U.S. ARCHITECTURAL LIGHTING

PROJECT NAME:

FIXTURE TYPE:

RAZAR MINI

LOW PROFILE AREA, SITE, & ROADWAY LUMINAIRE

QUICK SHIP PROGRAM

QSRM SELECT CONFIGURATIONS ACCELERATED LEAD TIME

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.

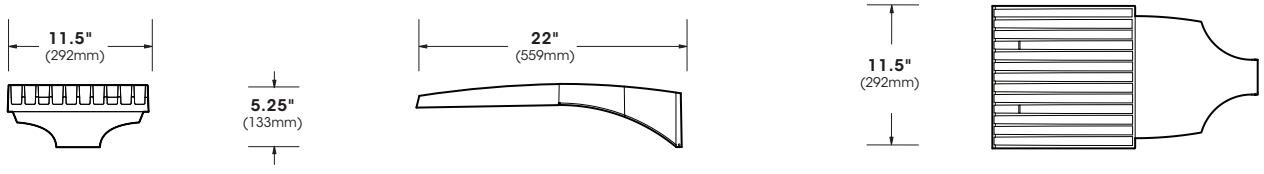
LED Drivers
Constant-current electronic drivers feature >0.90 power factor, -40°F/-40°C minimum operating temperature, and UL/cUL recognition. Available for UNV (120–277V), 50/60Hz. Standard 0–10V dimming; consult factory for DALI options. Rated life exceeds 100,000 hours at 25°C ambient. Drivers include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

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

U.S. ARCHITECTURAL LIGHTING

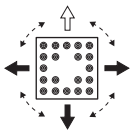
RAZAR MINI - QSRM
Quick Ship Program

ORDERING INFORMATION

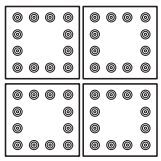
EXAMPLE: QSR-128W/III-W/80-525mA/30K/UNV/7004-S/RPA

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)	UNV (120-277)	9005-S Black	HS-PLED Internal House Side Shield inc. LED Count (Example: HSPLED/48)
QSRM-52W	9,000lm	24LED	700mA	40K (4000K)		8019-S Dark Bronze	RPA* Round Pole Adaptor
QSRM-81W	11,400lm	24LED	1050mA			7004-S Grey	UPA* Universal Pole Adaptor
QSRM-43W	8,100lm	48LED	350mA				*Standard mounting for square poles. For round poles, add RPA or UPA.
QSRM-87W	15,100lm	48LED	700mA				
QSRM-135W	20,800lm	48LED	1050mA				

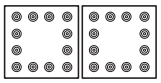
PLED™ MODULE ARRAYS



Individual PLED Modules are rotatable in 90° incriments.



48 LED Module



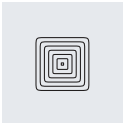
24 LED Module

DISTRIBUTION OPTIONS

PLED-III-M
Type III Median

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
- U0 Full Cut-off Optics
- Surge Protector (for field installation)

Full Freight Allowed $4,000

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
QSRM-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
QSRM-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
QSRM-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
QSRM-43W	48	350	52	III-M	9131	177	B2-U0-G2	9365	182	B2-U0-G2
				III-W	8478	165	B2-U0-G2	8696	169	B2-U0-G2
				IV-FT	8255	160	B2-U0-G2	8467	164	B2-U0-G2
				VSQ-M	9289	160	B3-U0-G2	9527	185	B3-U0-G2
				III-M-HS	6640	129	B0-U0-G2	6811	132	B0-U0-G2
				III-W-HS	6500	126	B0-U0-G2	6666	129	B0-U0-G2
				IV-FT-HS	6482	126	B0-U0-G2	6648	129	B0-U0-G2
QSRM-87W	48	700	104	III-M	16836	162	B3-U0-G3	17268	166	B3-U0-G3
				III-W	15632	150	B3-U0-G3	16033	154	B3-U0-G3
				IV-FT	15221	146	B3-U0-G3	15611	150	B3-U0-G3
				VSQ-M	17126	165	B4-U0-G2	17565	169	B4-U0-G2
				III-M-HS	12243	118	B1-U0-G3	12257	121	B1-U0-G3
				III-W-HS	11984	115	B1-U0-G3	12291	118	B1-U0-G3
				IV-FT-HS	11951	115	B1-U0-G3	12257	118	B1-U0-G3
QSRM-135W	48	1050	162	III-M	23257	144	B3-U0-G3	23853	148	B3-U0-G4
				III-W	21594	134	B3-U0-G4	22148	137	B3-U0-G4
				IV-FT	21026	130	B3-U0-G4	21565	133	B3-U0-G4
				VSQ-M	23657	146	B5-U0-G3	24263	150	B5-U0-G3
				III-M-HS	6912	105	B1-U0-G3	17346	107	B1-U0-G3
				III-W-HS	6554	102	B1-U0-G4	16978	105	B1-U0-G4
				IV-FT-HS	6508	102	B1-U0-G4	16931	105	B1-U0-G4