DATE	PROJECT	FIRM	TYPE

RISE IS A SYSTEM OF BEAUTIFULLY DESIGNED OUTDOOR RATED LUMINAIRES THAT PROVIDE EFFICIENT AND POWERFUL LIGHT USING THE LATEST IN LED TECHNOLOGY. RISE F080 SINGLE IS A POWERFUL AND COMPACT LED LIGHT FIXTURE, DELIVERING UP TO 1170 LUMENS, THAT CAN BE USED IN SPOT, ACCENT, LANDSCAPE AND FLOODLIGHT APPLICATIONS. ITS UNIQUE MACRO™ LOCK FEATURE ALLOWS FOR FULL 180 DEGREE TILT AND 360 DEGREE PAN AIMABILITY USING ONLY ONE TWIST.

FEATURES :

• POWERFUL CBCP
• EXTREMELY COMPACT
• POWERFUL OUTPUT UP TO 1170 LUMENS
• MACRO™ LOCK - 180° TILT AND 360° PAN
• 12 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
F080	1R - Single Round	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 *2200K and 2500K not available in 40°, 60°, 70° and 90°	8 - 80 9 - 90* X - For RD, GR, BL, AM *90 CRI not available in 2500K, 5000K, and 6500K	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 W - White C - Custom* *Provide RAL #	X - No Accessory H - Half Snoot F - Full Snoot Will ship as X if not specified	A - 19" Flying Leads - Internal Cable IC; Bottom Exit; 1/2" NPT ; UL/CE Listed B* - 10' External Cable Side Exit; Surface Mount ; UL Listed C* - 10' External Cable Bottom Exit; Surface Mount - 1/2" NPT ; UL Listed D* - 10' External Cable Side Exit; Surface Mount ; CE Listed E* - 10' External Cable Bottom Exit; Surface Mount - 1/2" NPT; CE Listed *Will ship as A if not specified

EXAMPLE: F080-1R-LO-22-8-05-S-X-A

*SEE PHOTOMETARY CHART FOR LUMEN DATA

PERFORMANCE	WATTS	POWER	LUMEN OUTPUT		EFFICACY		CBCP	
			5°	40°	5°	40°	5°	40°
	4	Low Output	309	429	76	107	21,991	705
	7.5	Medium Output	531	761	71	101	37,824	1,251
	11.5	High Output	744	1,120	65	99	53,048	1,874

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

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* >(109,000)**	>60,500* >(109,000)**	>60,500* >(109,000)**	>60,500* >(109,000)**
	MEDIUM	>60,500* >(109,000)**	>60,500* >(109,000)**	>60,500* >(109,000)**	>60,500* >(109,000)**
	HIGH	>60,500* >(181,000)**	>36,300*	>60,500* >(69,800)**	>33,200*

* 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/downloads/rise for the most updated information.

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ELECTRICAL	WATTAGE	LOW OUTPUT = 4W; MEDIUM OUTPUT = 7.5W; HIGH OUTPUT = 11.5W
	POWER FACTOR	>0.9 for 120V (HO, MO, LO), 230V (HO, MO), 277V (HO)
	THD	<0.2 for 120V (HO, MO, LO), 230V (HO, MO), 277V (HO)
	OPERATING VOLTAGE	MULTIVOLT: 110-277VAC, 50/60 Hz
	DRIVER	INTEGRAL TO FIXTURE; DE-RATED POWER AND SYNCHRONOUS START-UP AT FULL BRIGHTNESS
	STARTUP TEMPERATURE	-40˚F TO 122˚F (-40˚C TO 50˚C)
	OPERATING TEMPERATURE	-40˚F TO 122˚F (-40˚C TO 50˚C)
	STORAGE TEMPERATURE	-40˚F TO 176˚F (-40˚C TO 80˚C)
	SURGE PROTECTION	SURGE PROTECTION DEVICES WITH A MINIMUM DISCHARGE CURRENT RATING OF 20kA, THAT MEET UL1449, CSA C22.2 No. 269.1, AND IEC TR 62066, SHOULD BE INSTALLED ON EACH BRANCH CIRCUIT.

CONTROL	DIMMING	110-277VAC, ELV TYPE, REVERSE PHASE, TRAILING EDGE

PHYSICAL	DIMENSIONS	W 3.15" x H 7.6" x L 2.49" ; (80mm x 194.1mm x 63.25mm)
	HOUSING/LENS	EXTRUDED ALUMINUM; UV STABILIZED POLYCARBONATE; STAINLESS STEEL FASTENERS
	WEIGHT	2.0LBS ; (0.9KG)
	ENVIRONMENT	OUTDOOR • UL CERTIFIED FOR WET LOCATIONS IP66 IMPACT RATED TO IK10 MEETS 3G ANSI C136.31 VIBRATION STANDARD FOR BRIDGE APPLICATIONS
	MOUNTING OPTIONS	A - FLYING LEADS - INTERNAL CABLE IC; BOTTOM EXIT; 1/2" NPT ; UL/ CE RATED B - EXTERNAL CABLE SIDE EXIT; SURFACE MOUNT ; UL LISTED SURFACE MOUNT PLATE INCLUDED C - EXTERNAL CABLE BOTTOM EXIT; 1/2" NPT ; UL LISTED SURFACE MOUNT PLATE INCLUDED D - EXTERNAL CABLE SIDE EXIT; SURFACE MOUNT ; CE LISTED SURFACE MOUNT PLATE INCLUDED E - EXTERNAL CABLE BOTTOM EXIT; SURFACE MOUNT ; CE LISTED SURFACE MOUNT PLATE INCLUDED
	WIRING	LENGTH OF FLYING LEADS 19" (482.6mm) LENGTH OF EXTERNAL CABLE 10' (3.05m)
	TOOLS	2.5mm HEX KEY AND PHILLIPS #0 SCREWDRIVER FOR INTERCHANGEABLE LENS + SNOOTS 4mm HEX KEY FOR AIMING 5mm HEX KEY FOR MAIN TILT ARM
	WIND LOAD (EPA)	EFFECTIVE PROJECTED AREA 0.14ft^2
	CORROSION RESISTANT	RISE HAS 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	CE c UL us LISTED 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
Round Half Snoot, Color Finish (K=Black, Z=Bronze, S=Silver, W=White, C=Custom) .... F080-RH-(K,Z,S,W,C)
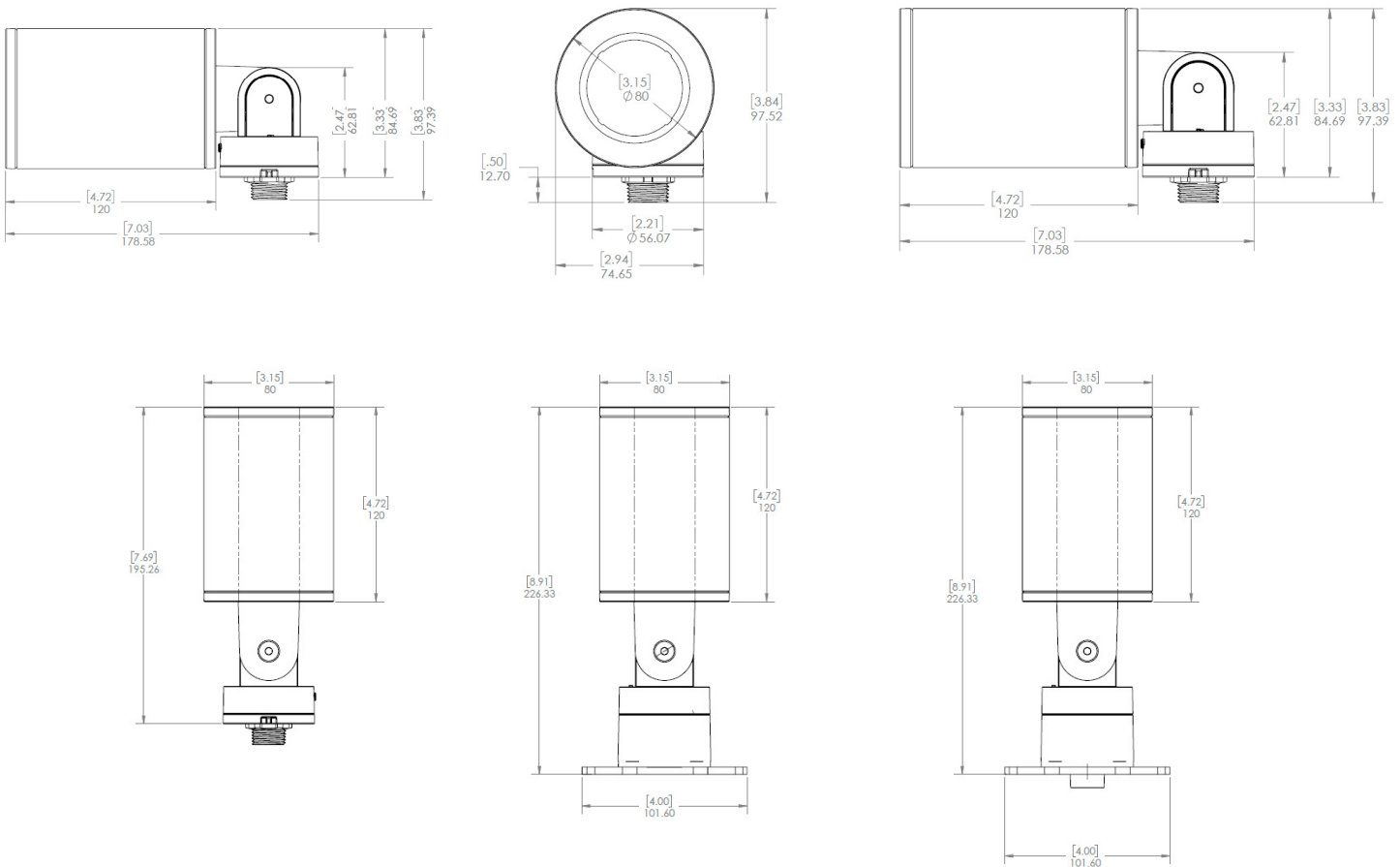Round Full Snoot, Color Finish (K=Black, Z=Bronze, S=Silver, W=White, C=Custom) .... F080-RF-(K,Z,S,W,C)

Interchangeble Lens
5 Degree F080-LENS-05
10 Degree F080-LENS-10
15 Degree F080-LENS-15
20 Degree F080-LENS-20
40 Degree F080-LENS-40
60 Degree F080-LENS-60
70 Degree F080-LENS-70
90 Degree F080-LENS-90
15x60 or 60x15 Degree F080-LENS-E1E3
30x60 or 60x30 Degree F080-LENS-E2E4
Full Set of Beam Angle Lens Degree (5, 10, 15, 20, 40, 60, 70, 90, 15X60 or 60X15, 30X60 or 60X30) F080-LENS-FULLSET

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RISE™, **SLIM COVE**™, **FREEDOM TO CREATE**™, **MACRO**™, **FLIP-TO-FLAT**™ ARE TRADEMARKS OF **ECOSENSE** LIGHTING INC.

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Honeycomb Louver
Honeycomb Louver F080.. F080-LV-HComb

Canopy Plate (Not for use with wire Option B - External Cable Side Exit)
RISE Canopy Plate (K=Black, Z=Bronze, S=Silver, W=White, C=Custom) .... RISE-CANOPY-04-(K,Z,S,W,C)

Color Filters
Red F080-FILTER-RED
Blue F080-FILTER-BLUE
Green F080-FILTER-GREEN
Amber F080-FILTER-AMBER

F080 Wall Mount Arm (for use only with Wiring Option C – External Cable Bottom Exit and not for use with multi-up fixtures)
Wall Mount Arm, 6 inch, Color Finish (K=Black, Z=Bronze, S=Silver, W=White, C=Custom) .... F080-WMA-06-(K,Z,S,W,C)
Wall Mount Arm, 12 inch, Color Finish (K=Black, Z=Bronze, S=Silver, W=White, C=Custom) .... F080-WMA-12-(K,Z,S,W,C)
Wall Mount Arm, 18 inch, Color Finish (K=Black, Z=Bronze, S=Silver, W=White, C=Custom) .... F080-WMA-18-(K,Z,S,W,C)
Wall Mount Arm, 24 inch, Color Finish (K=Black, Z=Bronze, S=Silver, W=White, C=Custom) .... F080-WMA-24-(K,Z,S,W,C)

Ground Stake (for use only with Wiring Option C – External Cable Bottom Exit and not for use with multi-up fixtures)
Landscape Stake, 12in (for use with F080 Single Head only, not for use with multi-fixture units) F080-LS-1S-STK-12
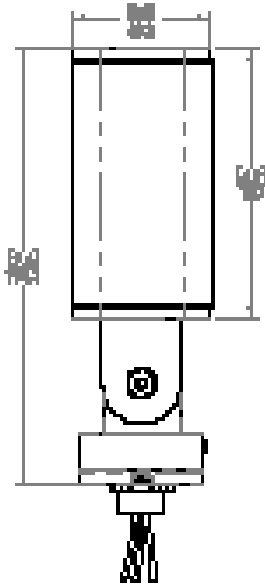
DIMENSIONS

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WIRING GUIDE
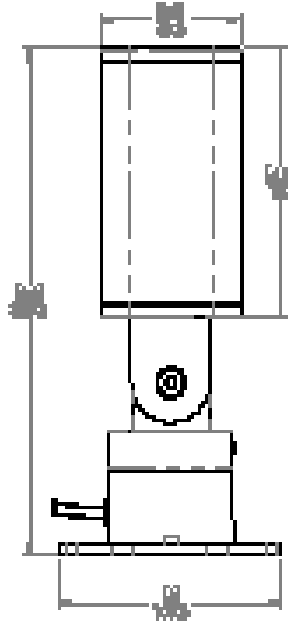
RISE is and exterior rated (IP66) fixture that is available in three different wiring options:
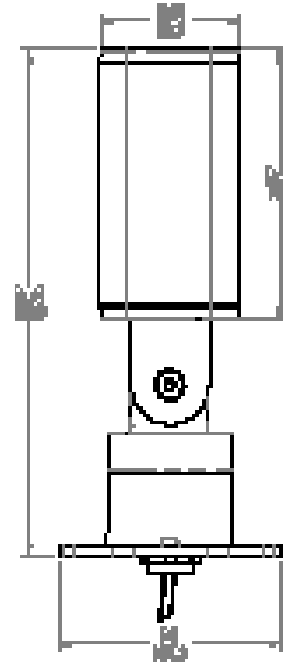
Flying Leads - Internal Cable
(UL Listed or CE Listed)

External Cable Side Exit
(UL Listed or CE Listed)

External Cable Bottom Exit
(UL Listed or CE Listed)

- For use with standard junction boxes
- 1/2" NPT Taper, Cable Length is 19"
- Compatible with EcoSense Canopy junction Box Cover
- 18 AWG Stranded Copper Cable - 3 Conductors

- For use when external, exterior rated cable is required to run to remote junction box or mains
- Cable exits the side of the base
- Comes with a Surface Mount Plate, for mounting direct to surface
- Cable Length is 10' (3.05m)

- For use when external, exterior rated cable is required to run to remote junction box or mains
- Cable exits the bottom for use with various accessories such as Wall Mount Arm and Ground Stake
- 1/2" NPT taper for mounting
- Comes with a Surface Mount Plate, for mounting direct to surface
- Cable Length is 10' (3.05m)

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