

PROJECT NAME: _____

FIXTURE TYPE: _____

RAZAR MINI

LOW PROFILE AREA, SITE, & ROADWAY LUMINAIRE


QUICK SHIP PROGRAM

Luminaire

Heavy cast aluminum construction with 0.125" minimum wall thickness and integral heatsink fins for LED thermal management. LED modules mount directly to the housing. Sealed, hinged electrical compartment houses drivers and control options. Integral gasketed arm mounts to square poles; optional Round Pole Adapter (RPA) available. Stainless steel hardware throughout.

Mast Arm Fitter / Electrical Housing

Replaces standard electrical housing and mounts to a 2-3/8" O.D. horizontal tenon. Dual stainless steel strap-and-bolt assemblies secure the fixture. Self-centering steps provide adjustable luminaire tilt from 0° to +3°.

PLED™ Optics

PLED™ optical modules combine high-power LEDs, metal-core PCBs, and precision-molded optical grade PMMA refractors in sealed IP66-rated panels. Multiple Site, Area, and Roadway distributions are available. Optional PLED-HS House Side Shields reduce backlight while maintaining forward distribution. Modules are field rotatable in 90° increments, replaceable, and equipped with quick disconnects. Direct heatsink mounting provides efficient thermal transfer.

LED Emitters

Thermal management maintains LED operating temperatures below 90°C for long life, lumen maintenance, and color stability. LEDs operate from 350–1050mA and are available in 3000K, and 4000K with 70 CRI minimum. Additional CCT and CRI options available; consult factory. See TM-21 lumen maintenance data for rated life.

LED Drivers

Constant-current electronic drivers feature >0.90 power factor, -40°F/-40°C minimum operating temperature, and UL/cUL recognition. Available for UNV (120–277V), 50/60Hz. Standard 0–10V dimming; consult factory for DALI options. Rated life exceeds 100,000 hours at 25°C ambient. Drivers include minimum 3kV internal surge protection; luminaire includes a 20kV surge protector for field installation.

Finish

TGIC polyester powder coat applied over a four stage pretreated metal substrate for excellent adhesion, color retention, hardness, and exterior durability. Top coat is thermally cured at 400°F.

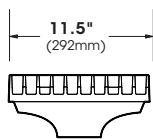

QSRM

SELECT CONFIGURATIONS
ACCELERATED LEAD TIME

QUICK REFERENCE

LED Arrays	24LED/48LED
Voltage	UNV(120-277V)
Max Weight	26lbs
Max EPA	0.45
Optics	Type III-M, III-W, IV-FT, VSQ-M
CCT	3000K, 4000K Correlated Color Temperature
Finish	Black, Dark Bronze, Grey
Certifications	UL Listed, BABA compliant

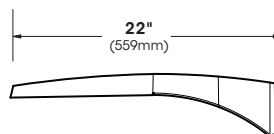
DIMENSIONS



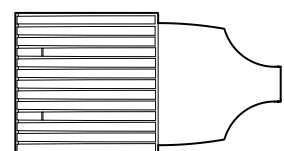
FRONT VIEW



SIDE VIEW



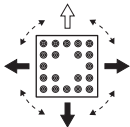
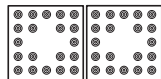
TOP VIEW



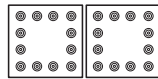
ORDERING INFORMATION

EXAMPLE: QSR-128W/III-W/80-525mA/30K/UNV/7004-S/RPA

1	2	3	4	5	6	7	8
PART NUMBER Luminaire - Watts	LUMENS @4000K	# of LEDs	DRIVE CURRENT	COLOR Temp - CCT	VOLTAGE	FINISH Smooth	OPTIONS
QSRM-26W	4,900lm	24LED	350mA	30K (3000K) 40K (4000K)	UNV (120-277)	9005-S Black	HS-PLED Internal House Side Shield inc. LED Count (Example: HSPLED/48) RPA* Round Pole Adaptor UPA* Universal Pole Adaptor *Standard mounting for square poles. For round poles, add RPA or UPA.
QSRM-52W	9,000lm	24LED	700mA			8019-S Dark Bronze	
QSRM-81W	11,400lm	24LED	1050mA			7004-S Grey	
QSRM-43W	8,100lm	48LED	350mA				
QSRM-87W	15,100lm	48LED	700mA				
QSRM-135W	20,800lm	48LED	1050mA				

PLED™ MODULE ARRAYS

 Individual PLED
Modules are
rotatable in
90° increments.


48 LED Module

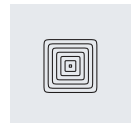


24 LED Module

DISTRIBUTION OPTIONS

PLED-II-MIL
Type III Median
Illuminator

PLED-III-W
Type III Wide

PLED-IV-FT
Type IV

PLED-V-SQ-M
Type V Med.

INCLUDED IN QUICK SHIP PROGRAM

- 3000K, 4000K Correlated Color Temperature
- Type III-M, III-W, IV-FT or VSQ-M Light Distribution
- Powder Coat Finish RAL-9005-S (Black), RAL-8010-S (Dark Bronze) or RAL-7004-S (Grey)
- Field Rotatable & Replaceable Optics
- Surge Protector (for field installation)

Full Freight Allowed \$3,500
**SHIPS IN
3 WEEKS**



PHOTOMETRIC DATA GUIDE - LUMEN TABLES

QSRM										
Part Number	LED Count	Drive Current (mA)	System Watts	Dist'n Type	30K (3000K - 70CRI)			40K (4000K - 70CRI)		
					Lumens	LPW	BUG Rating	Lumens	LPW	BUG Rating
QSR-26W	24	350	26	III-M	4712	183	B1-U0-G1	4833	188	B1-U0-G1
				III-W	4375	170	B1-U0-G1	4487	175	B1-U0-G2
				IV-FT	4260	166	B1-U0-G1	4369	170	B1-U0-G1
				VSQ-M	4793	186	B3-U0-G1	4916	191	B3-U0-G1
				III-M-HS	3427	133	B0-U0-G1	3514	137	B0-U0-G1
				III-W-HS	3354	131	B0-U0-G1	3440	134	B0-U0-G1
				IV-FT-HS	3345	130	B0-U0-G2	3430	133	B0-U0-G2
QSR-52W	24	700	52	III-M	8687	167	B2-U0-G2	8910	171	B2-U0-G2
				III-W	8066	155	B2-U0-G1	8273	159	B2-U0-G2
				IV-FT	7854	151	B2-U0-G1	8055	155	B2-U0-G2
				VSQ-M	8837	170	B3U0-G2	9064	174	B3-U0-G2
				III-M-HS	6318	121	B0-U0-G2	6480	124	B0-U0-G2
				III-W-HS	6184	119	B0-U0-G2	6342	122	B0-U0-G2
				IV-FT-HS	6167	118	B0-U0-G2	6325	121	B0-U0-G2
QSR-81W	24	1050	81	III-M	12000	148	B2-U0-G2	12308	152	B2-U0-G2
				III-W	11142	138	B2-U0-G2	11428	141	B2-U0-G2
				IV-FT	10849	134	B2-U0-G2	11127	138	B2-U0-G2
				VSQ-M	12207	151	B4-U0-G2	1250	155	B4-U0-G2
				III-M-HS	8727	108	B1-U0-G2	8950	111	B1-U0-G2
				III-W-HS	8542	106	B1-U0-G2	8761	108	B1-U0-G2
				IV-FT-HS	8548	105	B1-U0-G2	8737	108	B1-U0-G2
QSR-43W	48	350	43	III-M	7853	183	B2-U0-G2	8054	188	B2-U0-G2
				III-W	7292	170	B1-U0-G2	7478	174	B1-U0-G2
				IV-FT	7100	165	B1-U0-G2	7282	170	B1-U0-G2
				VSQ-M	7988	186	B3-U0-G2	8193	191	B3-U0-G2
				III-M-HS	5711	133	B0-U0-G2	5857	137	B0-U0-G2
				III-W-HS	5590	130	B0-U0-G2	5733	134	B0-U0-G2
				IV-FT-HS	5575	130	B0-U0-G2	5717	133	B0-U0-G2
QSR-87W	48	700	87	III-M	14479	167	B2-U0-G2	14850	171	B2-U0-G2
				III-W	13444	155	B2-U0-G3	13789	159	B2-U0-G3
				IV-FT	13090	151	B2-U0-G3	13426	155	B2-U0-G3
				VSQ-M	14728	170	B4-U0-G2	15106	174	B4-U0-G2
				III-M-HS	10529	121	B1-U0-G2	0529	121	B1-U0-G2
				III-W-HS	10306	119	B1-U0-G3	10799	124	B1-U0-G2
				IV-FT-HS	10278	118	B1-U0-G3	10541	121	B1-U0-G3
QSR-135W	48	1050	135	III-M	20001	148	B3-U0-G3	20513	152	B3-U0-G3
				III-W	18571	138	B3-U0-G4	19047	141	B3-U0-G4
				IV-FT	18082	134	B3-U0-G3	18546	138	B3-U0-G3
				VSQ-M	20345	151	B4-U0-G2	20866	155	B4-U0-G2
				III-M-HS	14545	108	B1-U0-G3	14917	111	B1-U0-G3
				III-W-HS	14236	106	B1-U0-G3	14601	108	B1-U0-G3
				IV-FT-HS	14197	105	B1-U0-G4	14561	108	B1-U0-G4