



BULLET

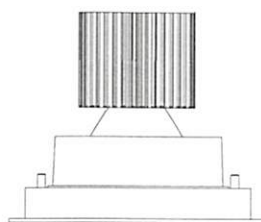
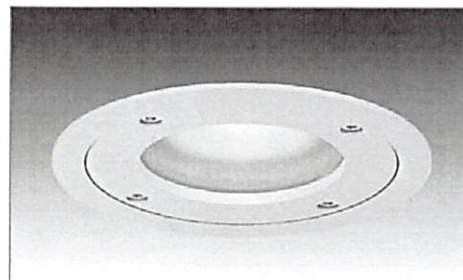
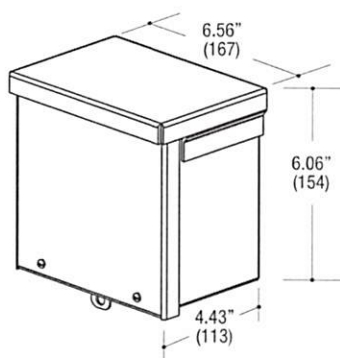
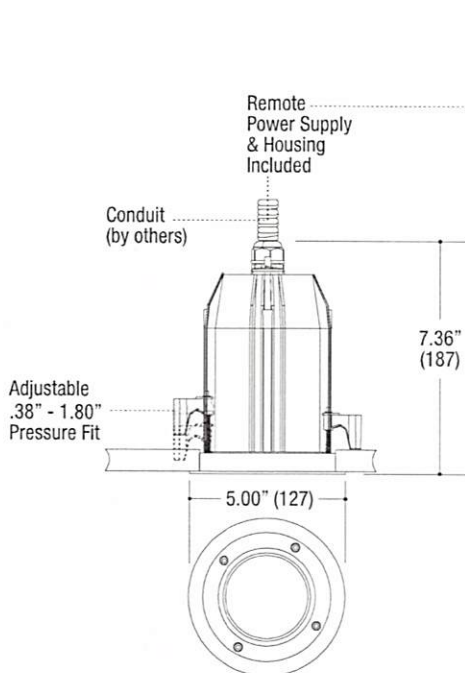
OUTDOOR RECESSED FIXED DOWNLIGHT

WET LOCATION - IP66 LED

PROJECT

TYPE

CATALOG NUMBER



DOWNLIGHT

- Recessed fixed downlight
- Die-cast aluminum trim
- Powder coat finish

HOUSING

- Extruded aluminum central housing
- Powder coat finish
- Dust and water jet tight sealed
- Ceiling Cut-Out - Ø4.65"

LED SOURCE

- Field-changeable optic
- 20W / 1670lm, 80CRI / 3000K

ELECTRICAL

- Remotely installed LED driver included
- Separated primary wiring compartment with power supply
- Double cable entry for through wiring
- Superpure aluminum reflector
- Dimmable

MOUNTING

- Swing out pressure fit mounting clips
- Adjustable up to 1.80" max. ceiling thickness

LABELS

- Suitable for wet location
- IP66 rated



5 YEAR
WARRANTY
Limited



ORDERING INFO

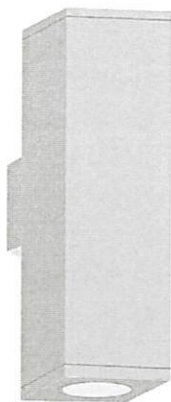
SERIES	WATTAGE	CRI / COLOR	BEAM	DRIVER	VOLTAGE	FINISH	OPTIONS
5811-1SA-T	20L 20W LED 1670 lm nom.	8027 80CRI / 2700K 8030 80CRI / 3000K 8035 80CRI / 3500K 8040 80CRI / 4000K 9027 90CRI / 2700K 9030 90CRI / 3000K 9727 97CRI / 2700K 9730 97CRI / 3000K	N Narrow 25° M Medium 45° W Wide 55°	DM Dimming Multiple Forward/Reverse (@ 120V only) 0-10V Wires Present (@ 120-277V only) D3 Lutron Hi-Lume...* Forward Phase 2 wire 1% (120V only) DE Lutron Hi-Lume... EcoSystem...* 1% w/Soft-On, Fade-to-Black... 1% (120-277V only)	1 120V U 120-277V	SS Silver	EM Remotely Mounted Emergency LED Inverter (Field wiring required)
BULLET Recessed Die-Cast Aluminum Trim Fixed Downlight Trimmed Fixture							BLACK

Ordering Example: 5811-1SA-T-20L-8030-M-DM-U-SS

RECEIVED

FCCSQ600 Up/Down or Up, Standard Drivers without Battery Backup

6" Square wall mount up/down or up only cylinder outdoor



FEATURES

- Up to 5000 lm, Over 100 LPW
- Numerous mounting capabilities
- Clear anti-glare tempered glass lens (IK09)
- Multiple color finishes with AAMA 2605 option (10 yr. paint warranty)
- 0-10V 1% Dimming (Standard)
- 1.5G Vibration Tested
- 93 CRI with 2 SDCM

QUICK SHIP PRODUCT

PERFORMANCE

Beam Spread: 15° | 25° | 40° | 50° | 72°
CCT Options: 2700K | 3000K | 3500K | 4000K
CRI: 93 CRI
Consistency: 2 SDCM (Fixture to Fixture)
Lumens: 5000 lm
Lifetime: > 70,000 hours / L70 or better



PHYSICAL

Mounting: Mounts directly to standard recessed junction box with wall mount or twist-lock canopy. Additional holes allow unit to be attached directly to mounting surface.

Ingress Protection: Continuous silicone gasket to seal out contaminants, IP65 rated for dry, damp or wet locations

Finish: Six stage chemical iron phosphate conversion pre-treatment. Polyester powder coat finish, 18 µm Min., 5000hr salt spray test (ASTM B117) compliant with Florida / AAMA 2604 specification. AAMA 2605 optional w/ 10 yr. paint warranty.

Warranty: 5-Year limited warranty (refer to website for details)

Housing: Heavy-walled, extruded aluminum housing with high pressure die-cast lens ring and cap with stainless steel hardware.

Lens: IK09 impact compliant, clear anti-glare tempered glass

Vibration Resistance: Compliant with 1.5G ANSI C136.31, Seismic rated AC-156

Weight: 8-12 lbs (Depending on Length)

Operating Temperature: -22°F to 122°F (-30°C to 50°C)

ELECTRICAL

Voltage: Universal 120-277V AC standard, 347V optional

Power Supply: Integral Class II, electronic high-power factor > .90, THD < 20%, FCC Title 47 Part 15 Class A, EdoLED & Lutron optional

Power Consumption: Up to 53W (5000 lm)

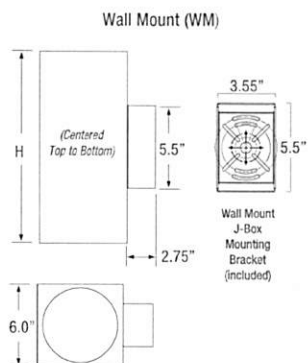
Dimming: Standard: 0-10V, 1% Dimming, Optional: ELV, TRIAC, dim to off, DMX, DALI

Certification: CEC Title 24 - JA8 Compliant (93 CRI Only)

Standards: cETLus Listed, CE, NOM, and RoHS Compliant. Wet location listed for wall or ceiling mount IP65 Ingress protection. 1.5G (ANSI C136.31) Vibration resistance rated. IK09 (IEC6226) Impact resistance rated. IESNA LM79 Photometric testing by NVLAP accredited test lab. IESNA LM80 LED testing by NVLAP accredited test lab. IESNA TM21 Luminaire lumen depreciation projection to >70,000hrs.

PHYSICAL DIMENSIONS

Fixture	Height (H)
FCCSQ610W	10" Height (1 Integral Driver Only)
FCCSQ612W	12" Height (1 Integral Driver Only)
FCCSQ614W	14" Height (1 Integral Driver Only)
FCCSQ616W	16" Height (1 Integral Driver Only)
FCCSQ618W	18" Height
FCCSQ620W	20" Height
(All above are Wall Mount Standard)	



Date:

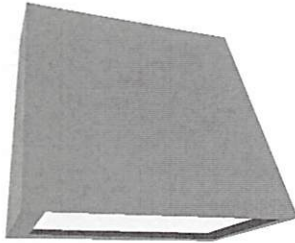
Approved:

Type:

Fixture:

Project:

FCW1011



FCW1011 trapezoidal Directional Wall fixture is IP65 rated and safe for wet locations in down position. An appealing architectural design to meet the requirements of your building specification.



SPECIFICATIONS

PHYSICAL

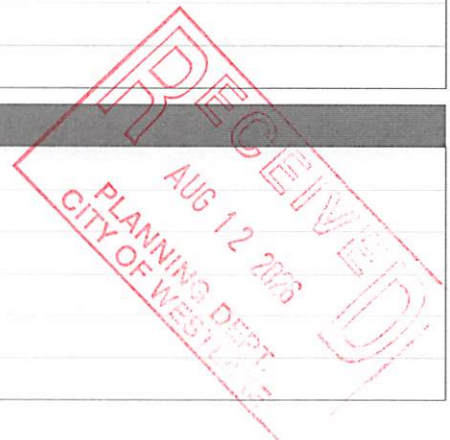
dimensions	12" W x 10" H x 4.9" D at top and 8.12" D at lens
weight	5 lbs
housing	Marine grade, corrosion resistant, heavy gauge aluminum
lens	1/8" thick tempered, clear, heat resistant lens
mounting	Mounts directly to standard junction box; masonry applications use four (4) 0.25" x 0.75" screws with lead anchors (fasteners not included, j-box by others)
ingress protection	IP65 : dry, damp or wet locations with extruded silicone gasket to seal out contaminants (down position only)
finish	Six stage chemical iron phosphate conversion pre-treatment. Polyester powder coat finish, 18 µm Min., 5000hr salt spray test (ASTM B117) compliant with Florida / AAMA 2604 specification.

PERFORMANCE

color temperature	2700K	3000K	3500K	4000K
lumen output	3000 lm			
lifetime	> 70,000 hours / L70 or better			
color consistency	3 SDCM / standard: 85 CRI optional: 90 CRI			
operating temperature	-13°F to 104°F (-25°C to 40°C)			
junction temperature	73°C @ T _a 25°C			
warranty	5-Year limited warranty (refer to website for details)			

ELECTRICAL

input voltage	Universal 120–277V AC
power supply	integral
certifications	ETL / cETL Listed, CEC Title 24 JA8 compliant / ADA compliant
standards	UL 1598 / CSA C22.2 No. 250.0 - Class I / IES LM-79 / LM-80
power consumption	24W @ 120V - 277V
dimming	optional: ELV (120V only) 0-10V (10%) remote only



Due to continuous development and improvements, specifications are subject to change without notice. FC Lighting reserves the right to change lab test details or specifications without notice. Product use certifies agreement to FC Lighting terms and conditions. FCC Series Cylinder Lights are engineered and produced in our Illinois manufacturing facility.

NEON BLAZE™ 24V

Diffused LED Lighting

Diffused, neon-like LED lighting with top-bending and side-bending options.

Available in static white and colors, and suitable for wet locations (IP65).

Date

Project Notes

AUG 12 2026

PLANNING DEPT.

CITY OF WESTLAKE



FEATURES

- Fully diffused, dotless light
- Top-bending and side-bending options with multiple output levels
- IP65 for wet locations and UV stabilized for outdoor use
- Ideal for coves and other architectural details
- 5 Year limited warranty



ORDERING CODES

Order spools, and components for field assembly

OPTIONAL ORDERING CODES

Add Length, Assembly Preferences, Finish, Mounting, Driver, and Delivery

	Voltage	Bend Style	Model	CCT		Length	Channels	Finish	Mounting	Driver		Delivery
DI												
	24V (24V Volt)	SE (Side Emitting)	NBL1	27 (2700K)	GL (Amber)	016 (16 feet)	MTCH (Neon Top Bend)	AL (Aluminum)	TUC (Top U-Clip)	ELV (Electronic)	O/O (On / Off)	Field Assembly
		TE (Top Emitting)	NBL2	30 (3000K)	BL (Blue)	32 (32 feet)	SPN (Neon Top Spine)		BUCL (Bottom U-Clip)	010 (0-10V)	SWX (Switchex)	Factory + Field (Hybrid)
			NBL4	35 (3500K)	GR (Green)	65 (65 feet)	MTCH (Neon Side Bend)			MAG (MLV)	PoE (Power over Ethernet)	
				42 (4200K)	PK (Pink)		SPN (Neon Side Spine)			LUT (Lutron)		
				63 (6300K)	RD (Red)							

NEON BLAZE™ - SPECIFICATION TABLE

Models	24V-SE-NBL1	24V-SE-NBL2	24V-SE-NBL4	24V-TE-NBL1	24V-TE-NBL2	24V-TE-NBL4
Voltage	24VDC	24VDC	24VDC	24VDC	24VDC	24VDC
Wattage	1.22W/ft.	2.44W/ft.	4.4W/ft.	1.22W/ft.	2.44W/ft.	4.4W/ft.
2700K	62 Lm/ft.	134 Lm/ft.	208 Lm/ft.	86 Lm/ft.	173 Lm/ft.	248 Lm/ft.
3000K	65 Lm/ft.	146 Lm/ft.	198 Lm/ft.	102 Lm/ft.	219 Lm/ft.	317 Lm/ft.
3500K	60 Lm/ft.	120 Lm/ft.	195 Lm/ft.	89 Lm/ft.	155 Lm/ft.	228 Lm/ft.
4200K	-	120 Lm/ft.	-	-	-	-
Lumens 6300K	59 Lm/ft.	116 Lm/ft.	173 Lm/ft.	88 Lm/ft.	145 Lm/ft.	225 Lm/ft.
Amber	31 Lm/ft.	61 Lm/ft.	84 Lm/ft.	70 Lm/ft.	157 Lm/ft.	184 Lm/ft.
Blue	6 Lm/ft.	12 Lm/ft.	18 Lm/ft.	18 Lm/ft.	30 Lm/ft.	37 Lm/ft.
Green	30 Lm/ft.	-	78 Lm/ft.	88 Lm/ft.	148 Lm/ft.	151 Lm/ft.
Pink	17 Lm/ft.	37 Lm/ft.	53 Lm/ft.	39 Lm/ft.	93 Lm/ft.	110 Lm/ft.
Red	11 Lm/ft.	21 Lm/ft.	34 Lm/ft.	31 Lm/ft.	61 Lm/ft.	64 Lm/ft.
Cut Points	2 in.	2 in.	2 in.	2 in.	2 in.	2 in.
Max Run (ft.)	65 ft.	32 ft.	16 ft.	65 ft.	32 ft.	16 ft.
CRI	80+	80+	80+	80+	80+	80+
Dimensions	0.37 x 0.75 in. (W x H)	0.37 x 0.75 in. (W x H)	0.37 x 0.75 in. (W x H)	0.65 x 0.59 in. (W x H)	0.65 x 0.59 in. (W x H)	0.65 x 0.59 in. (W x H)
TM-21 (LM-80)	>50,000 hours	>50,000 hours	>50,000 hours	>50,000 hours	>50,000 hours	>50,000 hours
Environment	Outdoor / Wet Location (IP65)	Outdoor / Wet Location (IP65)	Outdoor / Wet Location (IP65)	Outdoor / Wet Location (IP65)	Outdoor / Wet Location (IP65)	Outdoor / Wet Location (IP65)
Certification	UL Listed 2108	UL Listed 2108	UL Listed 2108	UL Listed 2108	UL Listed 2108	UL Listed 2108
Warranty	5 Year	5 Year	5 Year	5 Year	5 Year	5 Year

RAZAR SERIES - LED

LOW PROFILE AREA LUMINAIRE

Optical Housing

Heavy cast aluminum assembly minimum wall thickness .188". LED Module mounting area is machined to within a 0.002" surface flatness variance for maximum surface contact and thermal conductivity from the LED modules to the radiating fins. Passive radiating fins above the LED Optics provide superior thermal management and long LED life. The optical and electrical compartments are integrated with the support arm to create one assembly. Cast and hinged driver compartment cover allows access to the drivers and wiring.

Electrical Housing w/ Integrated Arm

Heavy cast aluminum 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.

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.

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. LED optics completely seal each individual emitter to meet an IP66 rating. In asymmetric distributions, a micro-reflector inside the refractor re-directs the house side emitter output towards the street side, maximizing usable light. Optional house side shields are available that cover each individual optic. 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. Quick-disconnects are provided above each panel for fast field replacement. All fixture optical options will provide a "U0" no uplight optical package and is are dark sky friendly.

LED Emitters

LED thermal management is designed to maintain LED operating temperature below 90 °C, well below the manufacturers thermal max of 150 °C for long life, high lumen maintenance and color stabilit. High Power White LED's are driven between 350mA and 875mA for a maximum output of 2.5 Watts nominal. LED's are available in standard Warm White (2700K & 3000K), Neutral White (4000K), or Cool White (5000K). All Standard LED's have a minimum of 70 CRI. Consult Factory for other LED options. Lumen Maintenance of L94 at 60,000 hours (TM-21 calculated at 6x Test Time).

True Amber LED's TRA-True Amber LED's emit light in the amber spectral bandwidth centered on 585-590nm. True Amber has negligible blue light and is suitable for wildlife.

LED Driver

Constant current electronic with a power factor of >.90 and a minimum operating temperature of -40°F/-40°C. Driver(s) is/are UL and cUL recognized. 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 a separate 20KV surge protector for field installation.

Finish

Super TGIC polyester powder coating is applied onto a metal substrate this has been pretreated with a four-stage process for maximum adhesion and color retention. The top coat is baked at 400° F for maximum hardness and exterior durability.

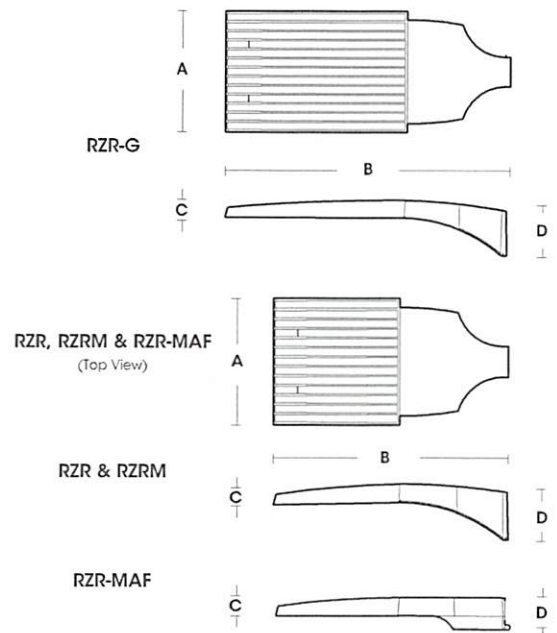
PROJECT NAME:

PROJECT TYPE:



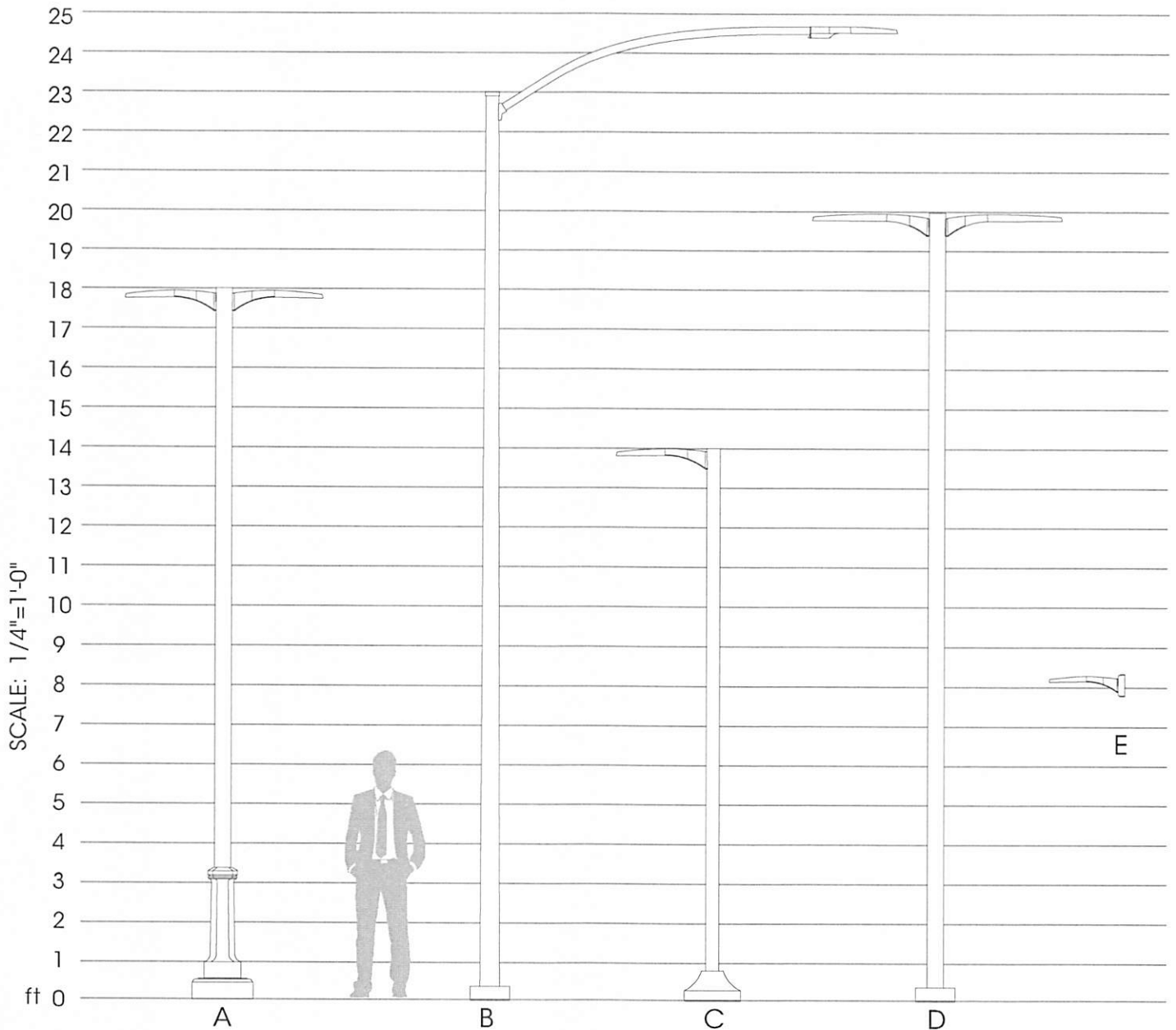
RZR

(Models: RZRM, RZR, RZR-G & RZR-MAF)



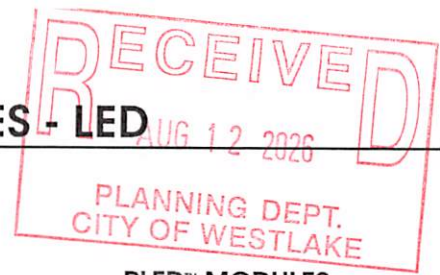
Fixture	A	B	C	D
RZR-G	15" 381mm	36.5" 927mm	3" 76mm	7" 187mm
RZR	14.75" 375mm	28.25" 718mm	2.75" 70mm	6.5" 165mm
RZRM	11.5" 292mm	22" 559mm	2.5" 64mm	5.25" 133mm
RZR-MAF	15" 381mm	28.25" 724mm	2.5" 64mm	4" 102mm

SAMPLE ASSEMBLIES



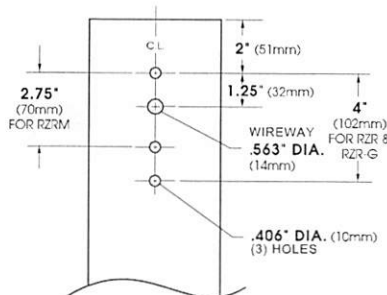
- A. 11-1050-18'-0" / 2-180/RZR/LED/ACCESSORIES/FINISH
- B. 1046T-23'-0" / ASL-8' / RZR-MAF/LED/ACCESSORIES/FINISH
- C. RNTA-144-125-RBC/1 / RZR/LED/ACCESSORIES/FINISH
- D. RNTS205-7/2-180/RZR-G/LED/ACCESSORIES/FINISH
- E. WM/RZRM/LED/ACCESSORIES/FINISH

Sample Assemblies show a small offering of the Sun Valley Line of Poles, Bases, Shafts, Arms, & Luminaires.
Please visit usatlg.com for the full product offering.

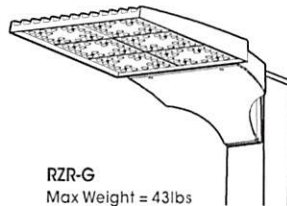


SPECIFICATIONS

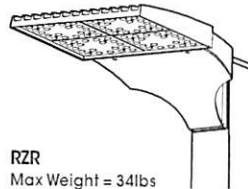
POLE DRILLING TEMPLATE



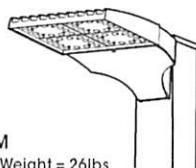
EPA & WEIGHT



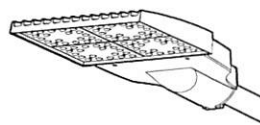
RZR-G
Max Weight = 43lbs
Max EPA = 0.76
120 LED Max



RZR
Max Weight = 34lbs
Max EPA = 0.67
80 LED Max

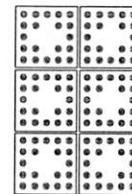


RZRM
Max Weight = 26lbs
Max EPA = 0.45
48 LED Max

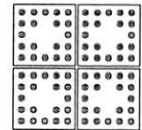


RZR-MAF
Max Weight = 36lbs
Max EPA = 0.56
80 LED Max

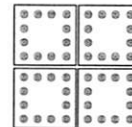
PLED™ MODULES



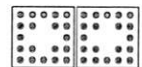
120 LED Module



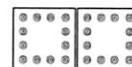
80 LED Module



48 LED Module



40 LED Module



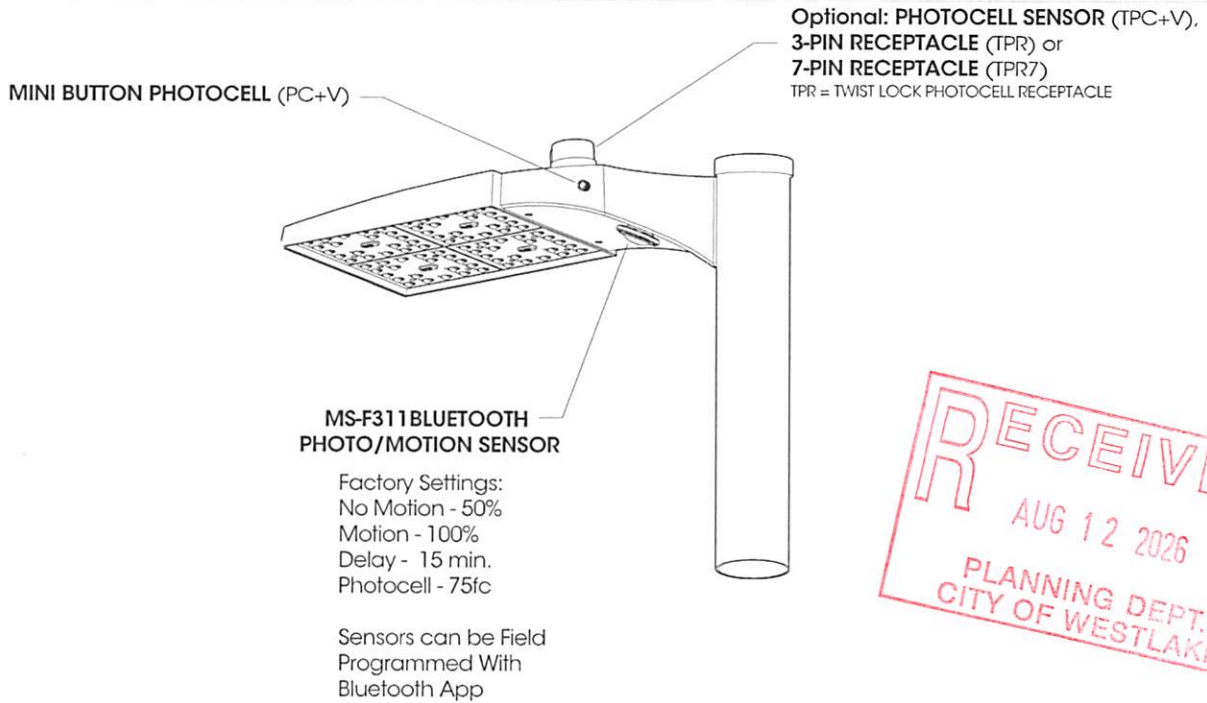
24 LED Module

ORDERING INFORMATION

Spec/Order Example: RZR/PLED-IV/80LED-700mA/CW/UNV/8019-S

Luminaire	Optics	LED Mode	Voltage	Mounting	Finish	Options
Luminaire	Optics	LED	Voltage	Mounting	Finish	Options
☐ RZR-G	PLED™ Distribution Type ☐ PLED-II ☐ PLED-II-FR ☐ PLED-II-MIL	# of LEDs RZR-G ☐ 120LED ☐ 1400mA ¹ ☐ 27K (2700K) ☐ 80LED ☐ 1225mA ¹ ☐ 30K (3000K) ☐ 1050mA ☐ 40K (4000K) ☐ 875mA ☐ 50K (5000K) ☐ 700mA RZR / RZR-MAF ☐ 80LED ☐ 525mA ☐ TRA True Amber ☐ 40LED ☐ 350mA Consult Factory for Other LED Color, CCT, & CRI Options	☐ UNV (120-277) ☐ 347 ☐ 480	Arm Mount ☐ 1 ☐ 2-180 ☐ 2-90 ☐ 3-90 ☐ 3-120 ☐ 4-90 Wall Mount ☐ WM WM - Wall Mount provided with mounting bracket and cover.	Standard Textured Finish ☐ Black 9005-T ☐ White 9003-T ☐ Grey 7004-T ☐ Dark Bronze 8019-T ☐ Green 6005-T Premium Finishes ☐ Rust ☐ Patina Copper PC For smooth finish replace suffix "T" with suffix "S" (Example: 9500-S) Consult factory for custom colors	☐ Internal House Side Shield inc. LED Count (Example: HS-PLED/48) HS-PLED ☐ External Glare Shield 4 Sided EGS4 ☐ External Glare Shield 3 Sided Rear Wedge EGS3W ☐ Round Pole Adapter RPA ☐ Twist Lock Receptable Only TPR ☐ 7-Pin Twist Lock Receptable Only TPR7 ☐ High-Low Dimming for Switch by Others/Select Levels 50/100 or 25/100 (Example: HLSW/25) HLSW ☐ Twist Lock Photocell + Voltage (Example: TPC347V) TPC+V ☐ Photo Cell + Voltage (Example: PC120V) PC+V ☐ Single Fuse (120V, 277V) SF ☐ Double Fuse (208V, 240V) DF ☐ Blue-Tooth Programmable Photo/Motion Sensor (Factory - Motion 50/100; Photo 75%) MS-F311 ☐ Emergency Battery Backup (80LED/875mA max) EM
☐ RZR	☐ PLED-III ☐ PLED-III-W ☐ PLED-IV ☐ PLED-IV-FT					
☐ RZR-MAF						
☐ RZRM	☐ PLED-VSQ-N ☐ PLED-V-SQ-M ☐ PLED-V-SQ-W	RZRM ☐ 48LED ☐ 24LED NOTES: 1 - 1400mA & 1225mA drive currents not available in RZRM. 2 - TRA available in 350mA & 525mA drive currents only. Consult Factory for Other Drive Currents				

OPTIONS



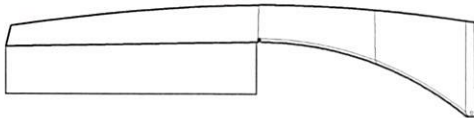
High Low Dimming For Switches (HLSW)

The HLSW is a Small Electronic Switch which Provides High Low Dimming Control Through the LED Driver's 0-10V Control. Switching is Done by Adding a Secondary AC Switched Hot Trigger Line to the HLSW in Addition to the Normal AC Power Line. When the Secondary Trigger Line is Powered, the Fixture will go to 100% Dimming. With no Power to the Trigger, the Fixture will operate at 50% or 25% Dimming. Switches for the Trigger Line can be a Normal AC Switch/Breaker or Timed Switch/Breaker.

Wireless and Other Fixture Controls

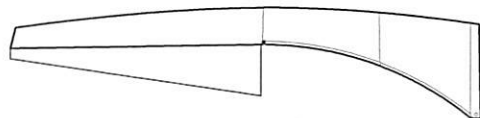
Contact Factory for Wireless and Other Fixture Controls and Recommendations. Most Controls Can be Integrated and Factory Installed.

EXTERNAL GLARE SHIELDS



EGS4 - 4 Sided Shield

Minimum Cutoff = 12°
Average Cutoff = 23°

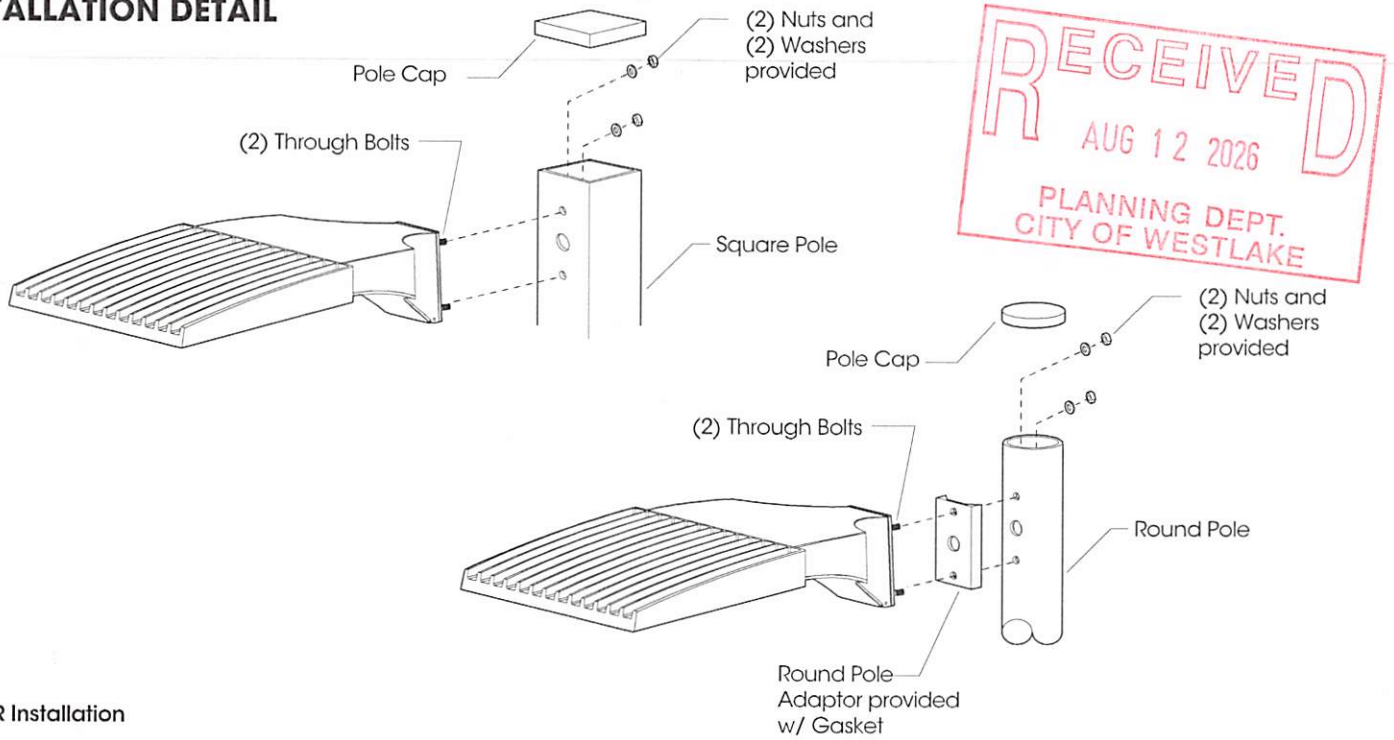


EGS3W - 3 Sided Shield

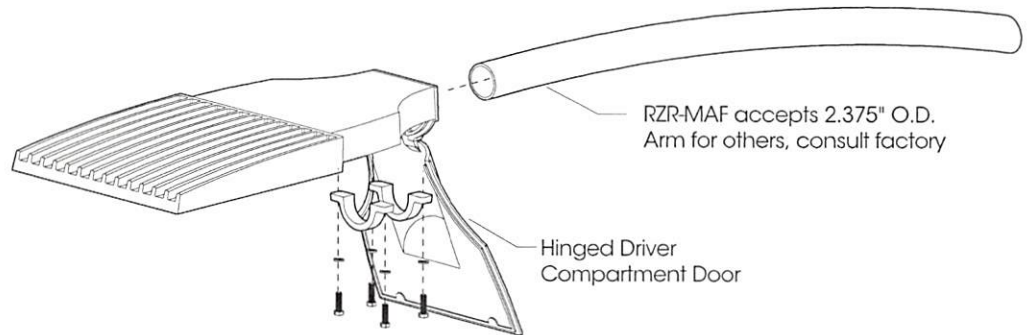
Minimum Rear Cutoff = 12°
Average Rear Cutoff = 23°
Minimum Side Cutoff = 4°
Average Side Cutoff = 16°

Glare Shields are rotatable on RZR and RZRM. Consult factory for custom applications.

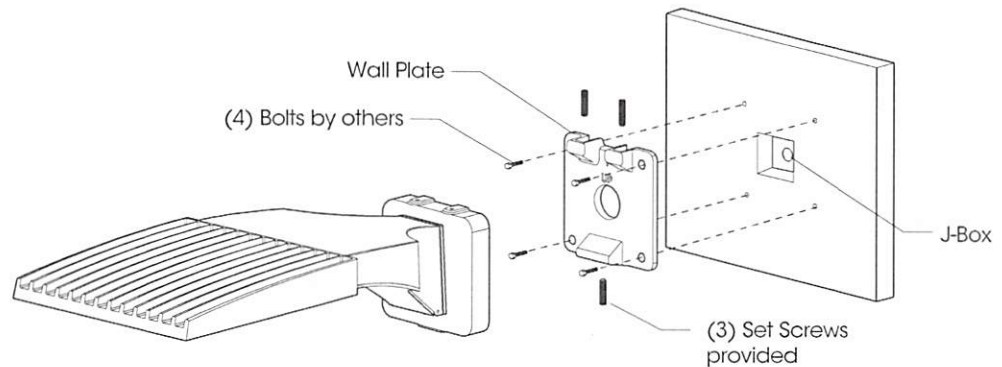
INSTALLATION DETAIL



RZR Installation



RZR-MAF Installation



RZR-WM Installation