

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 QUADRUPLE YOUR LUMEN POWER, DELIVERING UP TO 11,200 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<sup>™</sup> LOCK FEATURE ALLOWS FOR FULL 180 DEGREE TILT AND 360 DEGREE PAN AIMABILITY OF EACH FIXTURE HEAD USING ONLY ONE TOOL.



**FEATURES :**

- UNIQUE BRACKETRY DESIGN FOR QUADRUPLE HEAD, SINGLE POINT INSTALLATION
- MACRO<sup>™</sup> LOCK - 180° TILT AND 360° PAN
- FULL UNIT TILT ADJUSTABILITY
- POWERFULL OUTPUT 4800-11200LMS
- 11 UNIQUE BEAM ANGLES
- MULTIVOLT (110V-277V)
- 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	22 - 2200K 25 - 2500K 27 - 2700K 30 - 3000K 35 - 3500K 40 - 4000K 50 - 5000K 65 - 6500K RD - Red GR - Green BL - Blue AM - Amber	8 - 80 9 - 90* X - For RD, GR, BL, AM  *90 CRI not available in 2200K, 2500K, 5000K, and 6500K	05 - Laser Spot (5°) 10 - Very Narrow Spot (10°) 15 - Narrow Spot (15°) 20 - Spot (20°) 40 - Flood (40°) 60 - Wide Flood (60°) 80 - Very Wide Flood (80°) 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 W - White C - Custom*  *Select color at pantone.com	X - No Accessory H - Half Snoot F - Full Snoot C - Custom  Will ship as X if not specified	C - 10' External (Exterior Rated Cable) Bottom Exit; UL/CE Rated

\*SEE PHOTOMETRY CHART FOR LUMEN DATA

PERFORMANCE	WATTS	POWER	LUMEN OUTPUT	OPTIC	EFFICACY	CBCP
	52	Low Output	5,284	5°	102	304,672
	104	Medium Output	8,956	5°	90	516,260
	156	High Output	11,628	5°	77	670,240

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

<b>COLOR RENDERING INDEX</b>	80+, 90+
<b>COLOR CONSISTENCY</b>	3-STEP MACADAM ELLIPSE

LUMEN DEPRECIATION / RATED LIFE	WATTS	L70 @ 25C	L70 @ 50C	L90 @ 25C	L90 @ 50C
	HIGH	>60,500* >(181,000)**	>36,3000* >(109,000)**	>60,500* >(69,800)**	>31,700*

\* 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

NOTE: Information on this Spec Sheet is subject to change, please visit [ecosenselighting.com/products/rise](http://ecosenselighting.com/products/rise) for the most updated information.

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RISE<sup>™</sup>, SLIM COVER<sup>™</sup>, FREEDOM TO CREATE<sup>™</sup>, MACRO<sup>™</sup>, FLIP-TO-FLAT<sup>™</sup> ARE TRADEMARKS OF ECOSENSE LIGHTING INC.

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<b>ELECTRICAL</b>	<b>WATTAGE</b> <b>POWER FACTOR</b> <b>THD</b> <b>OPERATING VOLTAGE DRIVER</b> <b>STARTUP TEMPERATURE</b> <b>OPERATING TEMPERATURE</b> <b>STORAGE TEMPERATURE</b>	LOW OUTPUT = 52W; MEDIUM OUTPUT = 104W; HIGH OUTPUT = 156W >0.9 for 120V (HO, MO, LO), 230V (HO, MO), 277V (HO) <0.2 for 120V (HO, MO, LO), 230V (HO, MO), 277V (HO) MULTIVOLT: 100V-277VAC, 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)	
<b>CONTROL</b>	<b>DIMMING</b>	110-277VAC, ELV TYPE, REVERSE PHASE, TRAILING EDGE	
<b>PHYSICAL</b>	<b>DIMENSIONS</b> <b>HOUSING/LENS</b> <b>WEIGHT</b> <b>ENVIRONMENT</b> <b>MOUNTING OPTIONS</b> <b>WIRING</b> <b>TOOLS</b>  <b>WIND LOAD (EPA)</b> <b>CORROSION RESISTANT</b>	SEE DIMENSION PAGES EXTRUDED ALUMINUM; UV STABILIZED POLYCARBONATE; STAINLESS STEEL FASTENERS 27.63LBS / 12.5KGS OUTDOOR • UL CERTIFIED FOR WET LOCATIONS IP66 IMPACT RATED TO IK10 C - EXTERNAL (EXTERIOR RATED CABLE) BOTTOM EXIT; UL/CE RATED MOUNTS ON ANY 2-3/8" PIPE OR TENON LENGTH OF EXTERIOR CABLE 10' (3.05m) SCREWS TO REPLACE THE LENS AND BEZEL: HEX 3mm; 1.25 ± 0.25 Nm SCREWS FOR MACRO LOCK™ PAN AND TILT: HEX 5mm; 27.0 ± 2.0 Nm SCREW FOR MAIN TILT ARM: HEX 6mm; 27.0 ± 2.0 Nm SET SCREWS FOR TENON MOUNT: HEX 4mm; 9.5 ± 0.5 Nm EFFECTIVE PROJECTED AREA 0.93ft <sup>2</sup> RISE HAS A HIGH-PERFORMING, CORROSION-RESISTANT FINISH THAT USES HIGH DURABILITY TRIGLYCIDYL ISOCYANURATE (TGIC) POWDER COATINGS SPECIFICALLY DESIGNED FOR EXTERIOR AND WEATHER EXPOSURE. THIS FINISH IS TESTED AGAINST THE MOST SEVERE SPECIFICATIONS, PROVIDING SIGNIFICANT RESISTANCE TO COLOR CHANGE.	

**FIXTURE RATING & CERTIFICATIONS** CE, UL CERTIFIED  
RoHS COMPLIANT, IK10



**LIMITED WARRANTY** 5 YEARS

**0-10V CONTROL OPTIONS**

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

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

**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**  
 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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