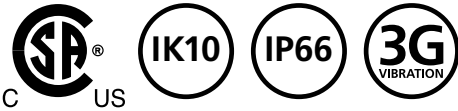


PVNTR

PREVENT ROUND LUMINAIRE

FEATURES

- Vandal Resistant: 13", 17" 1,500 - 8,000 Lumens
- Stand alone surface, ceiling, and wall mounted
- Designed for Indoor/Outdoor applications
- Different housing color options
- No visible hardware



CONTROLS TECHNOLOGY



SPECIFICATIONS

CONSTRUCTION

- Polyester epoxy powdercoat finish
- All fasteners are Stainless Steel. Tamper resistant (TR) fasteners are optional
- Marine grade low copper aluminum body are optional
- Impact resistant diffuse polycarbonate lens .15" thick

INSTALLATION

- Surface mount, ceiling mount, and wall mount
- Extended, deeper housing option for available, allows for surface conduit entry
- Fixtures must be grounded in accordance with national, state and/or local electrical codes. Failure to do so may result in serious personal injury

ELECTRICAL

- Universal voltage, 120 through 277V with a $\pm 10\%$ tolerance. Driver is UL Listed
- High voltage configurations, 347. Driver has a 0-10V dimming interface for multi-level illumination options. Driver is UL Listed
- Drivers have greater than a 0.9 power factor, less than 20% harmonic distortion, and be suitable for operation in -40°C to 40°C ambient environments
- Luminaire are capable of operating at 100% brightness in a 40°C environment. Both driver and optical array have integral thermal protection that will dim the luminaire upon detection of temperatures in excess of 85°C
- Dimming range from 1% to 100% through the use of standard 0-10V interface on the programmable driver
- Optional factory programmed dimming profile
- Surge protection: 10k in parallel
- SF for 120, 277, 347 Line volts
DF for 208, 240 Line volts
- Wiring: No. 18AWM rated 75°C wet, 90°C dry
- Spectrasync 2700-6500K user selctrable CCT available as option.

CERTIFICATIONS

- Listed to UL1598 and CSA C22.2#250.0-24 for wet locations and 40°C ambient temperatures
- 13" fixture is ADA compliant
- UL 924 Standard for Emergency Lighting and Power Equipment
- IP66 rated
- IK10 Impact resistant per EN 62262 and UV stable polycarbonate lens
- ANSI C78.377.2008
- ANSI C82.77.2002
- RoHS compliant
- 3G rated for ANSI C136.37 high vibration applications

WARRANTY

- 5 year warranty

PVNTR

PREVENT ROUND LUMINAIRE

ORDERING GUIDE

Example: PVNTR-13-20-30K8-D01-UNV-WHT-OCM

CATALOG #

Housing	Size	Wattage/Output	CCT/CRI	Distribution	Driver
PVNTR Prevent Round	13 13" Round <3.5" deep ¹ 17 17" Round <4.2" deep ¹	10 13" - 10W / 1,300 lm 20 13" - 20W / 2,500 lm 30 13" - 30W / 3,500 lm 40 13" - 40W / 4,500 lm 20 17" - 20 W / 2,500 lm 30 17" - 30 W / 3,500 lm 40 17" - 40 W / 4,500 lm 50 17" - 50W / 6,000 lm 60 17" - 60W / 7,000 lm 70 17" - 70W / 8,000 lm	27K8 2700K 80 CRI 27K9 2700K 90 CRI 30K8 3000K 80 CRI 30K9 3000K 90 CRI 35K8 3500K 80 CRI 35K9 3500K 90 CRI 40K8 4000K 80 CRI 40K9 4000K 90 CRI 50K8 5000K 80 CRI 50K9 5000K 90 CRI 2765T 2700K-6500K SpectraSync™ Tunable White GN Green LED 530nm ² RD Red LED 630nm ² AM Amber LED 590nm ² BL Blue LED 470nm ²	Blank Lambertian	NDM Non Dimming D05 5% Dimming 0-10V D01 1% Dimming 0-10V DS1 Soft-Start 1% Dimming 0-10V D55 Soft-Start 5% Dimming, 0-10V D00 Dim-to-off (1%) 0-10V DS0 Soft-Start (Dim-to-off) (1%) 0-10V LEC Hi-Lume 1% Ecosystem LED driver ³

Voltage	Lens	Application	Finish	Options
UNV 120-277V 347 347V ⁴	OL Open Lens	Blank Standard NA Natatorium	BLS Black Gloss Smooth BLT Black Matte Textured DBS Dark Bronze Gloss Smooth DBT Dark Bronze Matte Textured GTT Graphite Matte Textured LGS Light Gray Smooth LGT Light Gray Matte Textured PSS Platinum Silver Smooth WHS White Gloss Smooth WHT White Matte Textured VGT Green Landscape Decorative CC Custom Color	TR Tamper Resistant Stainless Steel Fasteners EM 10W battery (0°C) ⁵ SF Single Fuse for 120 or 277V DF Double Fuse for 208, 240 BP Extended housing / backplate for surface conduit entry DSW Dual Circuit Wiring

Notes:

- Standard fixture only. Extended housing option increases overall depth by .71" on 13 and .85" on 17.
- Not available for all sizes/wattages. See chart, below.
- Only available in 120-277V and 4500 lumens & lower.
- Only available with 40W or lower wattage/output.
- Integral battery only available in 120-277V — up to 20W for 13 and up to 30W for 17.

Control Options

- Integrated Sensor Controls**
- OCM** Occupancy Sensor
Microwave - Integrated
- Integrated NX Networked - Wireless**
- PC** Button photocell
- NXW** NX Wireless (Bluetooth scheduling, no sensor)

SINGLE COLOR LED - AVAILABILITY							
13"	10W	20W	30W	40W	N/A	N/A	N/A
GREEN	Y	Y	Y	Y			
RED	Y	Y					
AMBER	Y	Y	Y				
BLUE	Y	Y	Y				
17"	N/A	20W	30W	40W	50W	60W	70W
GREEN		Y	Y	Y	Y	Y	
RED		Y	Y	Y	Y		
AMBER		Y	Y	Y	Y	Y	
BLUE		Y	Y	Y	Y	Y	

PVNTR

PREVENT ROUND LUMINAIRE

ELECTRICAL DATA

PROJECTED LUMEN MAINTENANCE						
OPERATING HOURS						
Ambient Temp.	0	25,000	*TM-21-11 36,000	50,000	100,000	Calculated L ₇₀ (hours)
25°C / 77°F	1.00	0.93	0.90	0.86	0.74	120,000
40°C / 104°F	0.99	0.91	0.87	0.83	0.69	95,000

TEMPERATURE FACTOR (LATF)		
AMBIENT TEMPERATURE		LUMEN MULTIPLIER
0°C	32°F	1.03
10°C	50°F	1.01
20°C	68°F	1.00
25°C	77°F	1.00
30°C	86°F	0.99
40°C	104°F	0.98
50°C	122°F	0.97

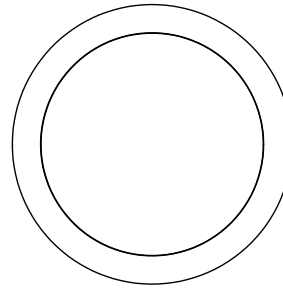
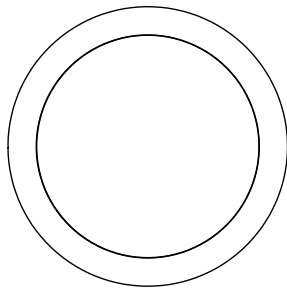
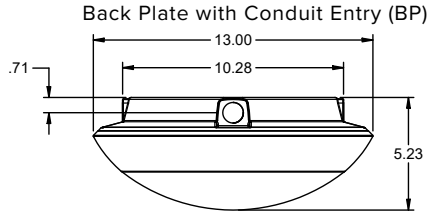
ELECTRICAL DATA (13")				
Size	Nominal Wattage	Input Voltage (Volts)	Oper. Current (Amps)	System Power (Watts)
13"	10	120	0.09	11.1
		208	0.05	
		240	0.05	
		277	0.04	
		347	0.03	
		480	0.02	
	20	120	0.18	21.6
		208	0.10	
		240	0.09	
		277	0.08	
		347	0.06	
		480	0.05	
	30	120	0.26	31.3
		208	0.15	
		240	0.13	
		277	0.11	
		347	0.09	
		480	0.07	
	40	120	0.33	40.0
		208	0.19	
		240	0.17	
		277	0.14	
		347	0.12	
		480	0.08	

ELECTRICAL DATA (17")				
Size	Nominal Wattage	Input Voltage (Volts)	Oper. Current (Amps)	System Power (Watts)
17"	20	120	0.17	20.9
		208	0.10	
		240	0.09	
		277	0.08	
		347	0.06	
		480	0.04	
	30	120	0.26	31.4
		208	0.15	
		240	0.13	
		277	0.11	
		347	0.09	
		480	0.07	
	40	120	0.34	40.8
		208	0.20	
		240	0.17	
		277	0.15	
		347	0.12	
		480	0.09	
	50	120	0.43	51.6
		208	0.25	
		240	0.22	
		277	0.19	
		347	0.15	
		480	0.11	
	60	120	0.51	61.4
		208	0.30	
		240	0.26	
		277	0.22	
		347	0.18	
		480	0.13	
	70	120	0.54	65.2
		208	0.31	
		240	0.27	
		277	0.24	
		347	0.19	
		480	0.14	

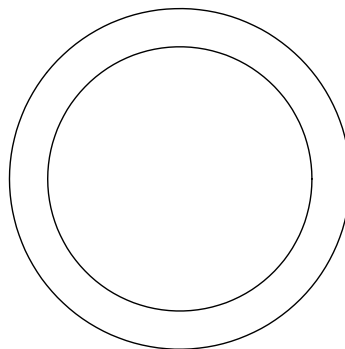
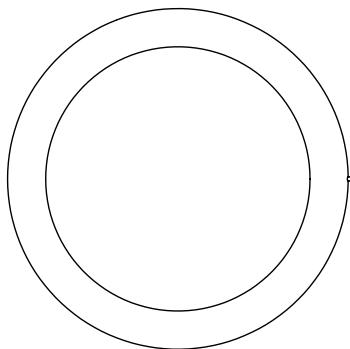
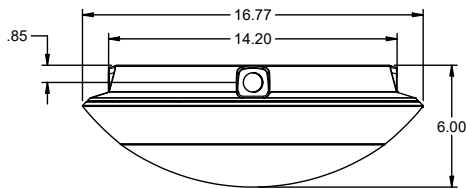
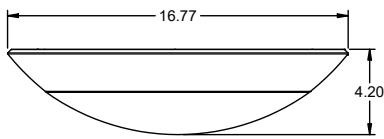
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PREVENT ROUND LUMINAIRE

MOUNTING



PVNTR-13



PVNTR-17

