4-1/16" WALL RECESSED LED STEP LIGHT THREE WARM WHITE LEDS IN A MONO WHITE DIFFUSER LENS. GREY COLOR LAMPERS WALL MOUNTED @ 12"	LED	LBR10103801 Abundance	0.80	6.165																		

STIPULATED
RETAIN FOR
APPROVAL

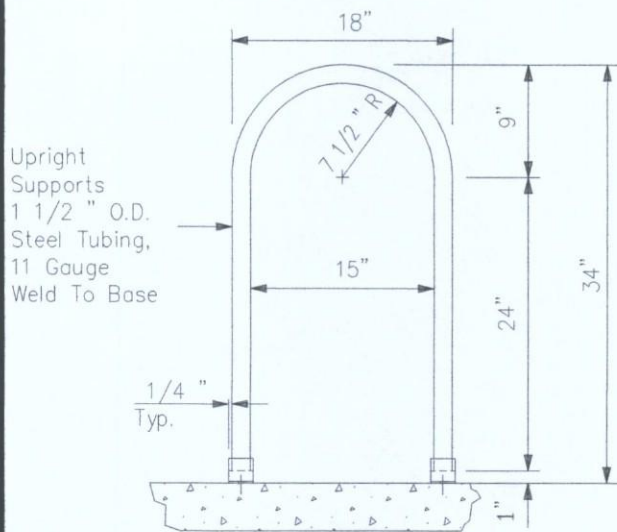
STIPULATION SET
RETAIN FOR RECORDS
APPROVED

6-20-13 DATE
KC INITIALS

55-DR-2012
5/8/13

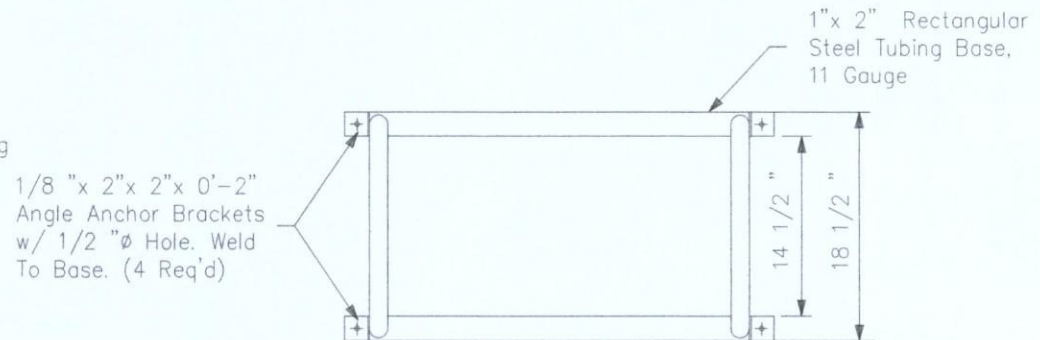
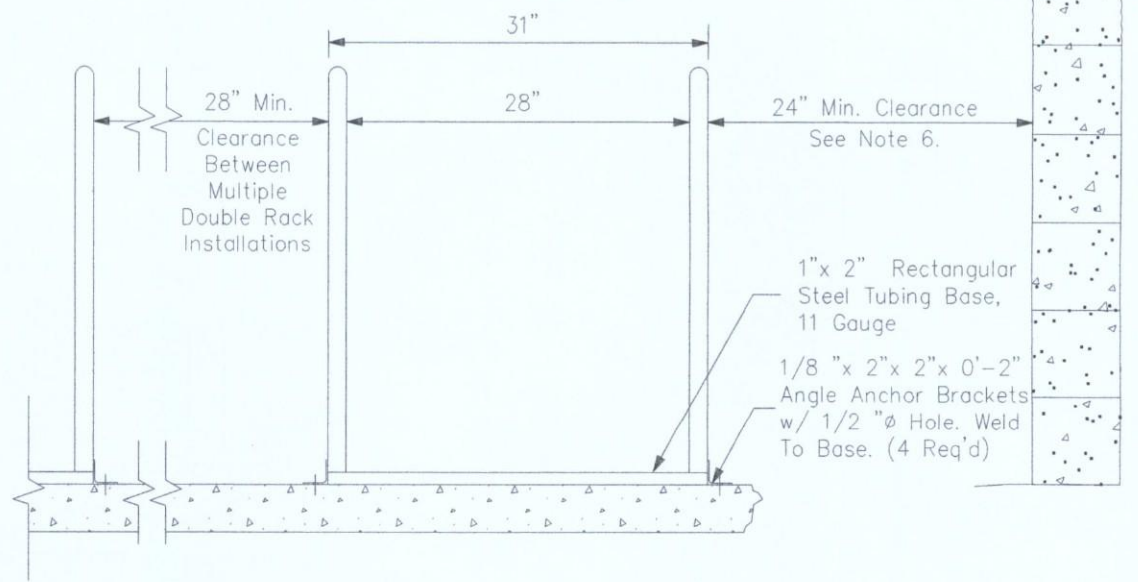
© COPYRIGHT 2012

AV3
design studio
AV3DESIGNSTUDIO.COM
602 . 326 . 3387



NOTES:

1. Double rack holds 4 bicycles.
2. Finish to be weather resistant, baked-on powder polymer coating.
3. Anchor rack to concrete w/ 3/8" ϕ x 2 1/2" wedge anchors and tamper resistant or welded nuts, (4 Req'd) or set tubing 12" below grade in 24" deep x 6" wide concrete footing.
4. Concrete base may be covered with turf or decomposed granite.
5. Placement of bicycle rack shall be convenient to main entrance and in a highly visible area.
6. 24" Min. clearance from walls or obstructions including curbs or edge of roadway on both sides and back of rack. Front of rack shall have a 6' min clear area.



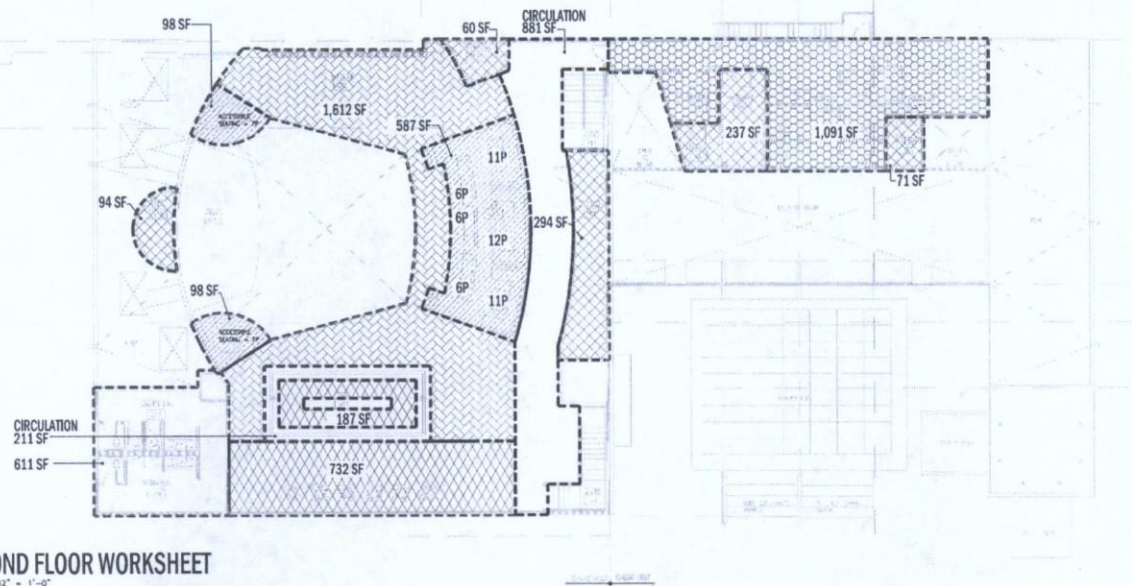
DETAIL NO.
2285

**City of Scottsdale
Standard Details**

APPROVED BY:
**Scottsdale Standards &
Specifications Committee**

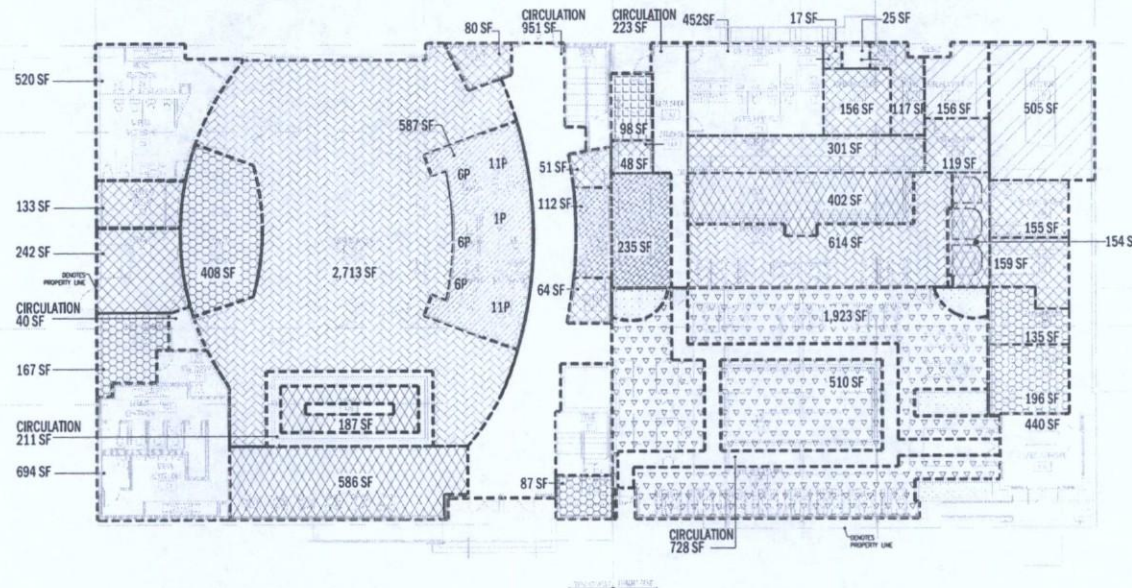
DOUBLE BICYCLE RACK

DETAIL NO.
2285



SECOND FLOOR WORKSHEET

SCALE: 3/32" = 1'-0"



FIRST FLOOR WORKSHEET

SCALE: 3/32" = 1'-0"

WORKSHEET DATA

ZONING: C-2/P-2/P-3/30
APN: 173-41-154 TO 155; 173-41-170 TO 173 AND 173-41-2118

SITE AREA:
GROSS: 825,409 SF = 0.583 ACRES
NET: 621,842 SF = 0.501 ACRES

BUILDING AREAS:
TENANT EAST FIRST LEVEL 4,700 SF
TENANT EAST SECOND LEVEL 1,399 SF
TENANT EAST GROSS FLOOR AREA 6,099 SF
TENANT WEST FIRST LEVEL 2,916 SF
TENANT WEST SECOND LEVEL 3,362 SF
TENANT WEST GROSS FLOOR AREA 6,278 SF
TENANT EAST GROSS FLOOR AREA 6,099 SF
TENANT WEST GROSS FLOOR AREA 6,278 SF
GROSS FLOOR AREA 12,377 SF

LOT COVERAGE:
19,387 SF / 21,842 SF 0.88 %

EXTERIOR PATIO AREA:
TENANT EAST EXTERIOR PATIO 2,990 SF
PRELIMINARY OCCUPANCY CALCULATIONS: 1,482 OCCUPANTS

TENANT EAST	SPACE	S.F.	FACTOR	OCCUPANTS
RETAIL	98 SF	60	2	
OFFICE	1,422 SF	100	14	
STORAGE	1,380 SF	300	5	
BAR (STANDING)	812 SF	15	61	
BAR (STANDING)	814 SF	3	123	
DINING/LOUNGE	1,745 SF	15	116	
KITCHEN	661 SF	200	3	
LOBBY	440 SF	300	1	
RESTROOMS	477 SF	0	0	
GAMES	235 SF	11	21	
FIXED SEATING	154 SF	0	30	
CIRCULATION	951 SF	0	0	
GROSS FLOOR AREA	9,089 SF	0	376	OCCUPANTS

TENANT WEST	SPACE	S.F.	FACTOR	OCCUPANTS
RETAIL	112 SF	60	2	
OFFICE	254 SF	100	3	
STORAGE	1,018 SF	300	3	
BAR (STANDING)	374 SF	15	25	
BAR (STANDING)	4,325 SF	3	885	
DINING/LOUNGE	1,318 SF	15	88	
RESTROOMS	1,825 SF	0	0	
FIXED SEATING	1,370 SF	0	93	
CIRCULATION	2,294 SF	0	0	
STAGE	408 SF	15	27	
GROSS FLOOR AREA	13,298 SF	0	1,106	OCCUPANTS

LEGEND

- DENOTES KITCHEN AREA
- DENOTES STORAGE AREA
- DENOTES OFFICE/EMPLOYEE AREA
- DENOTES LOUNGE AREA
- DENOTES BAR/DANCE FLOOR
- DENOTES RETAIL AREA
- DENOTES OUTDOOR PATIO AREA
- DENOTES FIXED SEATING
- DENOTES GAMES

VICINITY MAP



Development Review Floor Plan Worksheet

PROJECT # 12008
2012.11.26
2ND REVIEW 2013.04.05
3RD REVIEW 2013.05.06

© COPYRIGHT 2013

AV3
design studio
AV3DESIGNSTUDIO.COM
802 326 3387

this is the
revised
exhibit

55-DR-2012
5/8/13