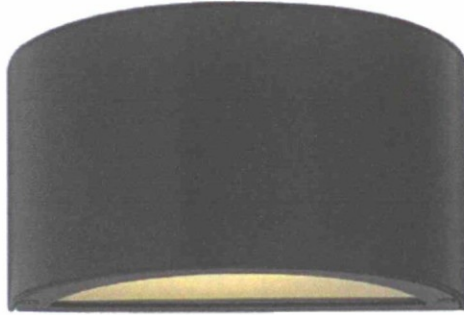


Exterior Building Color & Material Samples
Color Drawdowns
Archaeological Resources
Airport Vicinity Development Checklist
Parking Study
Trip Generation Comparison
Parking Master Plan



LUNA 1662BZ	
BRONZE	

WIDTH:	9.0"
HEIGHT:	5.0"
MATERIAL:	EXTRUDED ALUMINUM
GLASS:	ETCHED LENS
BACKPLATE WIDTH:	9.0"
BACKPLATE HEIGHT:	5.0"
SOCKET:	2-7.50W LED *INCLUDED

LED INFO:	
LUMENS:	600
COLOR TEMP:	2700k
CRI:	90
LED WATTAGE:	8w
INCANDESCENT EQUIVALENCY:	50w
DIMMABLE:	Yes, on any Incandescent, MLV, ELV, or C-L dimmer.
EXTENSION:	4.0"
TTO:	2.5"
VOLTAGE:	120V
UPC:	640665166200

AT HINKLEY, WE EMBRACE THE DESIGN PHILOSOPHY THAT YOU CAN MERGE TOGETHER THE LIGHTING, FURNITURE, ART, COLORS AND ACCESSORIES YOU LOVE INTO A BEAUTIFUL ENVIRONMENT THAT DEFINES YOUR OWN PERSONAL STYLE. WE HOPE YOU WILL BE INSPIRED BY OUR COMMITMENT TO KEEP YOUR 'LIFE AGLOW.'

*life*AGLOW®

LED SLIM AREA LIGHT SAL SERIES



SAL-100 (Side Arm)



SAL-150 / SAL-200 (Side Arm)



SAL-300 (Side Arm)



PRODUCT DESCRIPTION:

DIVA LITE SAL Series LED slim area lights are low profile replacements for up to 1000 watts existing metal halide and HPS area lighting. It features a high efficiency LED driver with high lumens and long life LED chips. The excellent optical design greatly improves light utilization and evenness.

SAL series has a cast aluminum design with better cooling for a low maintenance lighting solution. Choose from side arm and slipfitter mounts.

APPLICATIONS:

- Urban roads
- Industrial areas
- Residential areas
- Sidewalks
- Parking lots

FEATURES:

- Slim and low profile design
- Photocell optional
- Wet location and IP65 rated
- >50,000 hours rate life
- 5000K color temperature
- Certifications: UL, DLC

33-DR-2017
08/11/17

ORDERING INFORMATION:

Example: SAL-100UT357KA

SAL-Series	Wattage	Voltage	T3 Distribution	50K CCT	Mounting	Options
SAL	100 100 watts	U 120-277V	T3 Type III	57K 5700K	A Side Arm	P Photocell
	150 146 watts	H 200-480V			S Slipfitter	
	200 195 watts					
	300 295 watts					

SPECIFICATIONS:

SKU	SAL-100UT357KA	SAL-150UT357KA	SAL-200UT357KA	SAL-300UT357KA
DLC Part No.	WSD-SB10W27-57K-Z-T3-U-Y	WSD-SB15W27-57K-Z-T3-U-Y	WSD-SB20W27-57K-Z-T3-U-Y	WSD-SB30W27-57K-Z-T3-U-Y
Power Consumption	100 Watts	150 Watts	200 Watts	300 Watts
Lumens	11100 Lumens	17300 Lumens	22100 Lumens	33600 Lumens
Efficacy	111 lm/W	115 lm/W	111 lm/W	112 lm/W
Equivalency	320 Watts MH	400 Watts MH	750 Watts MH	1000 Watts MH
Color Temperature	5700K			
CRI	80			
Power Factor	0.95			
Input Voltage	120-277 VAC / 200-480 VAC			
Distribution	Type III			
Operating Temp	-30°C to +45°C			
Mounting	Default: Side Arm Optional: Slipfitter			
Finish	Dark Bronze			
Weight	9.92 lbs	13.23 lbs	16.60 lbs	25.40 lbs
Size (LxWxH)	16.6" x 11.2" x 3.4"			18" x 15.86" x 3.4"
Environment	Outdoor, Wet Location (IP65)			
Material	RoHS Compliant, no mercury			
Certificates	cUL, UL, DLC, FCC			
L70 Life	50,000 hours			
Warranty	5 Years			



SAL-100 (Slipfitter)

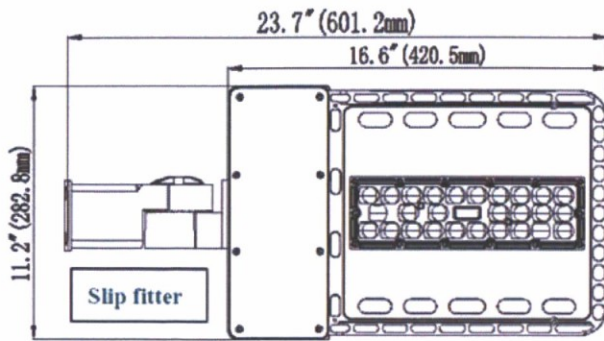


SAL-150 / SAL-200 (Slipfitter)

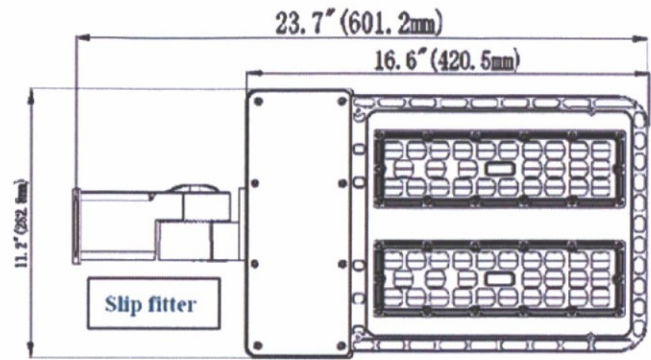


SAL-300 (Slipfitter)

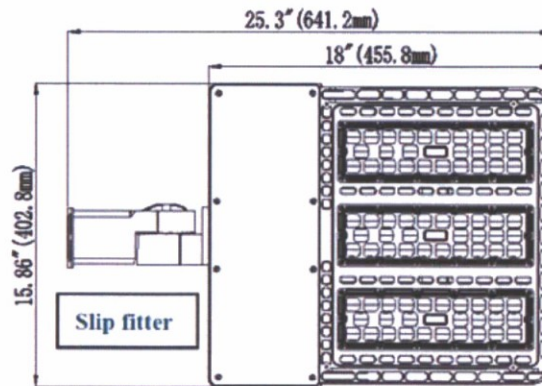
DIMENSIONS:



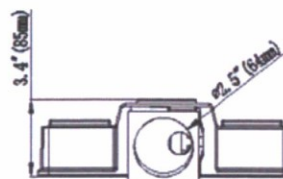
SAL-100



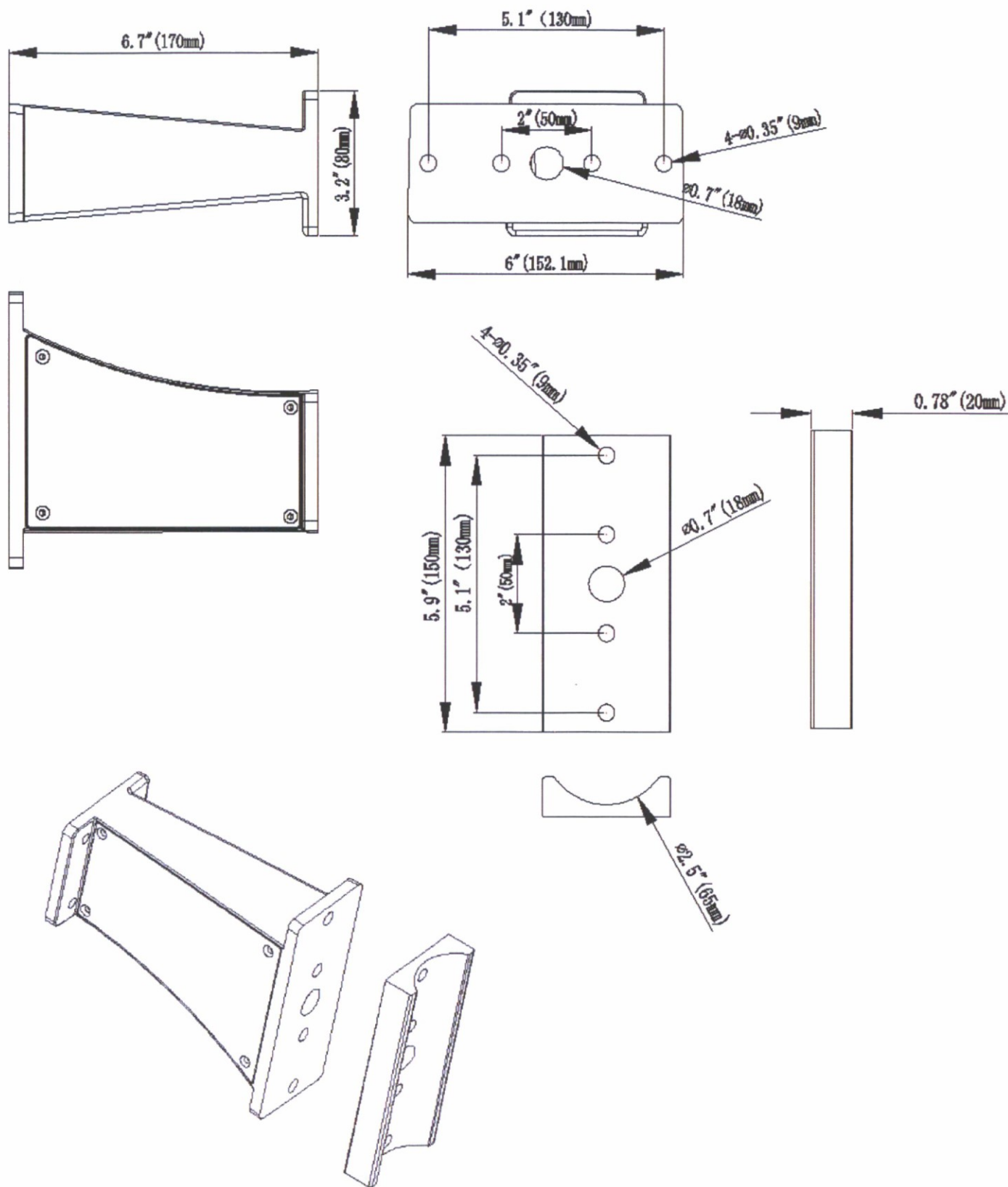
SAL-150 / SAL-200



SAL-300



ARM MOUNT:



RAZAR SERIES-LED

SPECIFICATIONS

OPTICAL HOUSING

Heavy cast low copper aluminum (A356 alloy; <0.2% copper) assembly with integral cooling fins. The Optical Panel mounting surface is milled flat (surface variance $\pm .002"$) to facilitate thermal transfer of heat to housing and cooling fins. Solid barrier wall separates optical and electrical compartments. The optical and electrical compartments are integrated to create one assembly. Minimum wall thickness is .188".

ELECTRICAL HOUSING w/ INTEGRATED ARM

Heavy cast low copper aluminum (A356 alloy; <0.2% copper) assembly with integral cooling ribs surrounding the electrical compartment and a flat surface on the top of the arm to accommodate a photocell receptacle. Solid barrier wall separates optical and electrical compartments. The optical compartment and electrical compartment with the integrated support arm combine to create one assembly. Minimum wall thickness is .188". Cast and hinged driver assembly cover is integrated with wiring compartment cover.

PLED[®] OPTICS

Emitters (LED's) are arrayed on a metal core PCB panel with each emitter located on a copper thermal transfer pad and enclosed by an LED refractor. In asymmetric distributions, a micro-reflector inside the refractor re-directs the house side emitter output towards the street side and functions as a house side shielding element. Refractors are injection molded H12 acrylic. Each LED refractor is sealed to the PCB over an emitter and all refractors are retained by an aluminum frame. Any one Panel, or group of Panels in a luminaire, have the same optical pattern. LED refractors produce standard site/area distributions. Panels are field replaceable and field rotatable in 90° increments.

LED DRIVER(S)

Constant current electronic with a power factor of >.90 and a minimum operating temperature of -40°F. Driver(s) is/are UL and cUL recognized and mounted directly against the Electrical Housing to facilitate thermal transfer, held down by universal clamps to facilitate easy removal. In-line terminal blocks facilitate wiring between the driver and optical arrays. Drivers accept an input of 120-277V, 50/60Hz or 347V-480V, 50,60Hz. (0 - 10V dimmable driver is standard. Driver has a minimum of 3KV internal surge protection. Luminaire supplied with 20KV surge protector for field accessible installation.)

LED EMITTERS

High output LED's are utilized with drive currents ranging from 350mA to 1050mA. 70CRI Minimum. LED's are available in standard Neutral White (4000K), or optional Cool White (5000K) or Warm White (3000K). Consult Factory for other LED options.

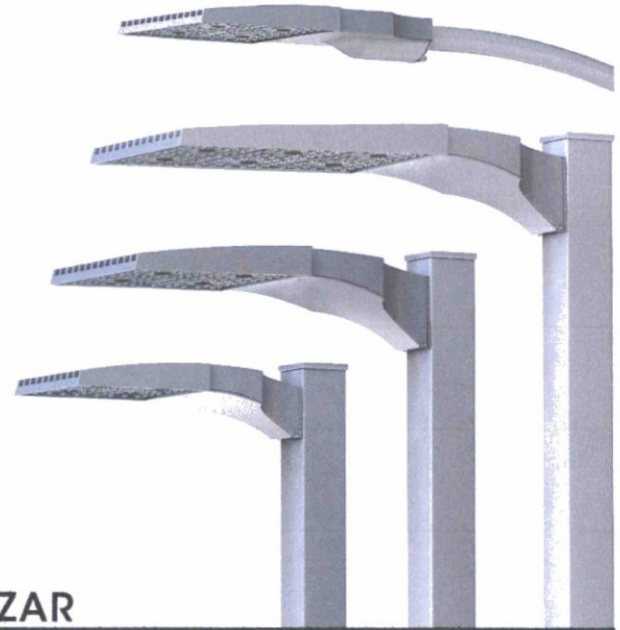
FINISH

Electrostatically applied TGIC Polyester Powder Coat on substrate prepared with 20 PSI power wash at 140°F. Four step media blast and iron phosphate pretreatment for protection and paint adhesion. 400°F bake for maximum hardness and durability.

MAST ARM FITTER/ELECTRICAL HOUSING

Replaces standard Electrical Housing. Fits standard 2 3/8" O.D. horizontal tenon. Two (2) straps with two (2) bolts each encircle the lower half of the tenon. Upper half of the tenon rests on self-centering steps that position the angle of the luminaire at 0°, +1.5°, +1.5° or +3° up from the horizontal. All hardware is stainless steel.

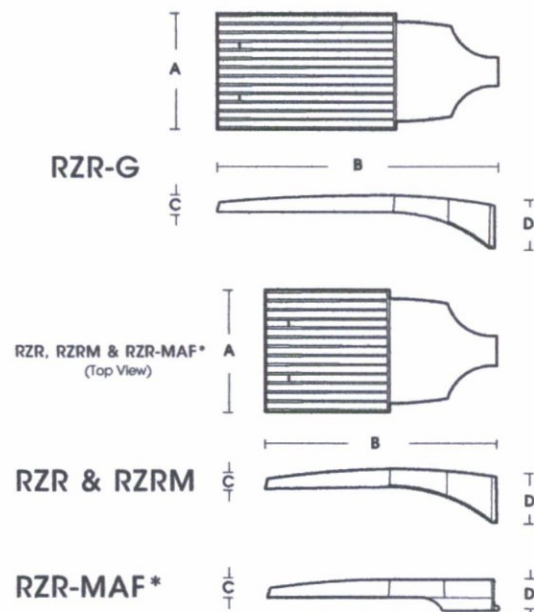
PROJECT TYPE:



RAZAR

(MODELS: RZRM, RZR, RZR-G & RZR-MAF*)

PATENT PENDING



FIXTURE	A	B	C	D
RZR-G	15" 381mm	36.5" 927mm	3" 76mm	7" 187mm
RZR	14.75" 375mm	28.25" 718mm	2.75" 70mm	6.5" 165mm
RZRM	11.5" 292mm	22" 559mm	2.5" 64mm	5.25" 133mm
RZR-MAF	15" 381mm	28.25" 724mm	2.5" 64mm	4" 102mm

*DLC PENDING AS OF 7/17



33-DR-2017
1/03/18

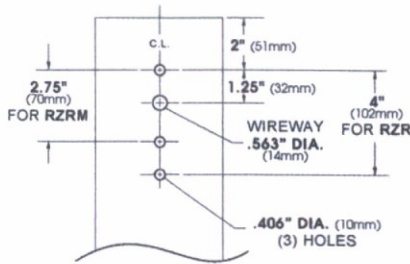
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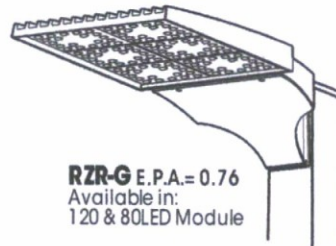
RAZAR SERIES-LED

SPECIFICATIONS

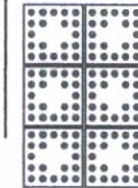
POLE DRILLING TEMPLATE



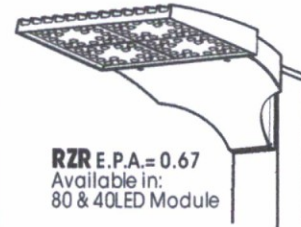
PLED® MODULES



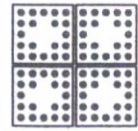
RZR-G E.P.A.= 0.76
Available in:
120 & 80LED Module



120 LED Module



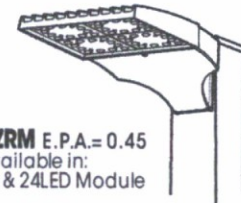
RZR E.P.A.= 0.67
Available in:
80 & 40LED Module



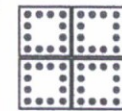
80 LED Module

Approximate Average Lumens - 4000K (Lumens median of all distributions)

	350mA			525mA			700mA			1050mA		
	Watts	Lumens	HID Eq.	Watts	Lumens	HID Eq.	Watts	Lumens	HID Eq.	Watts	Lumens	HID Eq.
24	28	3541	50	41	5058	70-100	53	6567	100	81	8773	150-175
40	45	5997	70-100	66	8653	100-150	87	10995	175	134	14647	200-250
48	55	7046	100	81	10018	150-175	105	12600	200	160	17566	250
80	87	11622	175-200	131	16736	200-250	174	21235	400	266	28190	450-575
120	127	17405	250	195	24860	450	260	31592	575-750	396	43323	750-1000













RZRM E.P.A.= 0.45
Available in:
48 & 24LED Module



48 LED Module

Spec/Order Example: RZR/PLED-IV/80LED-700mA/CW/277/RAL-8019-S/10SP

SPEC / ORDERING INFORMATION

MODEL	OPTICS	LED MODE			VOLTAGE	FINISH	OPTIONS
MODEL	OPTICS	LED MODE			VOLTAGE	FINISH	OPTIONS
<input type="checkbox"/> RZR-G	<input type="checkbox"/> TYPE II PLED-II  <input type="checkbox"/> TYPE II FRONT ROW PLED-II-FR 	RZR-G <input type="checkbox"/> 120LED <input type="checkbox"/> 80LED	DRIVE CURRENT <input type="checkbox"/> 350mA <input type="checkbox"/> 525mA <input type="checkbox"/> 700mA <input type="checkbox"/> 1050mA	COLOR TEMP - CCT <input type="checkbox"/> NW (4000K)* *STANDARD <input type="checkbox"/> CW (5000K) <input type="checkbox"/> WW (3000K) CONSULT FACTORY FOR OTHER LED COLORS	<input type="checkbox"/> 120 <input type="checkbox"/> 208 <input type="checkbox"/> 240 <input type="checkbox"/> 277 <input type="checkbox"/> 347 <input type="checkbox"/> 480	STANDARD TEXTURED FINISH <input type="checkbox"/> BLACK RAL-9005-T <input type="checkbox"/> WHITE RAL-9003-T <input type="checkbox"/> GREY RAL-7004-T <input type="checkbox"/> DARK BRONZE RAL-8019-T <input type="checkbox"/> GREEN RAL-6005-T FOR SMOOTH FINISH REPLACE SUFFIX "T" WITH SUFFIX "S" (EXAMPLE: RAL-9005-S) CONSULT FACTORY FOR CUSTOM COLORS	<input type="checkbox"/> HIGH-LOW DIMMING FOR HARDWIRED SWITCHING OR NONINTEGRATED MOTION SENSOR HLSW <input type="checkbox"/> INTERNAL HOUSE SIDE SHIELD ... HS-PLED <input type="checkbox"/> PHOTO CELL + VOLTAGE (EXAMPLE: PC120V) .. PC+V <input type="checkbox"/> TWIST LOCK PHOTO CELL + VOLTAGE (EXAMPLE: PC120V) .. TPC+V <input type="checkbox"/> TWIST LOCK RECEPTACLE ONLY ... TPR <input type="checkbox"/> 7-PIN TWIST LOCK RECEPTACLE ONLY ... TPR7 <input type="checkbox"/> SINGLE FUSE (120V, 277V, 347V) .. SF <input type="checkbox"/> DOUBLE FUSE (208V, 240V, 480V) .. DF <input type="checkbox"/> STEP DIM MOTION SENSOR (PROGRAMMED 50/100) MS-F211 <input type="checkbox"/> REMOTE MOTION SENSOR CONFIGURATOR MS-FC10
<input type="checkbox"/> RZR	<input type="checkbox"/> TYPE II MEDIAN ILLUMINATOR PLED-II-ML 	RZR <input type="checkbox"/> 80LED					
<input type="checkbox"/> RZR-MAF*	<input type="checkbox"/> TYPE III MED. PLED-III-M 	<input type="checkbox"/> 40LED					
<input type="checkbox"/> RZRM	<input type="checkbox"/> TYPE III WIDE PLED-III-W  <input type="checkbox"/> TYPE IV PLED-IV  <input type="checkbox"/> TYPE IV PLED-IV-FT  <input type="checkbox"/> TYPE V NARROW PLED-V-SQ-N  <input type="checkbox"/> TYPE V MED. PLED-V-SQ-M  <input type="checkbox"/> TYPE V WIDE PLED-V-SQ-W 	RZRM <input type="checkbox"/> 48LED <input type="checkbox"/> 24LED					

*DLC PENDING AS OF 7/17



LED COUNT	SOURCE TYPE	SOURCE	INITIAL LUMENS - 4000K CCT	INITIAL LUMENS - 3000K CCT	INITIAL LUMENS - 5000K CCT	L70 GREATER THAN (HR)	STARTING TEMP.	SYSTEM WATTS	VOLTS	MAX INPUT AMPS
24	LED	24 PLED* Optical Module - 350mA	3,298 - 3,784	3,133 - 3,595	3,463 - 3,973	60,000+	-20°F	29	120 277	0.24 0.10
24	LED	24 PLED* Optical Module - 525mA	4,711 - 5,405	4,475 - 5,135	4,947 - 5,675	60,000+	-20°F	42	120 277	0.34 0.15
24	LED	24 PLED* Optical Module - 700mA	6,023 - 6,911	5,722 - 6,565	6,324 - 7,256	60,000+	-20°F	56	120 277	0.45 0.20
24	LED	24 PLED* Optical Module - 1050mA	8,171 - 9,375	7,762 - 8,906	8,580 - 9,844	60,000+	-20°F	82	120 277	0.68 0.30
40	LED	40 PLED* Optical Module - 350mA	5,585 - 6,408	5,306 - 6,088	5,864 - 6,729	60,000+	-20°F	43	120 277	0.38 0.17
40	LED	40 PLED* Optical Module - 525mA	8,059 - 9,246	7,656 - 8,784	8,462 - 9,709	60,000+	-20°F	65	120 277	0.55 0.24
40	LED	40 PLED* Optical Module - 700mA	10,240 - 11,749	9,728 - 11,162	10,752 - 12,337	60,000+	-20°F	87	120 277	0.73 0.32
40	LED	40 PLED* Optical Module - 1050mA	13,642 - 15,652	12,960 - 14,870	14,324 - 16,435	60,000+	-20°F	128	120 277	1.12 0.49
48	LED	48 PLED* Optical Module - 350mA	6,562 - 7,529	6,234 - 7,153	6,890 - 7,909	60,000+	-20°F	53	120 277	0.46 0.20
48	LED	48 PLED* Optical Module - 525mA	9,330 - 10,705	8,864 - 10,170	9,797 - 11,240	60,000+	-20°F	79	120 277	0.68 0.29
48	LED	48 PLED* Optical Module - 700mA	11,735 - 13,464	11,148 - 12,791	12,322 - 14,137	60,000+	-20°F	106	120 277	0.88 0.38
48	LED	48 PLED* Optical Module - 1050mA	16,360 - 18,771	15,542 - 17,832	17,178 - 19,709	60,000+	-20°F	160	120 277	1.33 0.58

RZR

80	LED	80 PLED* Optical Module - 350mA	10,824 - 12,419	10,283 - 11,798	11,365 - 13,040	60,000+	-20°F	86	120 277	0.75 0.33
80	LED	80 PLED* Optical Module - 525mA	15,587 - 17,884	14,808 - 16,990	16,366 - 18,778	60,000+	-20°F	130	120 277	1.10 0.48
80	LED	80 PLED* Optical Module - 700mA	19,767 - 22,680	18,779 - 21,546	20,755 - 23,814	60,000+	-20°F	174	120 277	1.45 0.63
80	LED	80 PLED* Optical Module - 1050mA	26,255 - 30,124	24,942 - 28,618	27,568 - 31,630	60,000+	-20°F	257	120 277	2.22 0.96

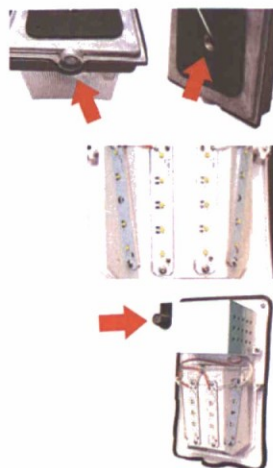
RZR-G

80	LED	80 PLED* Optical Module - 350mA	10,950 - 12,564	10,403 - 11,936	11,498 - 13,192	60,000+	-20°F	87	120 277	0.75 0.33
80	LED	80 PLED* Optical Module - 525mA	15,735 - 18,054	14,948 - 17,151	16,522 - 18,957	60,000+	-20°F	129	120 277	1.10 0.48
80	LED	80 PLED* Optical Module - 700mA	20,074 - 23,032	19,071 - 21,881	21,078 - 24,184	60,000+	-20°F	174	120 277	1.45 0.63
80	LED	80 PLED* Optical Module - 1050mA	27,651 - 31,725	26,268 - 30,139	29,033 - 33,311	60,000+	-20°F	266	120 277	2.22 0.96
120	LED	120 PLED* Optical Module - 350mA	16,211 - 18,599	15,400 - 17,669	17,021 - 19,529	60,000+	-20°F	130	120 277	1.06 0.46
120	LED	120 PLED* Optical Module - 525mA	23,154 - 26,566	21,996 - 25,238	24,312 - 27,894	60,000+	-20°F	192	120 277	1.63 0.70
120	LED	120 PLED* Optical Module - 700mA	29,424 - 33,760	27,953 - 32,072	30,895 - 35,448	60,000+	-20°F	260	120 277	2.17 0.94
120	LED	120 PLED* Optical Module - 1050mA	40,350 - 46,296	38,333 - 43,981	42,368 - 48,611	60,000+	-20°F	398	120 277	3.33 1.43

- NOTES:**
1. Max Input Amps is the highest of starting, operating, or open circuit currents.
 2. Lumen values for LED Modules vary according to the distribution type. 80LED array appears in both the RZR and RZR-G models.
 3. System Watts includes the source watts and all driver components.
 4. Fuse value should be sufficient to protect all wiring components. For electronic driver and LED component protection, use surge suppressor supplied with luminaire.
Note: Surge suppressors are considered a perishable device.
 5. L70(10K) - TM-21 6x rule applied.

WARNING: All fixtures must be installed in accordance with local codes or the National Electrical Code. Failure to do so may result in serious personal injury.



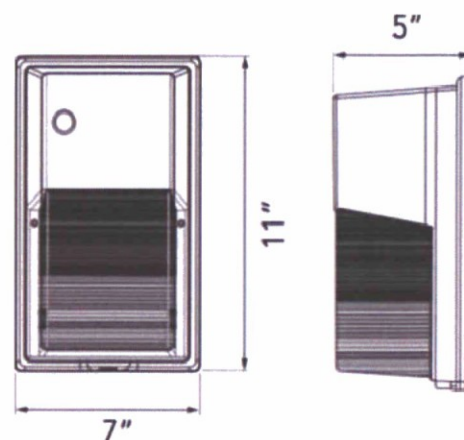


1/2" hub located on the back and bottom of housing for mounting

Non-cutoff optics with wide forward throw distribution ideal for extending spacing to

LWS comes pre-wired with 120 volt photo

DIMENSIONS:



LSW-30CW-PC
LSW-30WW-PC

Non-Cutoff LED Wall Pack

Ideal for general site lighting, alleys, doorways, loading docks and parking areas. Provides security lighting from dusk to dawn without the need to be switched on manually.

MODEL	WATTS	VOLTAGE	LUMENS	COLOR TEMP
LSW-30CW-PC	30W	120/277V AC	2500	5000K
LSW-30WW-PC	30W	120/277V AC	2400	3500K

ELECTRICAL SPECIFICATIONS:

- Voltage: 120/277V AC
- Wattage: 22W
- Other wattages available: 30W
- Photocell must be changed to plug to higher voltages than 120v
- Power Factor: >0.9

LIGHTING SPECIFICATIONS:

- LED type: CREE XBD
- LED chips quantity: 2pcs
- Total lumens: CW 1850/ WW 1800
- Color temperature: 3000K/ 4000K/ 5000K
- Color rendering index: >75
- Beam angle: 120°

WARRANTY: 7 years

OPTIONS: Includes photo control 120V

CERTIFICATIONS: UL/cUL

HOUSING SPECIFICATIONS:

- Back housing: Die-cast aluminum with mounting gasket installed with finish color bronze
- Front: Polycarbonate lens and housing
- Suitable for wet locations, IP54 sealed with weatherproof silicone gasket
- Vandal resistant housing ideal for exposed areas

MOUNTING:

- Wall mount gasket included

SPECIAL FEATURES:

- Wide forward throw distribution
- Well placed threaded hubs for mounting versatility



2529 N. Hayden Townhomes

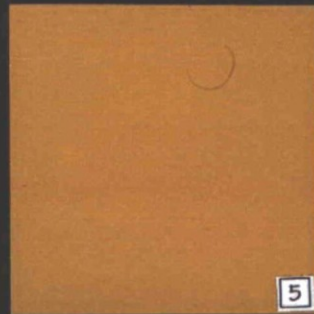
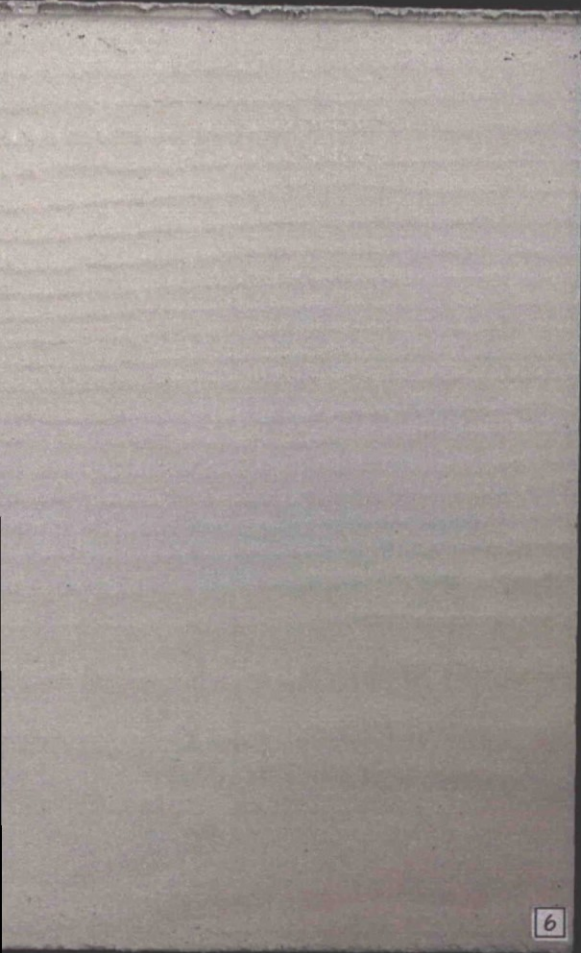


	Manufacture	Color	
Paint Color	Sherwin Williams	Incredible White	SW7028
Paint Color	Sherwin Williams	Anew Gray	SW7030
Paint Color	Sherwin Williams	Rookwood Medium Brown	SW2807
Paint Color	Sherwin Williams	Diverse Beige	SW6079
Paint Color	Sherwin Williams	Rookwood Amber	SW2817
Vertical Siding	Jamies Hardie	Cobble Stone	
Paint Color	Sherwin Williams	Silken Peacock	SW9059
Paint Color	Sherwin Williams	Rave Read	SW6608
Paint Color	Sherwin Williams	Black Bean	SW6006



33-DR-2017
10/31/17

2529 N. Hayden Townhomes



Del Pueblo
COMMUNIT

33-DR-2017
10/31/17

2529 N. Hayden Townhomes

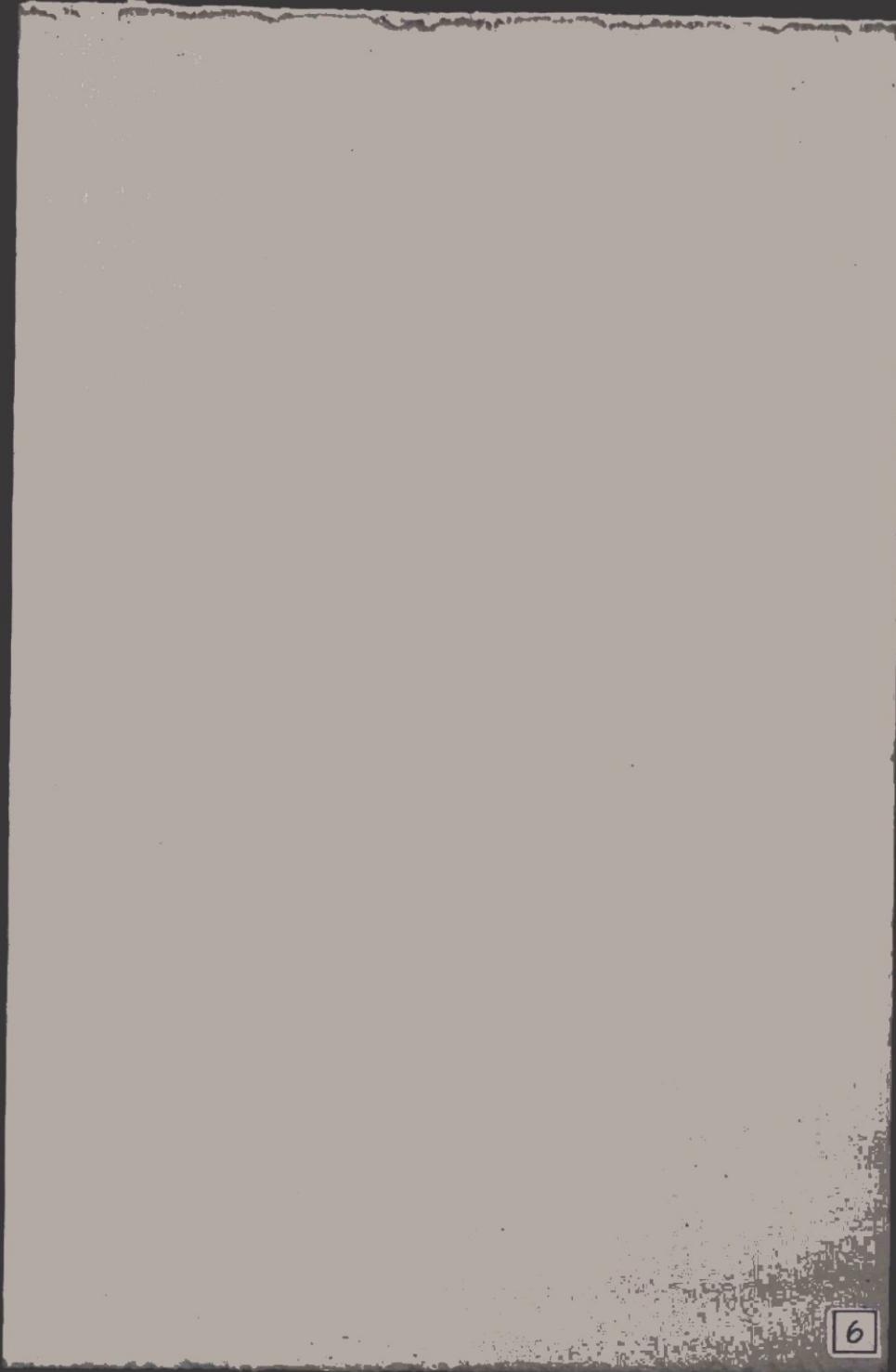
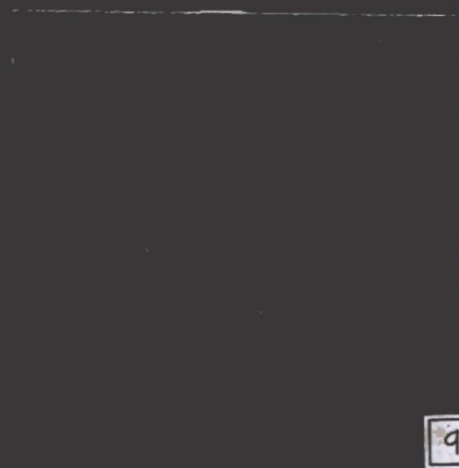
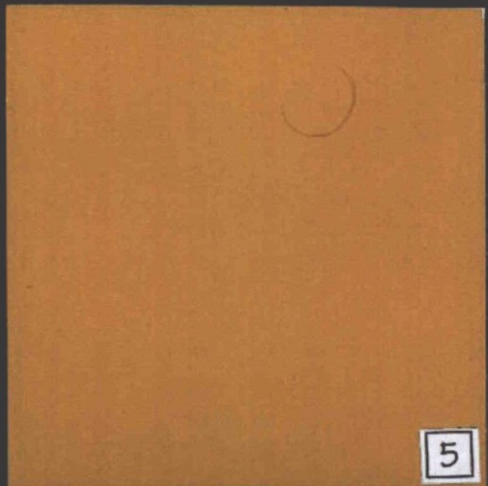
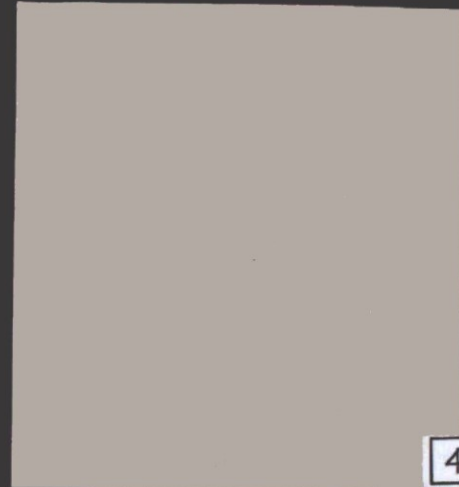
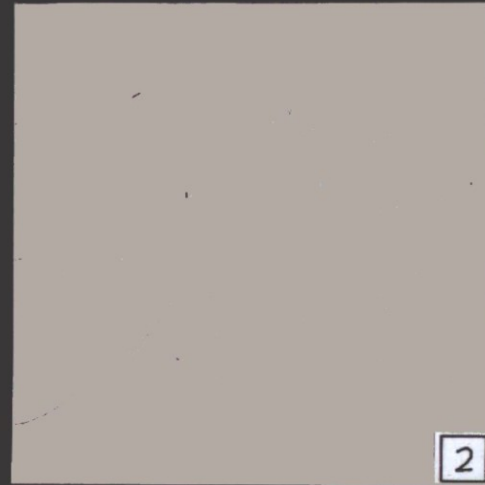
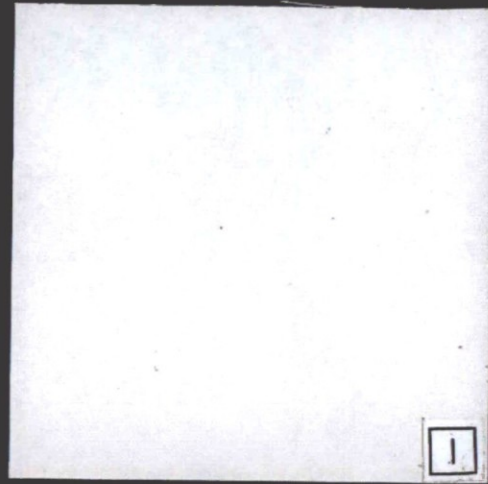


	Manufacture	Color	
1 Paint Color	Sherwin Williams	Incredible White	SW7028
2 Paint Color	Sherwin Williams	Anew Gray	SW7030
3 Paint Color	Sherwin Williams	Rookwood Medium Brown	SW2807
4 Paint Color	Sherwin Williams	Diverse Beige	SW6079
5 Paint Color	Sherwin Williams	Rookwood Amber	SW2817
6 Vertical Siding	Jamies Hardie	Cobble Stone	
7 Paint Color	Sherwin Williams	Silken Peacock	SW9059
8 Paint Color	Sherwin Williams	Rave Read	SW6608
9 Paint Color	Sherwin Williams	Black Bean	SW6006

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