

DATE	PROJECT	FIRM	TYPE
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RISE IS A SYSTEM OF BEAUTIFULLY DESIGNED OUTDOOR RATED LUMINAIRES THAT PROVIDE EFFICIENT AND POWERFUL LIGHT USING THE LATEST IN LED TECHNOLOGY. RISE F170 QUAD IS A UNIQUE CONFIGURATION THAT GROUPS FOUR RISE F170 SINGLES ALLOWING YOU TO QUADRUPLER YOUR LUMEN POWER, DELIVERING UP TO 17,800 LUMENS. THIS UNIQUE FIXTURE CAN BE USED TO POWERFULLY LIGHT ONE OBJECT OR AIMED SEPARATELY, ALLOWING YOU TO ILLUMINATE MULTIPLE APPLICATIONS. THIS POWERFUL AND COMPACT LED LIGHT FIXTURE CAN BE USED IN SPOT, ACCENT, LANDSCAPE, ARCHITECTURAL, AND FLOODLIGHT APPLICATIONS. ITS UNIQUE MACRO[™] LOCK FEATURE ALLOWS FOR FULL 180 DEGREE TILT AND 360 DEGREE PAN AIMABILITY OF EACH FIXTURE HEAD USING ONLY ONE TOOL.



- FEATURES :
- POWERFUL CBCP
 - EXTREMELY COMPACT
 - POWERFUL OUTPUT UP TO 17,800 LUMENS
 - MACRO[™] LOCK - 180° TILT AND 360° PAN
 - 12 UNIQUE BEAM ANGLES

- MULTIVOLT (110 V-277 V)
 - 8 CCTS: 2200K THROUGH 6500K
 - 80+ AND 90+ CRI
 - DIMMABLE TO 5%
 - IP66 RATED

FIXTURE MODEL	FIXTURE CONFIG.	POWER/ LUMEN OUTPUT*	CCT/ COLOR	CRI	BEAM ANGLE	FINISHES	ACCESSORIES	WIRING AND MOUNTING
F170	4F - 4 Heads, Movable Quad	LO - Low Output MO - Medium Output HO - High Output	27 - 2700K 30 - 3000K 35 - 3500K 40 - 4000K	8 - 80 9 - 90*	05 - Laser Spot (5°) 10 - Very Narrow Spot (10°) 15 - Narrow Spot (15°) 20 - Spot (20°) 40 - Flood (40°) 60 - Medium Flood (60°) 70 - Wide Flood (70°) 90 - Very Wide Flood (90°) E1 - Elliptical 1 (15°x60°) E2 - Elliptical 2 (30°x60°) E3 - Elliptical 3 (60°x15°) E4 - Elliptical 4 (60°x30°)	K - Black Z - Bronze S - Silver	X - No Accessory H - Half Snoot F - Full Snoot	C - 10' Exterior Rated Cable, Bottom Exit, 2-3/8" Tenon Mount UL Listed E* - 10' Exterior Rated Cable, Bottom Exit, 2-3/8" Tenon Mount CE Listed

BUILD TO ORDER SHIPPING		22 - 2200K 25 - 2500K 50 - 5000K 65 - 6500K RD - Red GR - Green BL - Blue AM - Amber	X - For RD, GR, BL, AM *90 CRI not available in 2200K, 2500K, 5000K, and 6500K		W - White C - Custom* *Provide RAL #
	EXAMPLE: F080-1S-LO-22-8-05-S-X-A	*2200K and 2500K not available in 40°, 60°, 70° and 90°			

PERFORMANCE	WATTS	POWER	LUMEN OUTPUT		EFFICACY		CBCP	
			5°	40°	5°	40°	5°	40°
*SEE PHOTOMETARY CHART FOR LUMEN DATA	52	Low Output	5,030	6,608	97	127	289,949	11,576
	104	Medium Output	8,525	11,820	82	114	491,364	20,707
	156	High Output	11,512	17,400	74	112	663,563	30,483

ALL LUMEN DATA IS FROM 4000K 80CRI FIXTURES. PLEASE SEE PHOTOMETRY SPEC SHEET FOR ADDITIONAL LUMEN DATA.

* ENERGY STAR REPORTED TESTING HOURS TO DATE. CALCULATIONS FOR LED FIXTURES ARE BASED ON MEASUREMENTS THAT COMPLY WITH IES LM-80 TESTING PROCEDURES AND IES TM-21 CALCULATOR ** ESTIMATED HOURS	COLOR RENDERING INDEX	80+, 90+				
	COLOR CONSISTENCY	3-STEP MACADAM ELLIPSE				
	LUMEN DEPRECIATION					
		WATTS	L70 @ 25C	L70 @ 50C	L90 @ 25C	L90 @ 50C
	LOW	>60,500*	>60,500*	>60,500*	>60,500*	
		>(109,000)**	>(109,000)**	>(109,000)**	>(109,000)**	
MEDIUM	>60,500*	>60,500*	>60,500*	>60,500*		
	>(109,000)**	>(109,000)**	>(109,000)**	>(109,000)**		
HIGH	>60,500*	>36,300*	>60,500*	>33,200*		
	>(181,000)**		>(69,800)**			

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ELECTRICAL	WATTAGE POWER FACTOR THD OPERATING VOLTAGE DRIVER STARTUP TEMPERATURE OPERATING TEMPERATURE STORAGE TEMPERATURE SURGE PROTECTION	LOW OUTPUT = 52 W; MEDIUM OUTPUT = 104 W; HIGH OUTPUT = 156 W >0.9 for 120 V (HO, MO, LO), 230 V (HO, MO), 277 V (HO) <0.2 for 120 V (HO, MO, LO), 230 V (HO, MO), 277 V (HO) MULTIVOLT: 100V-277 VAC, 50/60 Hz INTEGRAL TO FIXTURE; DE-RATED POWER AND SYNCHRONOUS START-UP AT FULL BRIGHTNESS -40 °F TO 122 °F (-40 °C TO 50 °C) -40 °F TO 122 °F (-40 °C TO 50 °C) -40 °F TO 176 °F (-40 °C TO 80 °C) SURGE PROTECTION DEVICES WITH A MINIMUM DISCHARGE CURRENT RATING OF 20 kA, THAT MEET UL1449, CSA C22.2 No. 269.1, AND IEC TR 62066, SHOULD BE INSTALLED ON EACH BRANCH CIRCUIT.	
CONTROL	DIMMING	110-277 VAC, ELV TYPE, REVERSE PHASE, TRAILING EDGE	
PHYSICAL	DIMENSIONS HOUSING/LENS WEIGHT ENVIRONMENT MOUNTING OPTIONS WIRING TOOLS WIND LOAD (EPA) CORROSION RESISTANT	SEE DIMENSION PAGES EXTRUDED ALUMINUM; UV STABILIZED POLYCARBONATE; STAINLESS STEEL FASTENERS 27.63 LBS / 12.5 KGS OUTDOOR • UL CERTIFIED FOR WET LOCATIONS IP66 IMPACT RATED TO IK10 C - EXTERNAL CABLE BOTTOM EXIT; 2-3/8" TENON MOUNT; UL LISTED E - EXTERNAL CABLE BOTTOM EXIT; 2-3/8" TENON MOUNT; CE LISTED LENGTH OF EXTERIOR CABLE 10' (3.05 m) SCREWS TO REPLACE THE LENS AND BEZEL: HEX 3 mm; 1.25 ± 0.25 Nm SCREWS FOR MACRO LOCK™ PAN AND TILT: HEX 5 mm; 27.0 ± 2.0 Nm SCREW FOR MAIN TILT ARM: HEX 6 mm; 27.0 ± 2.0 Nm SET SCREWS FOR TENON MOUNT: HEX 4 mm; 9.5 ± 0.5 Nm EFFECTIVE PROJECTED AREA 0.93 ft² A HIGH-PERFORMING, CORROSION-RESISTANT FINISH THAT USES HIGH DURABILITY TRIGLYCIDYL ISOCYANURATE (TGIC) POWDER COATINGS SPECIFICALLY DESIGNED FOR NATATORIUMS AND EXTERIOR WEATHER EXPOSURE. THIS FINISH HAS BEEN TESTED AND APPROVED TO MARINE GRADE CORROSION RESISTANCE STANDARD IN UL1598A, ASTM B117 SALT FOG TEST FOR 200 HOURS.	

FIXTURE RATING & CERTIFICATIONS

CE, UL CERTIFIED
RoHS COMPLIANT, IK10



LIMITED WARRANTY 5 YEARS

O-10 V CONTROL

100-120 VAC / 277 VAC Linear Dimming Control Module 0-10 V - Plenum Rated LDCM-PL-120-277-010V-GR

All products come standard with ELV dimming capabilities. 0-10 V Control options required for operation at 0-10 V.

OPTIONAL ACCESSORIES

Snoots

Half Snoot, Color Finish (K=Black, Z=Bronze, S=Silver, W=White, C=Custom) F170-H-(K,Z,S,W,C)

Full Snoot, Color Finish (K=Black, Z=Bronze, S=Silver, W=White, C=Custom) F170-F-(K,Z,S,W,C)

Interchangeable Lens

If inner optic = 5°,

Desired angle Order the following spread lens

5 Degree F170-LENS-05

10 Degree F170-LENS-10

15 Degree F170-LENS-15

20 Degree F170-LENS-20

40 Degree F170-LENS-40

60 Degree F170-LENS-60

80 Degree F170-LENS-80

15x60 or 60x15 Degree F170-LENS-E1E3

30x60 or 60x30 Degree F170-LENS-E2E4

Full Set of Beam Angle Lens Degree (5, 10, 15, 20, 40, 60, 80, 15X60 or 60X15, 30X60 or 60X30) F170-LENS-FULLSET

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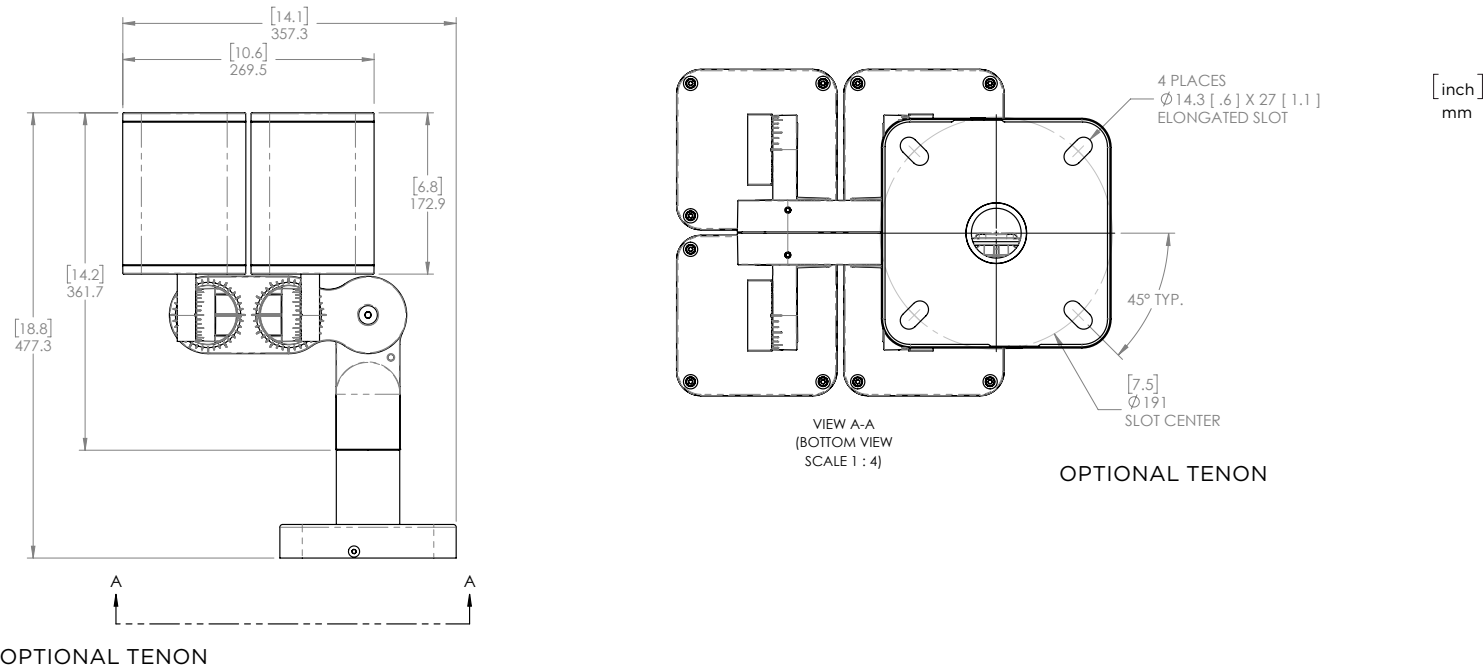
If inner optic = 40°,		
Desired angle		Order the following spread lens
5 Degree		NOT SUPPORTED
10 Degree		NOT SUPPORTED
15 Degree		NOT SUPPORTED
20 Degree		NOT SUPPORTED
40 Degree		F170-LENS-10
60 Degree		F170-LENS-40
70 Degree		F170-LENS-60
90 Degree		F170-LENS-80
15x60 or 60x15 Degree		NOT SUPPORTED
30x60 or 60x30 Degree		NOT SUPPORTED
Full Set of Beam Angle Lens Degree (5, 10, 15, 20, 40, 60, 80, 15X60 or 60X15, 30X60 or 60X30)		F170-LENS-FULLSET

Honeycomb Louver	
Honeycomb Louver F170	F170-LV-HComb

Color Filters	
Red	F170-FILTER-RED
Blue	F170-FILTER-BLUE
Green	F170-FILTER-GREEN
Amber	F170-FILTER-AMBER

Surface Mount Tenon	
F170 and F380 Multi-Up Surface Mount Tenon (K=Black, Z=Bronze, S=Silver, W=White, C=Custom)	RISE-MULTI-SMP-(K,Z,S,W,C)

DIMENSIONS - F170 4F



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