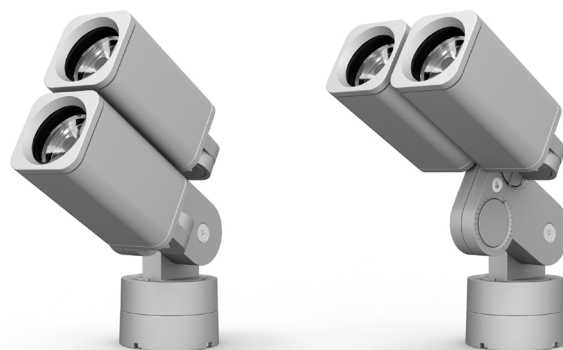


DATE	PROJECT	FIRM	TYPE
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RISE IS A SYSTEM OF BEAUTIFULLY DESIGNED OUTDOOR RATED LUMINAIRES THAT PROVIDE EFFICIENT AND POWERFUL LIGHT USING THE LATEST IN LED TECHNOLOGY. RISE F080 DUO IS A UNIQUE CONFIGURATION THAT PAIRS UP TWO RISE F080 SINGLES ALLOWING YOU TO DOUBLE YOUR LUMEN POWER, DELIVERING UP TO 2340 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 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 TWIST.

FEATURES:

- POWERFUL CBCP
- EXTREMELY COMPACT
- POWERFUL OUTPUT UP TO 2340 LUMENS
- MACRO™ LOCK - 180° TILT AND 360° PAN
- 12 UNIQUE BEAM ANGLES
- MULTIVOLT (110V-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
F080	2V - 2 Heads, Vertical Orientation 2H - 2 Heads, Horizontal Orientation	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	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

BUILD TO ORDER SHIPPING

*2200K and 2500K not available in 40°, 60°, 70° and 90°

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

PERFORMANCE	WATTS	POWER	LUMEN OUTPUT		EFFICACY		CBCP	
			5°	40°	5°	40°	5°	40°
*SEE PHOTOMETARY CHART FOR LUMEN DATA	8	Low Output	618	858	76	107	43,982	1,410
	15	Medium Output	1,062	1,522	71	101	75,623	2,502
	23	High Output	1,488	2,280	65	97	105,982	3,748

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

COLOR RENDERING INDEX COLOR CONSISTENCY

80+, 90+
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)*	>36,000*	>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

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ELECTRICAL	WATTAGE POWER FACTOR THD OPERATING VOLTAGE DRIVER STARTUP TEMPERATURE OPERATING TEMPERATURE STORAGE TEMPERATURE SURGE PROTECTION	LOW OUTPUT = 8 W; MEDIUM OUTPUT = 15 W; HIGH OUTPUT = 23 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: 110-277VAC, 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) 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	110-277 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 5.0 LBS / 2.26 KG OUTDOOR • UL CERTIFIED FOR MARINE GRADE APPLICATIONS • WET LOCATIONS • IP66 IMPACT RATED TO IK10 MEETS 3G ANSI C136.31 VIBRATION STANDARD FOR BRIDGE APPLICATIONS WHEN USED WITH SURFACE MOUNT PLATE (INCLUDED) OR WALL MOUNT ARMS (SOLD SEPERATLY) 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 LENGTH OF EXTERIOR CABLE 10' (3.05 m) 2.5 mm HEX KEY AND PHILLIPS #0 SCREWDRIVER FOR INTERCHANGEABLE LENS + SNOOTS 4 mm HEX KEY FOR AIMING 5 mm HEX KEY FOR MAIN TILT ARM EFFECTIVE PROJECTED AREA 2H=0.24 ft² ; 2V=0.39 ft² 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	UL1598A MARINE CERTIFIED CE, RoHS COMPLIANT, IK10	   
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LIMITED WARRANTY 5 YEARS

O-10V CONTROL OPTIONS

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
Full Snoot, Color Finish (K=Black, Z=Bronze, S=Silver, W=White, C=Custom) F080-F-(K,Z,S,W,C)
Half Multi-Fixture Snoot, Color Finish (K=Black, Z=Bronze, S=Silver, W=White, C=Custom) F080-HM-(K,Z,S,W,C)

Interchangeable Lens

If inner optic = 5°,
Desired angle Order the following spread 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
80 Degree F080-LENS-80
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, 80, 15X60 or 60X15, 30X60 or 60X30) F080-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			F080-LENS-10
60 Degree			F080-LENS-40
70 Degree			F080-LENS-60
90 Degree			F080-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)			F080-LENS-FULLSET

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

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

F080 Multi-Fixture (DUO, QUAD) Wall Mount Arm (for use only with Wiring Option C - External Cable Bottom Exit)			
Wall Mount Arm, 6 inch, Color Finish (K=Black, Z=Bronze, S=Silver, W=White, C=Custom)			F170-WMA-06-(K,Z,S,W,C)
Wall Mount Arm, 12 inch, Color Finish (K=Black, Z=Bronze, S=Silver, W=White, C=Custom)			F170-WMA-12-(K,Z,S,W,C)
Wall Mount Arm, 18 inch, Color Finish (K=Black, Z=Bronze, S=Silver, W=White, C=Custom)			F170-WMA-18-(K,Z,S,W,C)
Wall Mount Arm, 24 inch, Color Finish (K=Black, Z=Bronze, S=Silver, W=White, C=Custom)			F170-WMA-24-(K,Z,S,W,C)

Ground Stake (for use only with Wiring Option C - External Cable Bottom Exit)			
Landscape Stake, 12 in, Black (for use with F170 Single or F080 Multi-Head fixtures).....			F170-LS-1S-STK-12

Perma Post (for use only with Wiring Option A, C, or E - For use with Single and Multi-up fixtures)			
Perma Post and Cap - 19" x 2-3/4", Black, Post and Cap with 1/2" NPT female thread			RISE-PERMA-POST-19

Slip Fitter (for use only with Wiring Option A, C, or E - For use with Single and Multi-up fixtures)			
Slip Fitter, 2-3/8" post, 1/2" NPT female threads, Color Finish (K=Black, Z=Bronze, S=Silver, W=White, C=Custom)			RISE-SLIP-FITTER-(K,Z,S,W,C)

Canopy Plate (Not for use with Option B or D - External Cable Side Exit)			
Canopy Plate, 4" Dia Round J-Box Cover, 1/2" NPT female thread (K=Black, Z=Bronze, S=Silver, W=White, C=Custom)			RISE-CANOPY-04-(K,Z,S,W,C)

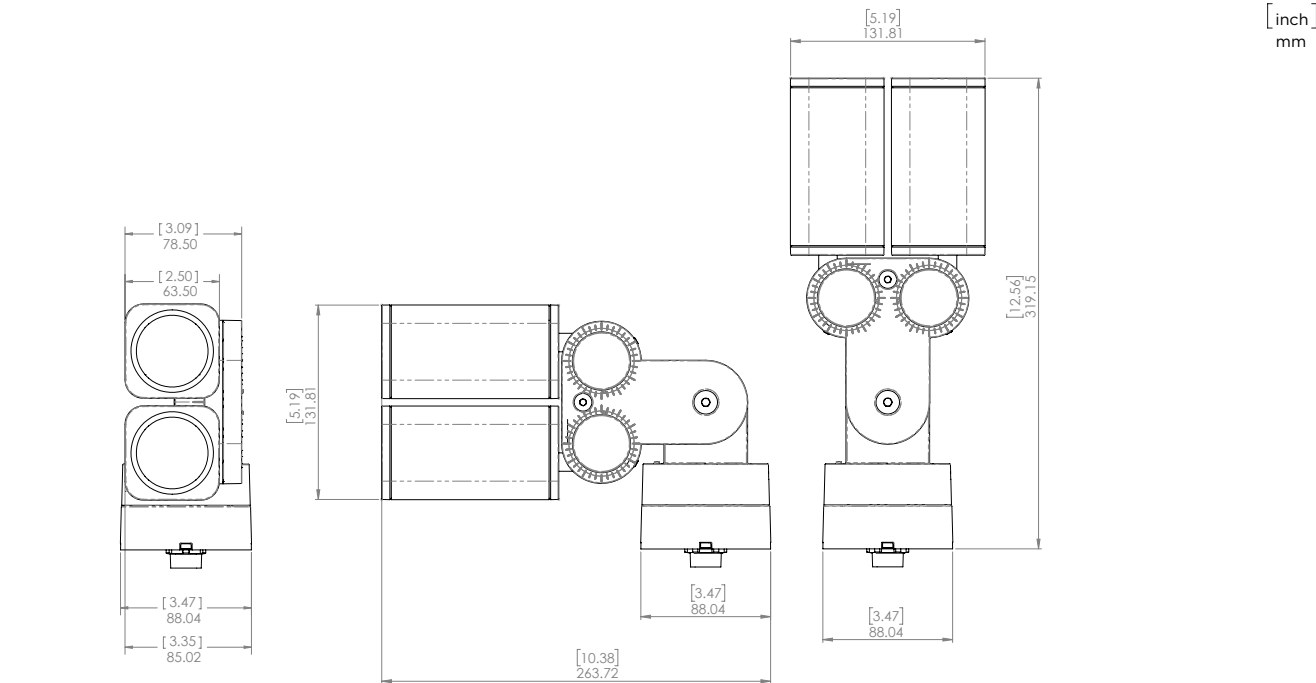
Junction Box Cover (Not for use with Option B or D - External Cable Side Exit)			
Junction Box Cover, 2x4, Single 1/2" NPT female thread, Silver Grey.....			RISE-JBC-RABR14

Tree Strap (Not for use with Option B or D - External Cable Side Exit)			
Tree mount with strap and junction box and cover, 72" strap for 23" diameter trees, Bronze.....			RISE-CANOPY-04-(K,Z,S,W,C)

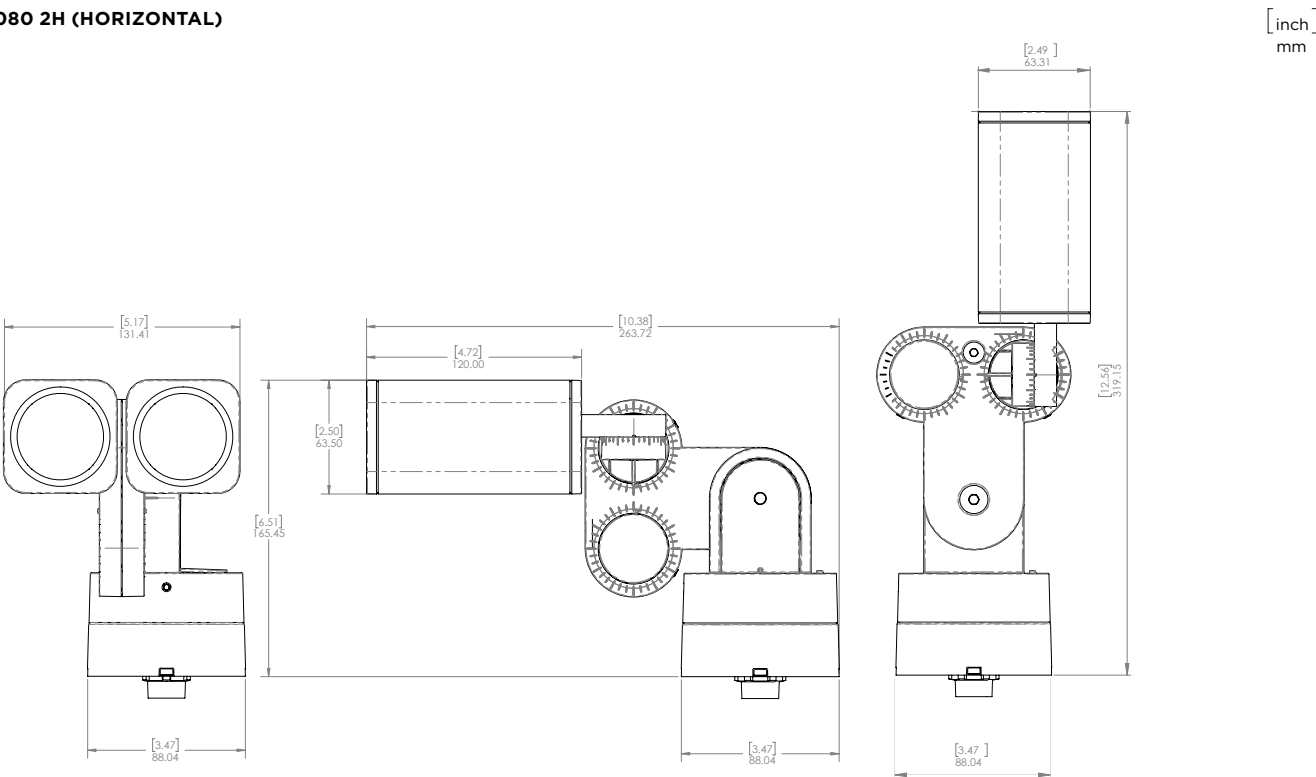
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DIMENSIONS - F080 2V (VERTICAL)



DIMENSIONS - F080 2H (HORIZONTAL)



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