

# MOON SURFACE

Static White



## 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	27K 2700K	DIM 0-10v Dimming	P Power In (39.3")	UNV 120 - 277V via Remote Power Supply	US Ultra-Spot 7°	AG Anthracite Grey	AST Anti-Saline Treatment
	LH Lockable Head	30K 3000K				NB Narrow 18°	BL Black	LVR Internal Honeycomb Louver
	OT One-Tone Finish	40K 4000K				MB Medium 25°	SG Griven Silver Grey	
						WB Wide 35°	OG Olive Grey	
						EW Extra Wide 50°	WH White	
						ELH Elliptical Horizontal 65° H x 22° V	CC Custom RAL Color	

Custom solutions are available; consult factory via phone at (864) 487-3535 ext. 258 or via email at DesignServices@EXP-Brands.com.

See Page 4-5 for ordering information of required and 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 (90° Housing Orientation)	Brass Swivel & One-Tone Finish
		Lockable Head
	WEIGHT	1.1 Pounds
OPERATING TEMPERATURE		-40°F to 122°F (-40°C to 50°C)

ELECTRICAL	POWER	Narrow/Medium/Wide/Extra-Wide/Elliptical	Ultra-Spot
		12.5 Watts	3 Watts
	CURRENT	Constant Current @ 350mA	Constant Current @ 1A
	FORWARD VOLTAGE	35V	3V
	REMOTE POWER SUPPLY	Narrow/Medium/Wide/Extra-Wide/Elliptical	Ultra-Spot
		RMTPS-UNV-25-350-DIM 0-10v Dimmable Remote Driver Mounted in Enclosure Driver Powers 1 Luminaire; Enclosure Accommodates 2 Drivers	RMTPS-UNV-50-800-DIM 0-10v Dimmable Remote Driver Mounted in Enclosure Driver Powers Between 1 to 15 Luminaires Wired in Series
	CONTROL	0-10v Dimming via Remote Driver (120-277v)	
	CABLE	Power In	
CABLE LENGTH		39.3"	

PHOTOMETRIC	LED	2700K	3000K	4000K
	DELIVERED LUMEN OUTPUT	up to 1372 lumens	up to 1393 lumens	up to 1499 lumens
	EFFICACY	up to 110 lumens per watt	up to 111 lumens per watt	up to 120 lumens per watt
	LUMEN MAINTENANCE	L70 > 100,000 Hours at 77°F*		
	LIGHT CONTROL ACCESSORIES	Snoot, Visor, Diffusers, Honeycomb Louvers Available		

Values reflect delivered lumens at full output.

LIGHT DISTRIBUTIONS	CCT	DATA	DISTRIBUTION / BEAM ANGLE					
			Ultra-Spot	Narrow	Medium	Wide	Extra-Wide	Elliptical
			7°	18°	25°	35°	50°	65° X 22°
	2700K	LUMENS	233	1372	1366	1218	1213	817
		EFFICACY	78	110	109	97	97	97
		MAX. CANDELA	7570	10317	5888	2953	1782	1556
	3000K	LUMENS	233	1393	1387	1237	1233	826
		EFFICACY	78	111	111	99	99	98
		MAX. CANDELA	7557	10475	5979	2999	1811	1573
	4000K	LUMENS	251	1499	1492	1330	1325	888
		EFFICACY	84	120	119	106	106	106
		MAX. CANDELA	8155	11271	6433	3225	1947	1691

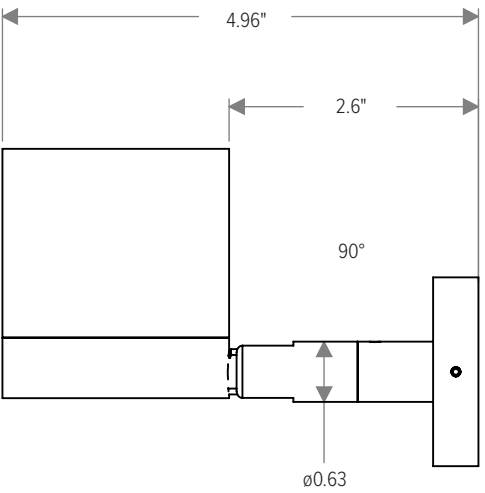
Values based on full output.

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

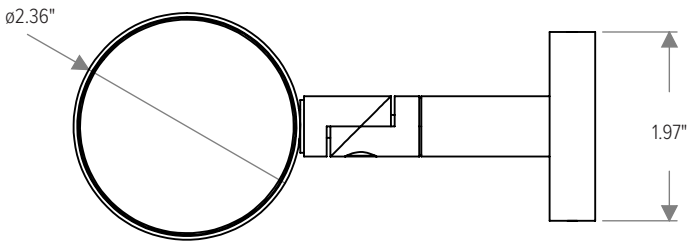
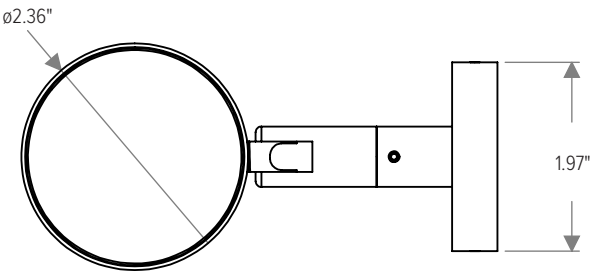
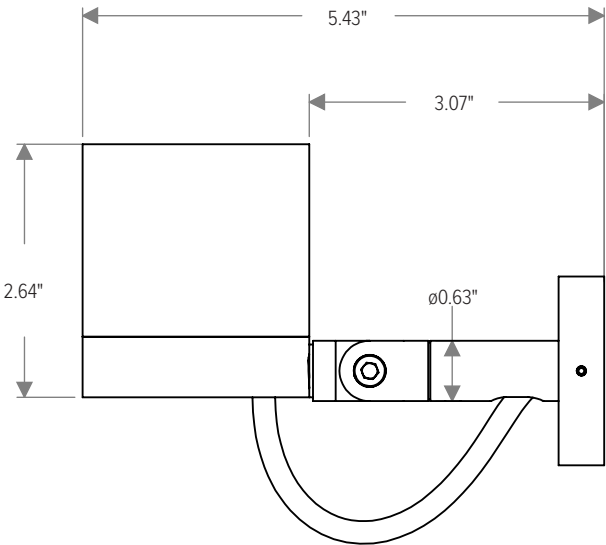
DIMENSIONS

All dimensions are shown in inches unless otherwise noted.

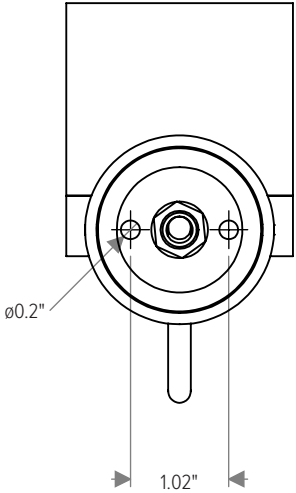
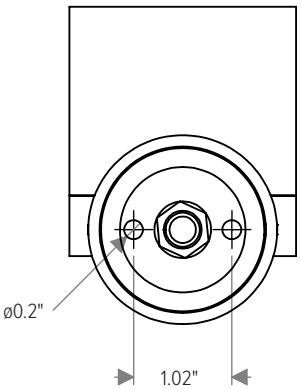
*Moon Surface with Brass Swivel or One-Tone Finish*



*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



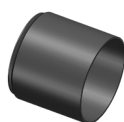
**MOON-ACC-RFCTR-EL**  
Refractor for Elliptical Distribution



**MOON-ACC-DFG**  
Diffuser Glass



**MOON-ACC-PRG**  
Prismatic Glass



**MOON-ACC-SNOOT-XX\***  
Snoot



**MOON-ACC-VISOR-XX\***  
Visor

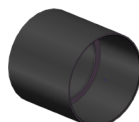


**MOON-ACC-LVR**  
External Honeycomb Louver

### ADDITIONAL ACCESSORIES



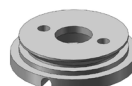
**IR-CONFIG-REMOTE**  
Infrared DMX Configuration Remote



**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

*Additional Control and Installation Solutions are available online; click [here](#) to view available options.*

## ORDERING INFORMATION

### PAINTED ACCESSORIES

MODEL		FINISH (*-XX)		OPTION	
MOON-ACC-HLDR	Accessory Holder	AG	Anthraccite 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				

## ACCESSORIES (continued)

### REMOTE POWER SUPPLY (Required, Ordered Separately)

#### MODEL

##### RMTPS-UNV-25-350-DIM

Remote Power Supply with Enclosure for Moon Surface Static White with Narrow, Medium, Wide, Extra-Wide, or Elliptical Optics

Powers and Controls 1 Luminaire

Enclosure Dimensions: 4 5/8" L x 3 1/2" W x 2 1/2" H

Enclosure is Suitable for 2 Drivers (specify when ordering)

15 Watts Output Maximum

25-42 Output Volts

0-10V Dimming Protocol; Dimming Range from 100% to 5%

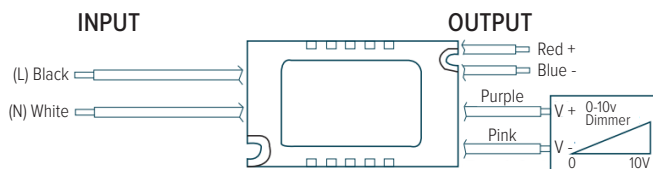
Universal Input Voltage Range: 120 to 277 VAC

Input Frequency Range: 50/60 Hz

Driver Life Expectancy: 50,000 Hours

2kV Surge Protection

IP66 Rated



Driver Enclosure

##### RMTPS-UNV-50-800-DIM

Remote Power Supply with Enclosure for Moon Surface Static White with Ultra-Spot Optics

Powers and Controls Between 1 to 15 Luminaires Wired in Series

Enclosure Dimensions: 3.9" x 7.9" x 3.2"

50 Watts

0-10v Dimming Control, Dimming Range from 100% to 1%

Universal Input Voltage Range: 120 to 277VAC

Input Frequency Range: 50 to 60Hz

Maximum Input Current: 0.65A @ 120V; 0.36A @ 230V; 0.30A @ 277V

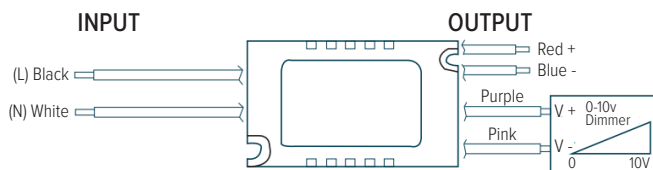
Efficiency at Full Load: 87.5%

Power Factor at Full Load: >0.95

Surge Protection: 2kV

IP66 / IK09 Rated

\*Note: To individually control separate luminaires, one driver per luminaire is required.



Driver Enclosure

Additional Control and Installation Solutions are available online; [click here to view available options](#).

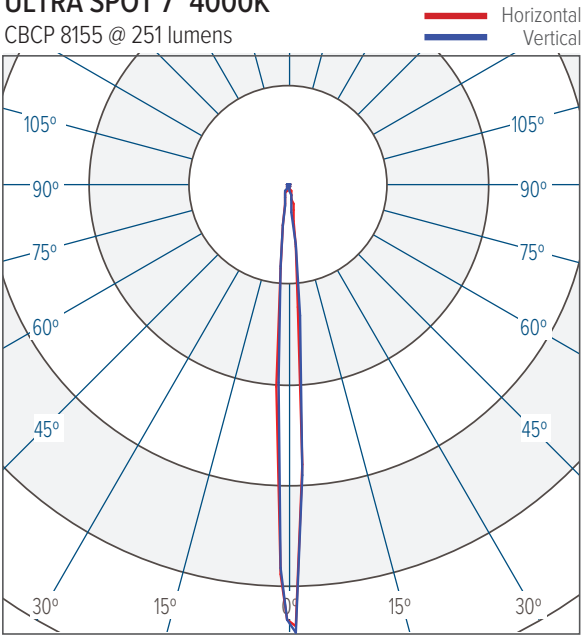
PHOTOMETRICS

NOTE: Values shown below reflect 4000K CCT.

For 2700K, apply a 0.92 prorate factor. For 3000K, apply a 0.93 prorate factor.

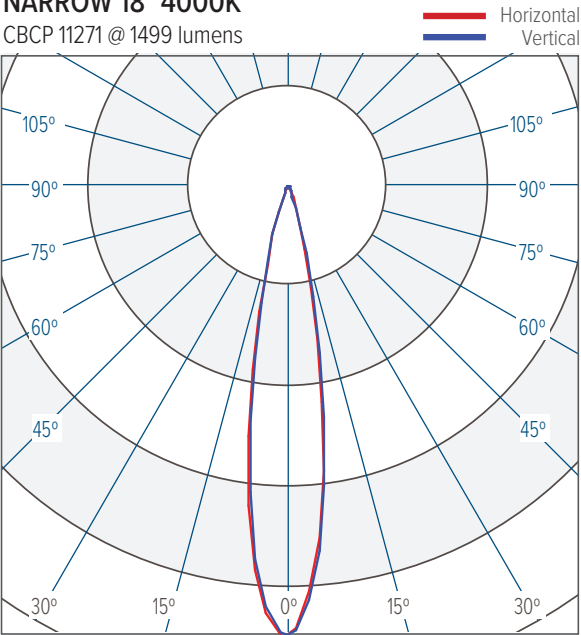
ULTRA SPOT 7° 4000K

CBCP 8155 @ 251 lumens



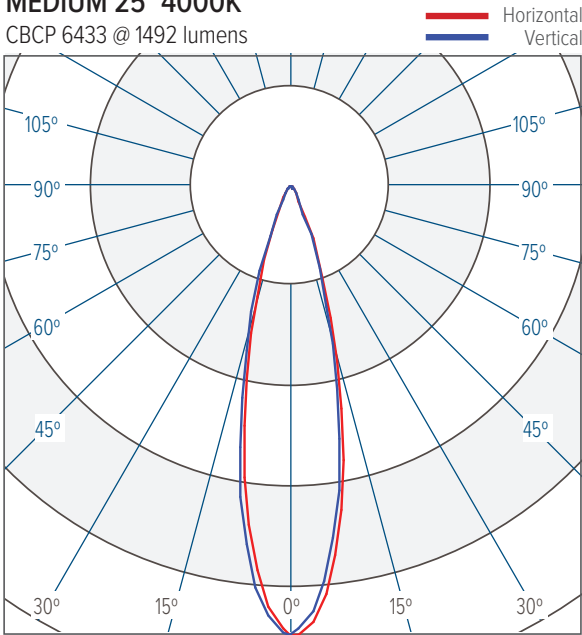
NARROW 18° 4000K

CBCP 11271 @ 1499 lumens



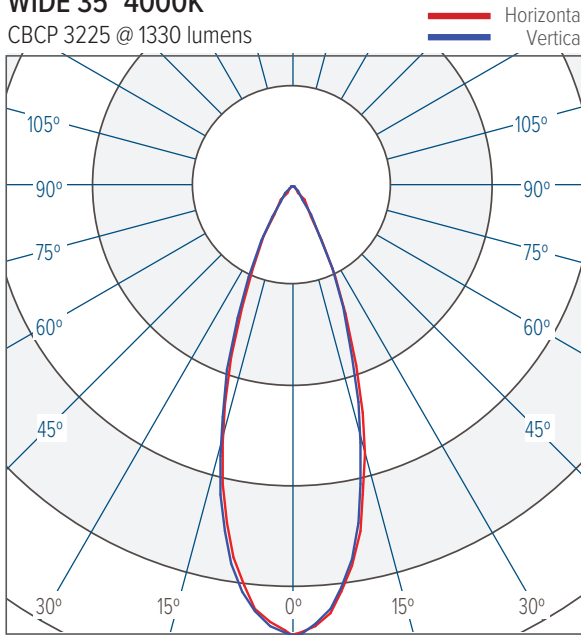
MEDIUM 25° 4000K

CBCP 6433 @ 1492 lumens



WIDE 35° 4000K

CBCP 3225 @ 1330 lumens



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# GRIVEN

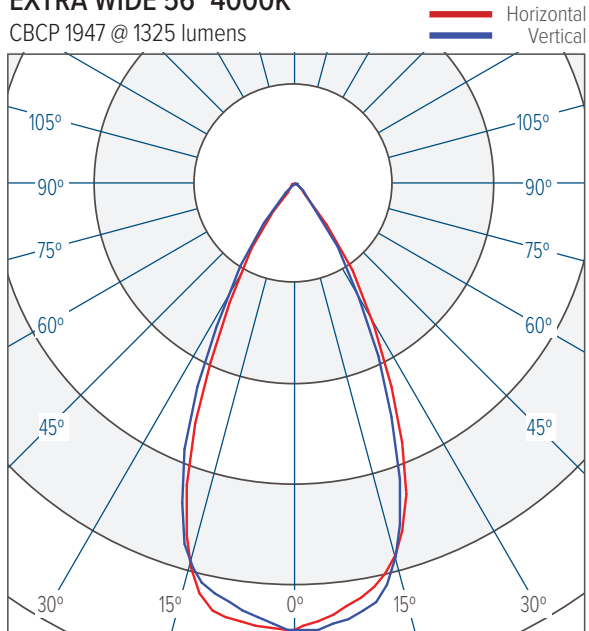
## PHOTOMETRICS

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For 2700K, apply a 0.92 prorate factor. For 3000K, apply a 0.93 prorate factor.

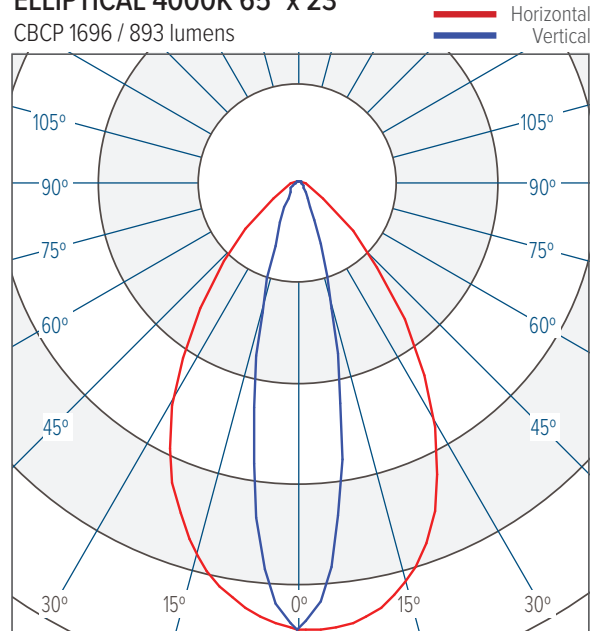
### EXTRA WIDE 56° 4000K

CBCP 1947 @ 1325 lumens



### ELLIPTICAL 4000K 65° x 23°

CBCP 1696 / 893 lumens



## CUSTOMIZE YOUR EXPERIENCE.

At Experience Brands, we believe every space deserves unique lighting elements. We proudly specialize in crafting solutions that reflect your personal vision. Our expert team is here to collaborate with you to design and implement customized features that elevate your environment.

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