

MOON RECESSED

Dynamic White | RGBW



DESCRIPTION

With extreme design flexibility and high aesthetic impact, the **MOON RECESSED** is a perfect in-grade solution for illuminating paths, walkways, entrances, or distinctive illumination of architectural or landscape elements. Recess depth is less than 4" allowing for easy installation in any element. The power to create intense emotions through different shades and colors of light is excentuated with a trimless full glass version, alongside two other trim variants, all with stainless steel frame. Luminaire is IP68 rated and is resistant to submersion to a maximum depth of 4.9' for up to 30 minutes. Remote power supply is available separately.

Date: _____ Type: _____ Catalog Number: _____

Project Name: _____



Heavy Duty Trim RGBW



Standard Trim Dynamic White



Trimless RGBW

ORDERING INFORMATION

LUMINAIRE						
MODEL	TRIM	CCT	CONTROL	VOLTAGE	OPTIC	OPTION
MOON-R Moon Recessed	HD Heavy Duty Trim ø100mm / 3.9"	RGBW30K RGBW 3000K White	DMX-RDM DMX/RDM	UNV 120 - 277V via Remote Power Supply	NB Narrow 14°	LVR Internal Honeycomb Louver
	STD Standard Trim ø80mm / 3.1"	RGBW40K RBGW 4000K White			MB Medium 23°	
	TRMLSS Trimless ø69mm / 2.7"	DW Dynamic White (3000K to 6500K)			WB Wide 35°	
					EW Extra Wide 56°	

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 RECESSED		
		HEAVY DUTY TRIM	STANDARD TRIM	TRIMLESS
PHYSICAL	HOUSING	Anodized Aluminum Body with Stainless Steel Flange	Stainless Steel Flange and Body	
	LENS	PMMA with Tempered Glass Screen		
	LOAD BEARING CAPACITY	4409 Pounds	Walk Over Only	
	DRIVER LOCATION	Remote (Sold Separately)		
	DIMENSIONS	See page three for detailed dimensional artwork.		
	WEIGHT	2.2 Pounds	2 Pounds	
	OPERATING TEMPERATURE	-40°F to 104°F (-40°C to 40°C)		

ELECTRICAL	POWER	4.6 Watts		
	INPUT VOLTAGE	120-277v via Remote Power Supply		
	CURRENT	Constant Voltage @ 24VDC		
	CONTROL	Integral DMX/RDM Control		
	REMOTE POWER SUPPLY	RMTPS-UNV-200-24-N: 200 Watts; Powers up to 36 Luminaires RMTPS-UNV-100-24-N: 100 Watts; Powers up to 18 Luminaires See Page 5 for more information.		
	CABLE	Power & DMX Cable Without Connectors		
	CABLE LENGTH	39.3"		

PHOTOMETRIC	LED	RGBW 3000K	RGBW 4000K	Dynamic White (3000K-6500K)
	DELIVERED LUMEN OUTPUT	up to 116 lumens	up to 132 lumens	up to 211 lumens
	EFFICACY	up to 25 lumens per watt	up to 29 lumens per watt	up to 46 lumens per watt
	LUMEN MAINTENANCE	L70 > 55,000 Hours at 77°F*		

LIGHT DISTRIBUTIONS	CCT	DATA	DISTRIBUTION / BEAM ANGLE			
			Narrow	Medium	Wide	Extra-Wide
			14°	23°	35°	56°
RGBW 3000K		LUMENS	116	93	95	96
		EFFICACY	25	20	21	21
		MAX. CANDELA	1549	429	228	129
RGBW 4000K		LUMENS	132	106	108	109
		EFFICACY	29	23	23	24
		MAX. CANDELA	1762	489	260	129
DYNAMIC WHITE		LUMENS	211	168	172	173
		EFFICACY	46	37	37	38
		MAX. CANDELA	2817	776	413	205

Values reflect delivered lumens at full output.

CERTIFICATIONS	SAFETY	ETL Certified for Wet Locations		
	INGRESS PROTECTION	IP68		
	IMPACT RATING	IK10 (Heavy Duty Trim) or IK09 (Standard and Trimless Variants)		
	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 RECESSED

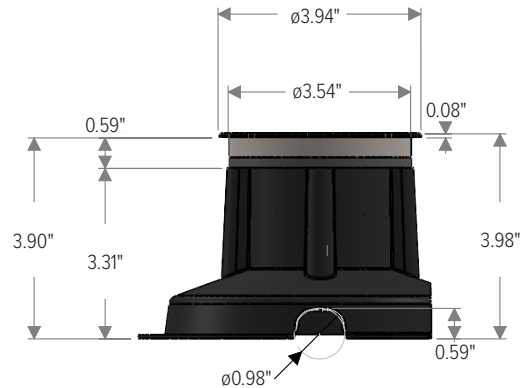
Dynamic White | RGBW



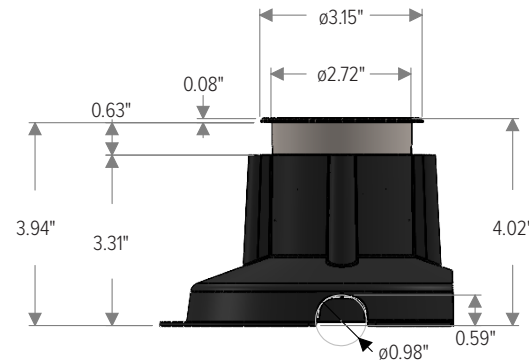
DIMENSIONS

All dimensions are shown in inches unless otherwise noted.

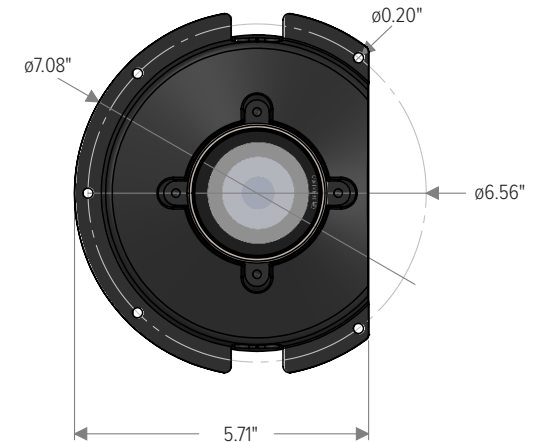
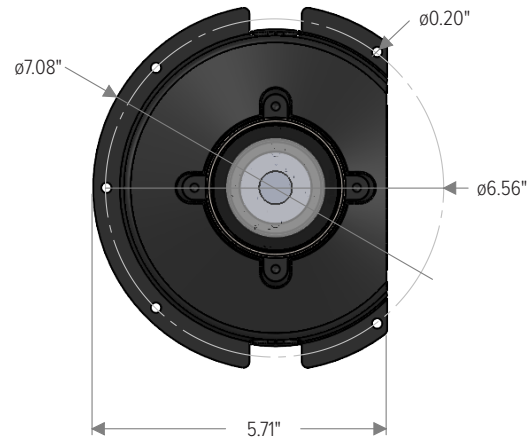
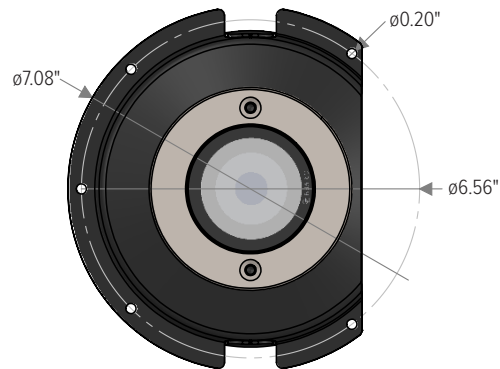
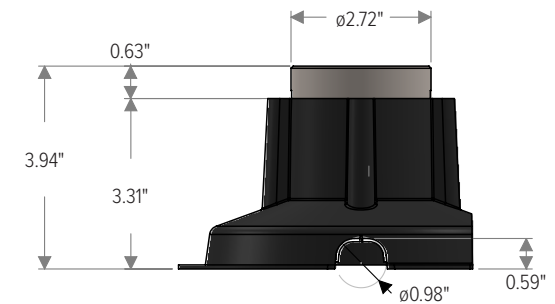
Moon Recessed - Heavy Duty Trim



Moon Recessed - Standard Trim



Moon Recessed - Trimless



For installation instructions, see separate "Installation Instructions" document.

ACCESSORIES

REMOTE POWER SUPPLY (Required, Ordered Separately)

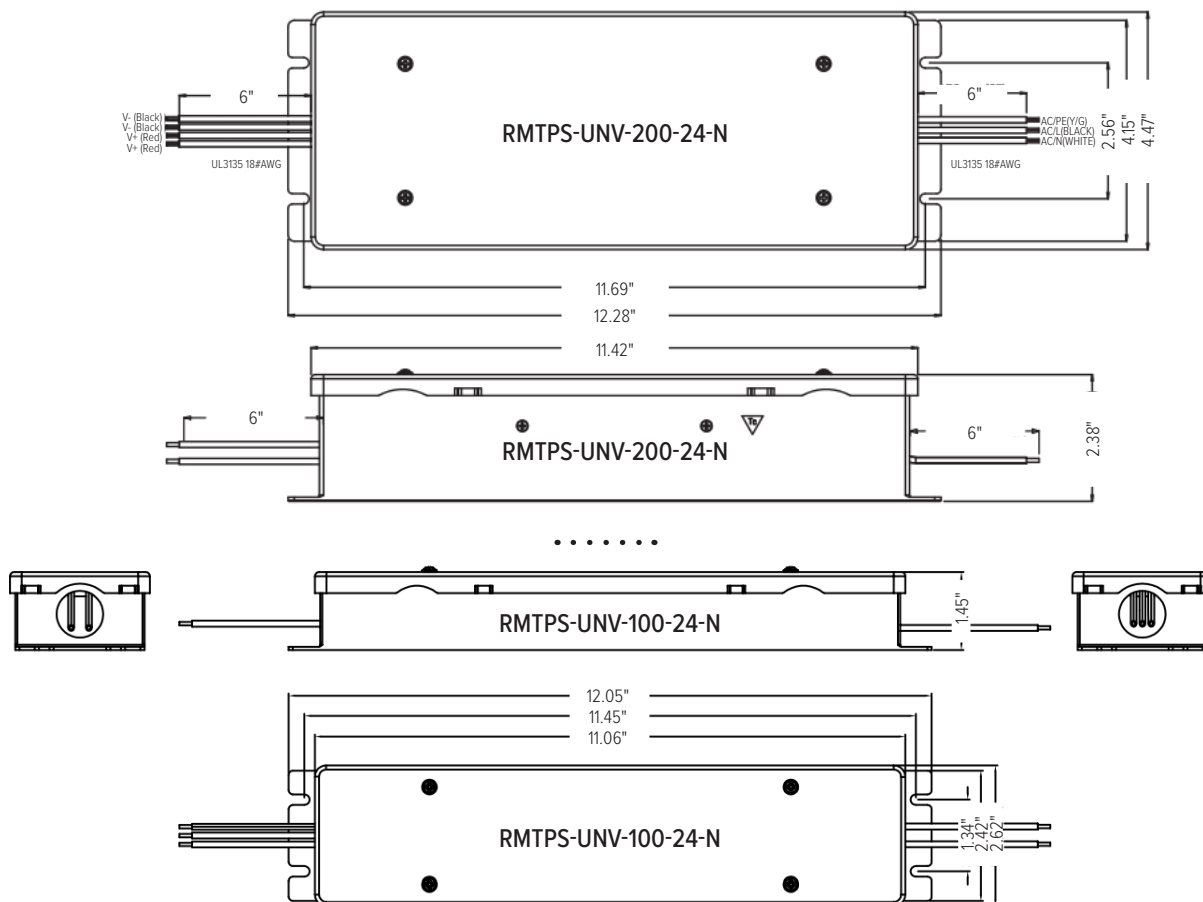
MODEL

RMTPS-UNV-200-24-N

Remote Power Supply for Moon Recessed Dynamic White/RGBW; Powers 1 to 36 Luminaires
 Enclosure Dimensions: 12.28" L x 4.47" W x 2.38" H
 200 Watts; Dual Channel (100 Watts per Channel)
 24 Volts
 On/Off Control
 Universal Input Voltage Range: 90 to 305 VAC
 Input Frequency Range: 47 to 63Hz
 Efficiency at Full Load: 80%
 Power Factor at Full Load: >0.9
 Operating Ambient Temperature: -40°C to 60°C
 IP68 Rated

RMTPS-UNV-100-24-N

Remote Power Supply for Moon Recessed Dynamic White/RGBW; Powers 1 to 18 Luminaires
 Enclosure Dimensions: 12.05" L x 2.62" W x 1.45" H
 100 Watts; Single Channel
 24 Volts
 On/Off Control
 Universal Input Voltage Range: 100 to 277 VAC
 Input Frequency Range: 50 to 60Hz
 Efficiency at Full Load: 92%
 Power Factor at Full Load: >0.9
 Operating Ambient Temperature: -40°C to 60°C
 IP68 Rated

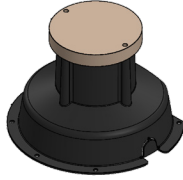


ACCESSORIES (continued)

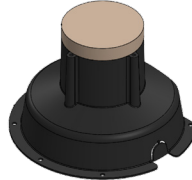
NOTE: Accessories are ordered and shipped separately from luminaire for field installation.



IR-CONFIG-REMOTE
Infrared DMX Configuration
Remote



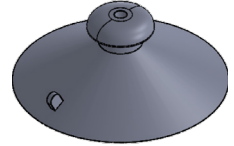
MOON-R-HD-RBB
Recessed Back Box for
Heavy Duty Trim Variants



MOON-R-RBB
Recessed Back Box for
Standard Trim and Trimless
Variants



MOON-R-DRP-RBB
Drop-In Recessed Back
Box for Standard Trim and
Trimless Variants



MOON-R-SC
Suction Cup

Additional Control and Installation Solutions are available online; click here to view available options.

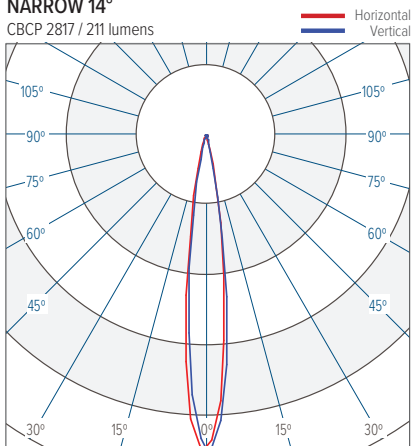
PHOTOMETRICS- CANDELA DISTRIBUTION

NOTE: Values shown below reflect Dynamic White CCT.

For RGBW 3000K, apply a 0.55 prorate factor. For RGBW 4000K, apply a 0.63 prorate factor.

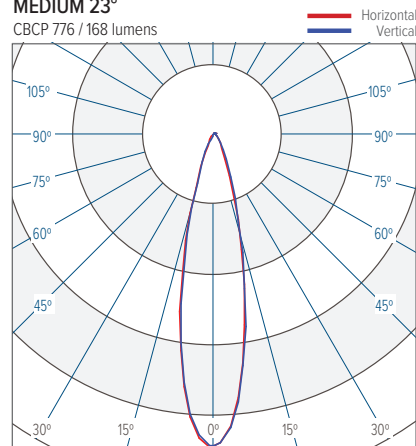
NARROW 14°

CBCP 2817 / 211 lumens



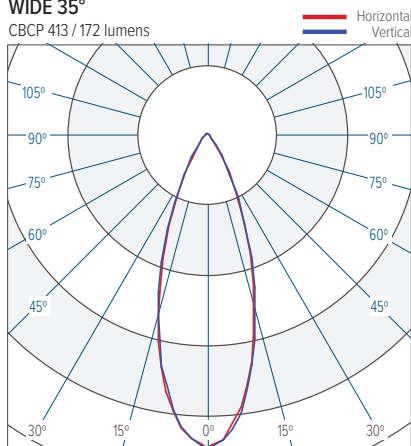
MEDIUM 23°

CBCP 776 / 168 lumens



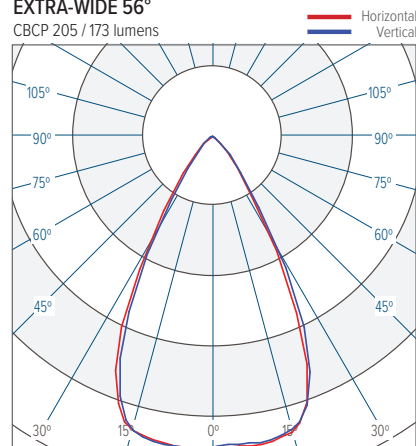
WIDE 35°

CBCP 413 / 172 lumens



EXTRA-WIDE 56°

CBCP 205 / 173 lumens



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.

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CUSTOMIZE YOUR **EX**PERIENCE.

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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