

MOON SURFACE

Dynamic White | RGBW



DESCRIPTION

Designed to elevate landscapes and architectural features in both residential and commercial spaces, MOON is an advanced LED luminaire offering nuanced accent lighting to evoke emotions through soft lighting effects. This adaptable luminaire provides decorative and functional lighting, ideal for paths, gardens, and architectural elements in various settings. With five finish options, a brass swivel, and sleek installation, it's a versatile choice. Additional versions provide design flexibility, while various optics create diverse visual effects. The external power supply enables easy management of multiple units.



Date: _____ Type: _____ Catalog Number: _____

Project Name: _____

ORDERING INFORMATION

LUMINAIRE								
MODEL	SWIVEL	CCT	CONTROL	CABLE	VOLTAGE	OPTIC *	FINISH	OPTION
MOON-SF Moon Surface	BS Brass Swivel	RGBW30K RGBW 3000K White	DMX-RDM DMX/RDM	M Monocable Without Connectors (39.3")	UNV 120 - 277V	NB Narrow 14°	AG Anthracite Grey	AST Anti-Saline Treatment
	LH Lockable Head	RGBW40K RGBW 4000K White				MB Medium 23°	BL Black	LVR Internal Honeycomb Louver
	OT One Tone Finish	DW Dynamic White (3000K to 6500K)				WB Wide 35°	SG Griven Silver Grey	
						EW Extra Wide 56°	OG Olive Grey	
							WH White	
							CC Custom RAL Color	

*Consult factory for availability of other optical options.

See Page 4 for ordering information of available accessories.

		MOON SURFACE		
PHYSICAL	HOUSING	Die-Cast Aluminum		
	LENS	Tempered Glass		
	SWIVEL	Brass (One-Tone Finish) or Aluminum (Lockable Head)		
	DRIVER LOCATION	Remote (Sold Separately)		
	DIMENSIONS <small>(90° Housing Orientation)</small>	Brass Swivel & One-Tone Finish	Lockable Head	
		4.96" L x ø2.36" (housing)	5.43" L x 2.64" W x ø2.36" (housing)	
	WEIGHT	1.1 Pounds		
OPERATING TEMPERATURE	-40°F to 122°F (-40°C to 50°C)			

ELECTRICAL	POWER	9 Watts	
	CURRENT	0.08 amps at 120 volts 0.03 amps at 277 volts	
	CONTROL	DMX/RDM	
	CABLE	Power & DMX Cable Without Connectors	
	CABLE LENGTH	39.3"	

PHOTOMETRIC	LED	Dynamic White (2700K-6500K)	RGBW 3000K	RGBW 4000K
	DELIVERED LUMEN OUTPUT	up to 413 lumens	up to 222 lumens	up to 242 lumens
	EFFICACY	up to 46 lumens per watt	up to 25 lumens per watt	up to 27 lumens per watt
	LUMEN MAINTENANCE	L70 > 100,000 Hours at 77°F*		
	LIGHT CONTROL ACCESSORIES	Snoot, Visor, Diffusers, Honeycomb Louvers Available		

LIGHT DISTRIBUTIONS	DISTRIBUTION	BEAM ANGLE	LUMENS	EFFICACY	MAX. CANDELA
	DYNAMIC WHITE				
	Narrow	14°	413	46	5514
	Medium	23°	329	37	1519
	Wide	35°	336	37	808
	Extra Wide	56°	339	38	402
RGBW 3000K					
	Narrow	14°	222	25	2964
	Medium	23°	178	20	822
	Wide	35°	181	20	435
	Extra Wide	56°	183	20	217
RGBW 4000K					
	Narrow	14°	242	27	3225
	Medium	23°	193	21	892
	Wide	35°	197	22	473
	Extra Wide	56°	199	22	236

Values based on full output.

CERTIFICATIONS	SAFETY	ETL Certified for Wet Locations	
	INGRESS PROTECTION	IP67	
	IMPACT RATING	IK08	
	WARRANTY	Five Year Limited Warranty	

* LED life may vary under actual field conditions due to external factors. Lifetime estimates are generated from actual testing in a controlled environment. Values are conservatively derived from those numbers.

MOON SURFACE

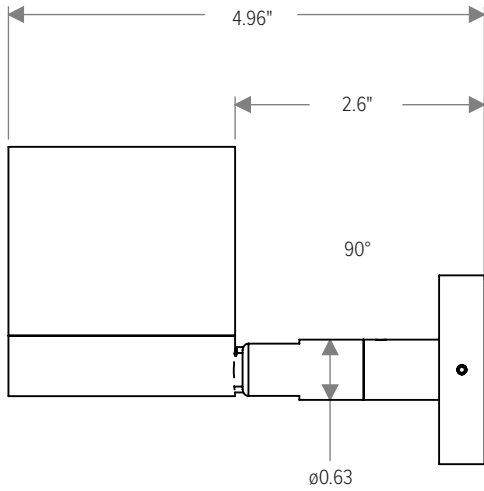
Dynamic White | RGBW



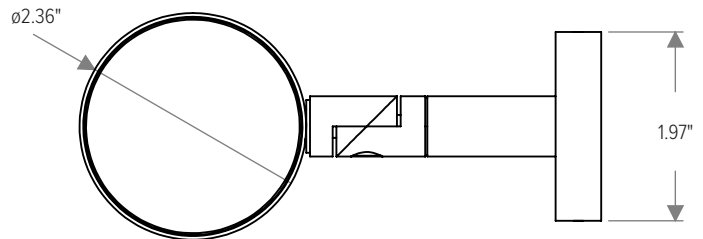
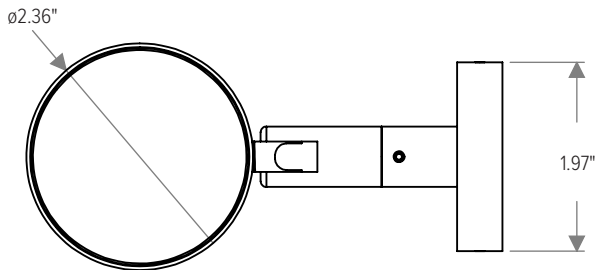
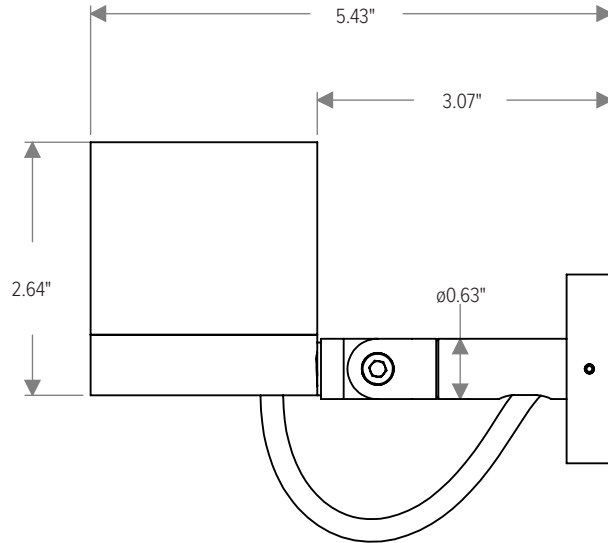
DIMENSIONS

All dimensions are shown in inches unless otherwise noted.

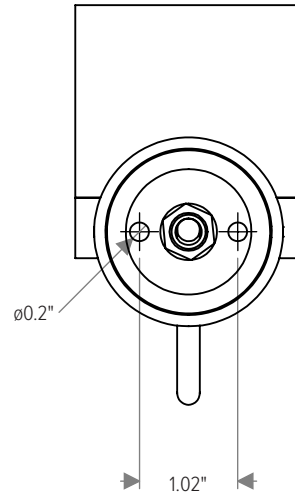
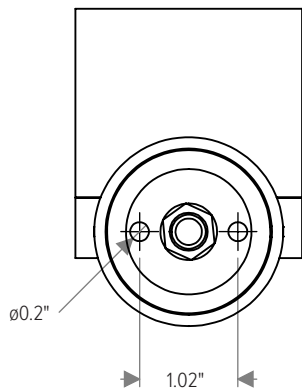
Moon Surface with Brass Swivel or One-Tone Finish



Moon Surface with Lockable Head



MOUNTING



ACCESSORIES

NOTE: Accessories are ordered and shipped separately from luminaire for field installation.

-XX* indicates a painted accessory. See bottom of page for painted accessory ordering information.

OPTICAL ACCESSORIES- FOR USE WITH ACCESSORY HOLDER (MOON-ACC-HLDR)



MOON-ACC-HLDR-XX*
Accessory Holder



MOON-ACC-RFCTR-EL
Refractor for Elliptical Distribution



MOON-ACC-DFG
Diffuser Glass



MOON-ACC-PRG
Prismatic Glass



MOON-ACC-SNOOT-XX*
Snoot

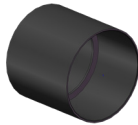


MOON-ACC-VISOR-XX*
Visor



MOON-ACC-LVR
External Honeycomb Louver

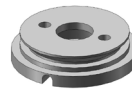
ADDITIONAL ACCESSORIES



MOON-SNOOT-XX*
Snoot



MOON-VISOR-XX*
Visor



MOON-WLMT-XX*
Wall Mount Plate
for Side-Run Cable



MOON-PLMT-XX*
Pole/Tree Mount Kit

ORDERING INFORMATION

PAINTED ACCESSORIES

MODEL		FINISH (*-XX)		OPTION	
MOON-ACC-HLDR	Accessory Holder	AG	Anthracite Grey	AST	Anti-Saline Treatment
MOON-ACC-SNOOT	Accessory Holder Snoot	BL	Black		
MOON-ACC-VISOR	Accessory Holder Visor	SG	Griven Silver Grey		
MOON-SNOOT	Snoot	OG	Olive Grey		
MOON-VISOR	Visor	WH	White		
MOON-WLMT	Wall Mount Plate	CC	Custom RAL Color		
MOON-PLMT	Pole/Tree Mount Kit				

PHOTOMETRICS

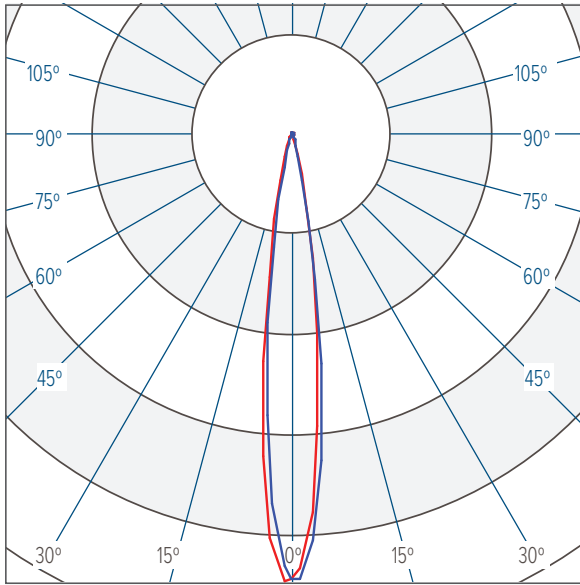
NOTE: Values shown below reflect Dynamic White CCT.

For RGBW 3000K, apply a 0.54 prorate factor. For RGBW 4000K, apply a 0.59 prorate factor.

NARROW 14°

CBCP 5514 @ 413 lumens

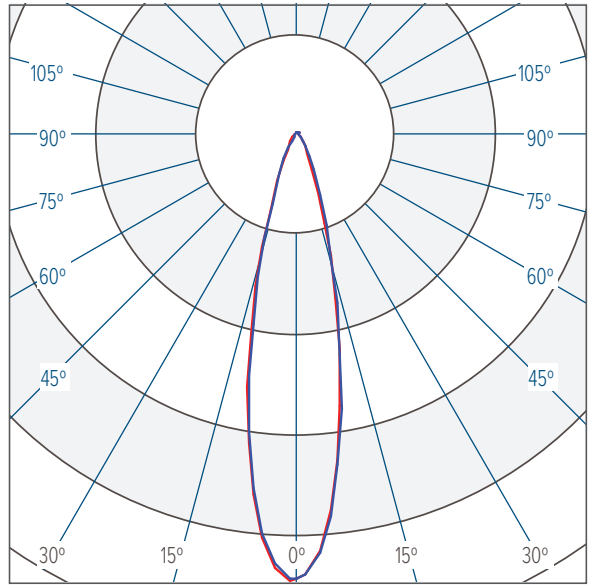
— Horizontal
— Vertical



MEDIUM 23°

CBCP 1519 @ 329 lumens

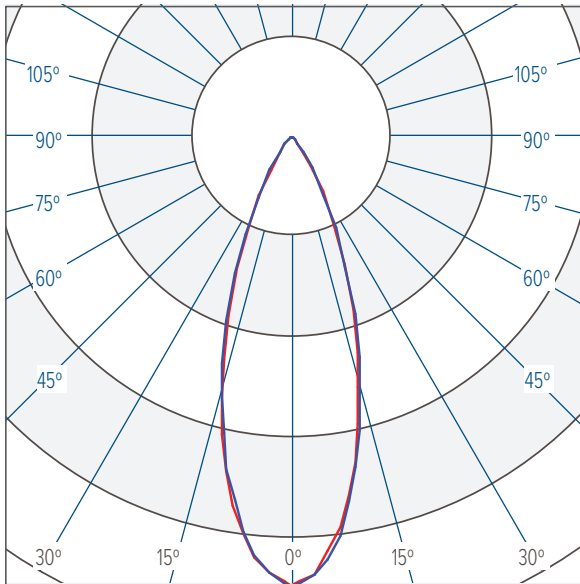
— Horizontal
— Vertical



WIDE 35°

CBCP 808 @ 336 lumens

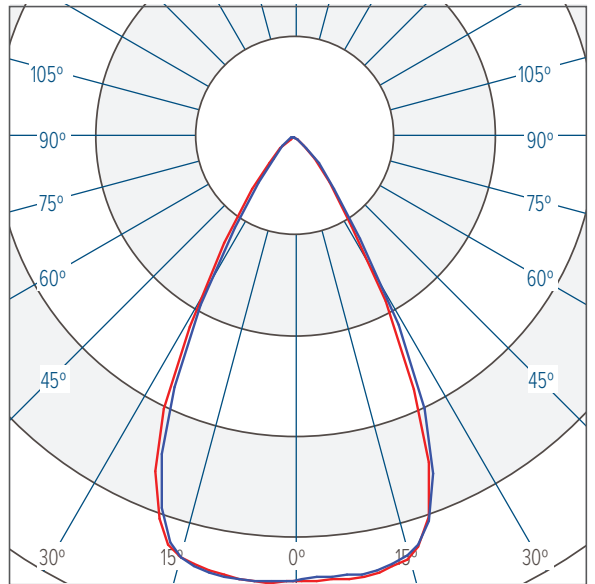
— Horizontal
— Vertical



EXTRA WIDE 56°

CBCP 217 @ 183 lumens

— Horizontal
— Vertical



RGBW DMX MODES			
MODE	CHANNEL	FUNCTION	VALUE
Mode 4 Channel- "RGBW 4CH"			
#1	1	0-100% Red	0-255
	2	0-100% Green	0-255
	3	0-100% Blue	0-255
	4	0-100% White	0-255
Mode 5 Channel- "RGBW 5CH"			
#2	1	0-100% Red	0-255
	2	0-100% Green	0-255
	3	0-100% Blue	0-255
	4	0-100% White	0-255
	5	0-100% Dimmer	0-255
Mode 6 Channel- "RGBW 6CH"			
#3	1	0-100% Red	0-255
	2	0-100% Green	0-255
	3	0-100% Blue	0-255
	4	0-100% White	0-255
	5	0-100% Dimmer	0-255
	6	No Strobe	0-5
		0-100% Strobe	6-250
100% Strobe		251-255	
Mode 4 Channel- "RGBW MIX"			
#4	1	0-100% Red	0-255
	2	0-100% Green	0-255
	3	0-100% Blue	0-255
	4	0-100% Calibrated White (affects RGB channels)	0-255
DYNAMIC WHITE DMX MODES			
MODE	CHANNEL	FUNCTION	VALUE
Mode 2 Channel- "Dynamic White 2CH"			
#1	1	Warm White 100% / Cold White 0%	0-003
		Warm White 100% / Cold White 0%-100%	004-122
		Warm White 100% / Cold White 100%	123-132
		Warm White 100%-0% / Cold White 100%	133-251
		Warm White 0% / Cold White 100%	252-255
2	Dimmer 0-100%	0-255	
Mode 2 Channel- "Separate White 2CH"			
#2	1	0%-100% Warm White	0-255
	2	0%-100% Cold White	0-255

Note: In the absense of DMX signal, LEDs will remain on.