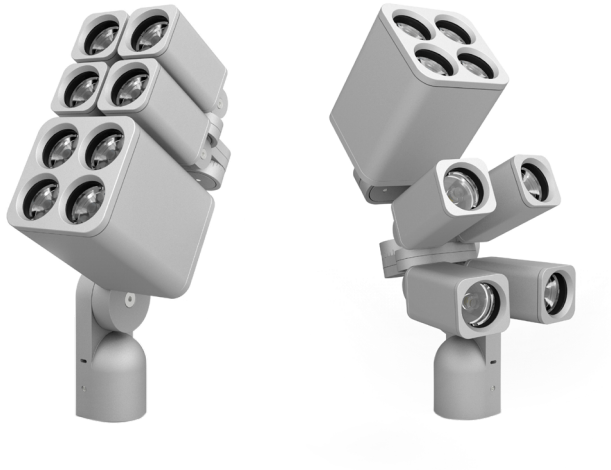
DATE	PROJECT	FIRM	TYPE

RISE IS A SYSTEM OF BEAUTIFULLY DESIGNED OUTDOOR RATED LUMINAIRES THAT PROVIDE EFFICIENT AND POWERFUL LIGHT USING THE LATEST IN LED TECHNOLOGY. RISE F170 QUAD IS A UNIQUE CONFIGURATION THAT GROUPS FOUR RISE F080 SINGLE FIXTURES AND ONE RISE F170 SINGLE FIXTURE ALLOWING YOU TO ILLUMINATE THE MOST CHALLENGING APPLICATIONS. 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 9,130 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**
F380								
F380	5B - 4 F080 Heads + 1 F170 Head On Bottom 5T - 4 F080 Heads + 1 F170 Head On Top	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 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 - 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	C - 10' Exterior Rated Cable, Bottom Exit, 2-3/8" Tenon Mount; UL Listed E* - Exterior Rated Cable, Bottom Exit, 2-3/8" Tenon Mount; CE Listed

*SEE PHOTOMETARY CHART FOR LUMEN DATA

PERFORMANCE	WATTS	POWER	LUMEN OUTPUT		EFFICACY		CBCP	
			5°	40°	5°	40°	5°	40°
	29	Low Output	2,515	3,349	97	115	144,975	5,681
	55	Medium Output	4,262	5,999	82	109	245,682	10,180
	84	High Output	5,756	8,910	74	106	331,782	15,116

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/products/rise for the most updated information.

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837 NORTH SPRING STREET
SUITE 103
LOS ANGELES, CA 90012

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DATE	PROJECT	FIRM	TYPE

ELECTRICAL	**WATTAGE**	LOW OUTPUT = 29 W; MEDIUM OUTPUT = 55 W; HIGH OUTPUT = 84 W
	POWER FACTOR	>0.9 for 120 V (HO, MO, LO), 230 V (HO, MO), 277 V (HO)
	THD	<0.2 for 120 V (HO, MO, LO), 230 V (HO, MO), 277 V (HO)
	OPERATING VOLTAGE	MULTIVOLT: 100-277 VAC, 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**	110-277 VAC, ELV TYPE, REVERSE PHASE, TRAILING EDGE
PHYSICAL	**DIMENSIONS**	W 6.9" x H 16.04" x L 11.97" ; (175.25 mm x 407.5 mm x 303.99 mm)
	HOUSING/LENS	EXTRUDED ALUMINUM; UV STABILIZED POLYCARBONATE; STAINLESS STEEL FASTENERS
	WEIGHT	30.0 LBS / 13.6 KG
	ENVIRONMENT	OUTDOOR • UL CERTIFIED FOR WET LOCATIONS IP66 IMPACT RATED TO IK10
	MOUNTING OPTIONS	C - EXTERNAL CABLE BOTTOM EXIT; 2-3/8" TENON MOUNT; UL LISTED E - EXTERNAL CABLE BOTTOM EXIT; 2-3/8" TENON MOUNT; CE LISTED
	WIRING	LENGTH OF EXTERIOR CABLE 10' (3.05m)
	TOOLS	SCREWS TO REPLACE THE LENS AND BEZEL ON F080: HEX 2.5 mm; 0.85 ± 0.15 Nm SCREWS TO REPLACE THE LENS AND BEZEL ON F170: HEX 3 mm; 1.25 ± 0.25 Nm SCREWS FOR MACRO LOCK™ PAN AND TILT ON F080: HEX 4 mm; 2.7 ± 0.5 Nm SCREWS FOR MACRO LOCK™ PAN AND TILT ON F170: 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
	WIND LOAD (EPA)	EFFECTIVE PROJECTED AREA 0.91 ft^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 · UL MX -NOM *120V Only
LIMITED WARRANTY	**5 YEARS**	

0-10V 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. 0-10V Control options required for operation at 0-10V.

OPTIONAL ACCESSORIES

F080 Snoots

Half Snoot, Color Finish (K=Black, Z=Bronze, S=Silver, W=White, C=Custom) ..... **F080-H-(K,Z,S,W,C)**
Full Snoot, Color Finish (K=Black, Z=Bronze, S=Silver, W=White, C=Custom) ..... **F080-F-(K,Z,S,W,C)**

F170 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)**

F080 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**

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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

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

F170 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

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 F080..... F080-LV-HComb
Honeycomb Louver F170..... F170-LV-HComb

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

F170 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)

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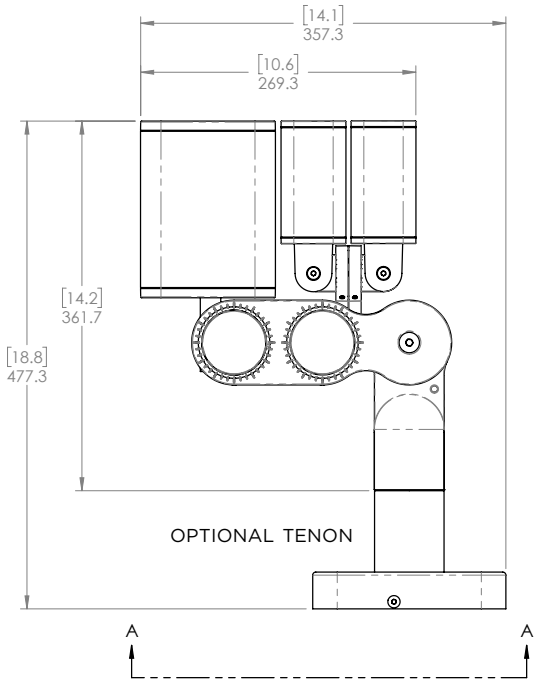
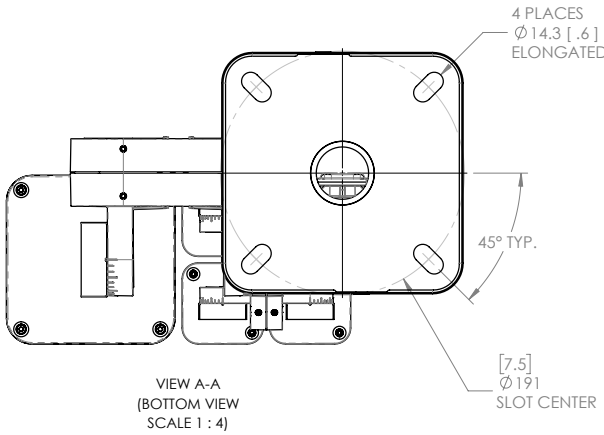
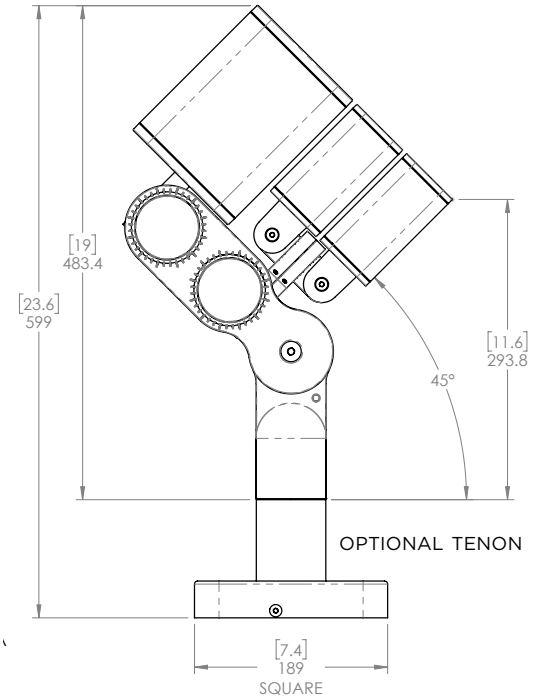
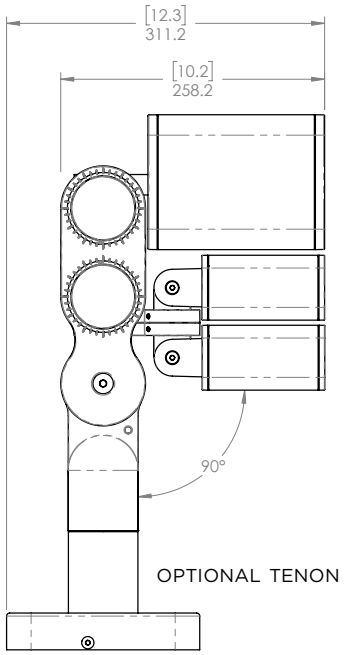
DATE	PROJECT	FIRM	TYPE

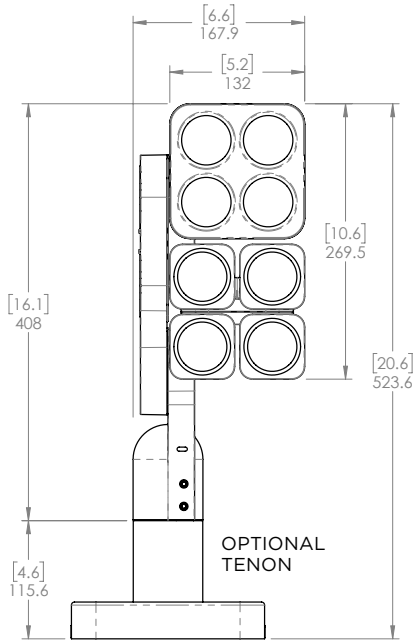
DIMENSIONS – F380 5T (F170 POSITIONED ON TOP)











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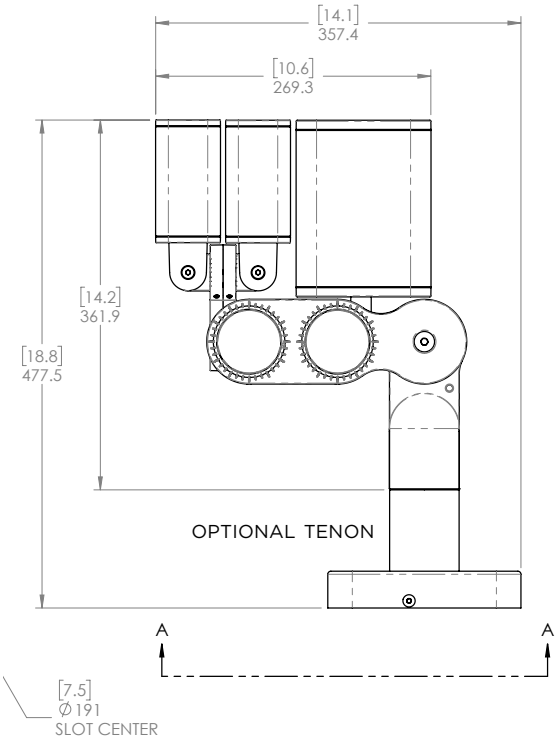
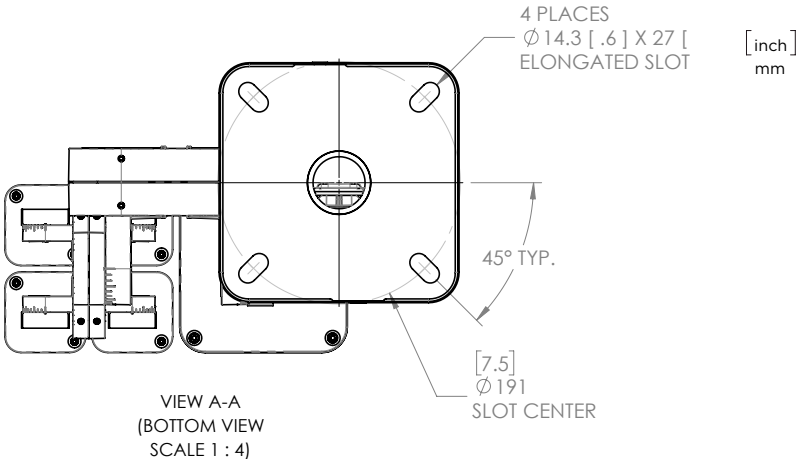
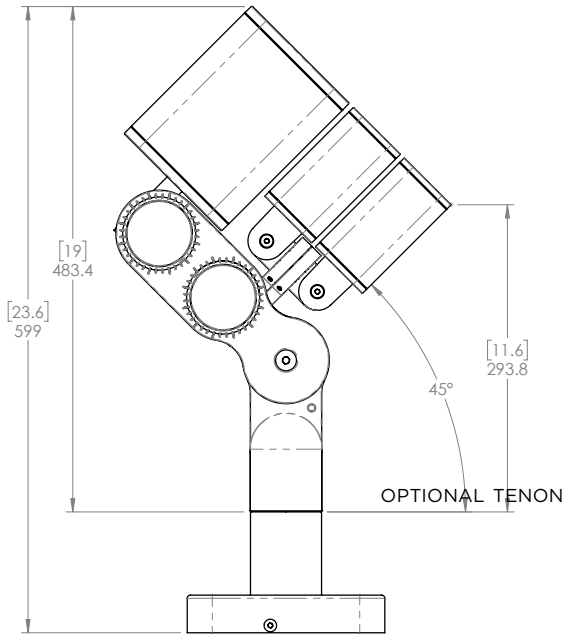
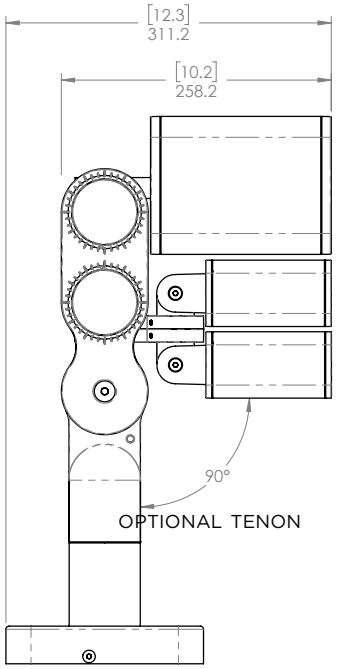
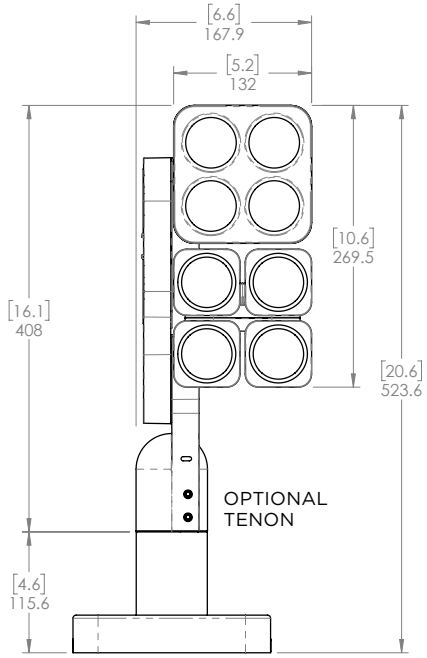
DIMENSIONS – F380 5B (F170 POSITIONED ON BOTTOM)











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