

Petrolux® LED High Bay

Wet Location for Demanding Environments

PXHW



Catalog Number	
Notes	Type

Description

- For demanding environments with higher mounting heights where dust, dirt and moisture are a concern.
- Certain airborne contaminants may adversely affect the functioning of LEDs and other electronic components, depending on various factors such as concentrations of the contaminants, ventilation, and temperature at the end-user location. [Click here for a list of substances that may not be suitable for interaction with LEDs and other electronic components.](#)**

Optics

- Prismatic borosilicate glass directs light where needed and reduces harsh glare.
- Silicone rubber lens available that will not brown, chip, shatter or break.
- Four distributions (Type 5 low angle, Type 5 high angle, type 4 forward throw and Type 1 long and narrow) available to maximize versatility.
- Highly engineered LED system ensures superior uniformity and maximizes spacing.
- Lens assembly secured by stainless steel tamper-resistant Torx® T-20 screws.

Electrical

- Luminaire Surge Protection Level: Designed to withstand up to 10kV/5kA per ANSI C82.77-5-2015.
- 0-10V dimming driver is standard.
- Optional robust driver solution designed to assist with power quality and drop neutral conditions. XVOLT option supports 277-480V; 6kV surge rated.
- 3000K, 4000K or 5000K CCT available.
- Fault-tolerant LED light engine continues to provide light even in the failure of one LED.
- Field Adjustable Output (AO) module - Onboard device that adjusts the light output and input wattage to meet site specific requirements. The AO module is preset at the factory to position number 8 (see chart).

Mechanical

- Super durable TGIC thermoset powder coat finish provides 1500 hours salt fog rating. CR (corrosion resistant) optional finish is a five-stage pre-treating and painting process that yields over 5,000 hours salt rating per ASTM B117.
- Robust cast aluminum housing with low copper content (0.6% CU content) withstands harsh or hostile environments.
- Universal mount high profile top cover (ceiling/pendant). Optional universal arm available for wall/stanchion. Other mountings include, low profile hook/pendant mount and high profile yoke mount.
- Precise number of fins dissipate maximum amount of heat. -40°F (-40°C) to 149°F (65°C) ambient rating.
- Universal mount can be wall, stanchion, and angle mounted to accommodate a variety of arms.

Listings

- UL 1598 Listed for use in wet locations
- IP65 and IP66 rated. IP67 rated except when used with P3US or 07233 arms, HKMW hook or any integral sensor.
- Luminaire is 1G vibration rated.
- DesignLights Consortium® (DLC) Premium qualified product and DLC qualified product. Not all versions of this product may be DLC Premium qualified or DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified.
- Certified to meet NSF Splash Zone 2 (specify FPA option)
- NEMA 4X Rated
- Marine Rated
- IK rated (see chart on page 6)

Warranty

5-year limited warranty. Complete warranty terms located at: www.acuitybrands.com/support/warranty/terms-and-conditions

Note: Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C.



Typical Applications

- Petroleum refineries
- Ethanol facilities
- Chemical plants
- Power plants
- Textile mills
- Water and wastewater treatment facilities
- Parking Garages

Dimensions: Inches (millimeters) unless otherwise noted.

Universal Mount
Diameter: 13.11 (332.99)
Height: 13.25 (336.55)
Weight: Approx. 36 - 39lbs. (16 - 18 kg) models with multiple options and accessories can weight up to 57lbs.
Pallet quantity: 12 fixtures
EPA: 1.36 sq. ft. wind loading

A+ Capable Luminaire

This item is an A+ capable luminaire, which has been designed and tested to provide consistent color appearance and out-of-the-box control compatibility with simple commissioning.

- All configurations of this luminaire meet the Acuity Brands' specification for chromatic consistency
- This luminaire is part of an A+ Certified solution for nLight® control networks marked by a shaded background*

To learn more about A+, visit www.acuitybrands.com/aplus.

*See ordering tree for details



A+ Capable options indicated by this color background.

ORDERING INFORMATION

Example: PXHW 18000LM MDU5GLFR MVOLT 30K 80CRI UNM DNxD

Series	Lumens	Distribution	Voltage	Color Temperature	Color Rendering Index	Mounting Options
PXHW	12000LM 12,000 lumens	FWD Forward throw, glass lens	MVOLT (120-277V)	30K 3000K CCT 40K 4000K CCT 50K 5000K CCT	70CRI 70CRI 80CRI 80CRI 90CRI 90CRI	UNM Universal Mount, high profile top cap ‡
	15000LM 15,000 lumens	MDO Medium glass lens with minimal uplight	HVOLT (347-480V)			
	18000LM 18,000 lumens	MDU5 Medium glass lens with uplight	120 120V			PM Pendant Mount, low profile top cap ‡
		MDU5FR Medium frosted glass lens with uplight	208 208V			
	24000LM 24,000 lumens	LND Long and Narrow, glass lens	240 240V			YK90 Yoke Mount 0-90 Degree, high profile top cap
	28000LM 28,000 lumens	SO Medium, silicone optic with minimal uplight	277 277V			
		WD Wide, glass lens	347 347V			
		WDU Wide, glass lens with uplight	480 480V			

Options						Finish	
Damp Location Cord Sets: ‡		Bluetooth® Sensors: ‡		Emergency:		DGXD	Gray super durable
CPTL16W	Cord with 15-amp twist locking plug, 16-gauge, 3 conductors, white, 6ft (120, 208, 240, 277 or 277X only)	SBG6 OCC BTP	360° High Mount sensor, (15-45' mounting heights), on/off occupancy, utilizes smart hub for Bluetooth® programmability (LINK)	E10WMCP	Power Sentry PS1055MCP, 10W internal constant power emergency driver, Certified in CA Title 20 MAEDBS ‡	DWHXD	White super durable
CPTL20A16W	Cord with 20-amp twist locking plug, 16-gauge, 3 conductors, white, 6ft (347, 347X, 480 or 480X only)	SBG6 HL BTP	360° High Mount sensor, (15-45' mounting heights), high/low/(off) occupancy dimming, utilizes smart hub for Bluetooth® programmability (LINK)	Other Options:		DNXD	Satin Nickle super durable
CPSB16W	Cord with 15-amp straight blade plug, 16-gauge, 3 conductors, white, 6ft (120V only)	SBG6 ADC BTP	360° High Mount sensor, (15-45' mounting heights), on/off occupancy with auto dimming photocell, utilizes smart hub for Bluetooth® programmability (LINK)	AO	Field Adjustable Output, Standard setting is 8 ‡	DBXD	Black super durable
Wet Location Cord Sets: ‡		Photocontrols:		CR	Corrosion resistant paint		
CPTL16WWL	6ft cord with 15-amp twist lock plug, 16-gauge, 3 conductors, white (120, 208, 240, 277 or 277X)	SBG6 ANL BTP	360° High Mount Sensor, (15-45' mounting heights), high/low/(off) occupancy dimming with auto dimming photocell, utilizes smart hub for Bluetooth® programmability (LINK)	DL	Damp location ‡		
CPTL20AWWL	6ft cord with 20-amp twist lock plug, 16-gauge, 3 conductors, white (347 or 347X only)			EMD	Ingress/Egress Marker Decal		
Wet Location Cords (no plug):		BP	Button style photo control ‡	FPA	Food Processing area ‡		
CNP16WWL	Cord only, 16-gauge, 3 conductors, white, 6ft	PER	NEMA twist-lock receptacle	NSG	Non silicone gasket (complete fixture) ‡		
CNP164CWL	Cord only, 16-gauge, 4 conductors, black, 6ft ‡	PCS	DTL solid state photo control, 120-277V ‡	UPS	Uplight Shield		
CNP165CDWL	Cord only, 16-gauge, 5 conductors, includes 0-10V dimming leads, black, 6ft ‡	P34	DTL solid state photo control, 347V ‡	USPOM	Assembled in the US		
CNP165CDWWL	Cord only, 16-gauge, 5 conductors, includes 0-10V dimming leads, white, 6ft ‡	P48	DTL solid state photo control, 480V ‡	WG	Zinc coated wire guard, factory installed		
		PSC	Shorting cap ‡	Mounting Accessories:			
Hooks:		nLight® wired: ‡		072331	Single substation arm ‡		
HKMW	3/4" wet listed hook male, PF-291 ‡	NPP16D	Power/relay pack, 0-10VDC dimming output (LINK)	072331CTL	Single substation arm with controls ‡		
Non-Dimming Sensors: ‡		NPP16DER	Power/relay pack, 0-10VDC dimming output, UL924 Emergency operation (not available with a battery pack) (LINK)	072332	Double substation arm ‡		
SBGR6	360° High Mount sensor, (15-30' mounting heights), on/off occupancy, IP66 rated (LINK)	nLight® wireless:		072332CTL	Double substation arm with controls ‡		
SBGR6 P	360° High Mount Sensor, (15-30' mounting heights), on/off photocell, IP66 rated (LINK)	NLTAIR2 RSBG6	nLight® Air Generation 2 enabled, 360° high mount sensor, (15-30' mounting heights), IP66 rated (LINK) ‡	P3US	Universal mount arm ‡		
Dimming Sensor: ‡		NLTAIR2 RSBG40	nLight® AIR Generation 2 enabled, 360° high bay sensor with UL924 EM operation (not available with battery pack), (40' mounting height) (LINK) ‡	P3US35	35 Degree Universal mount arm ‡		
SBGR6 D 3V	360° High Mount sensor, (15-30' mounting heights), high/low occupancy dimming, IP66 rated (LINK)	NLTAIR2 RSBOR6	nLight® Air Generation 2 enabled, 360° high mount sensor, (15-30' mounting heights), IP66 rated (LINK) ‡				
		RPP20 D	nLight® air Generation 2 enabled, power/relay pack, 0-10V dimming output (LINK) ‡				
		RPP20 D ER	nLight® air Generation 2 enabled, power/relay pack, 0-10V dimming output, UL924 EM operation via power sense leads (not available with battery pack) (LINK) ‡				
		NLTAIR2 RIO	nLight® air Generation 2 enabled, fixture embedded, 0-10V dimming output (LINK) ‡				

NOTE: ‡ indicates option chosen has ordering restrictions. Please reference ordering restrictions chart.

For Accessories and Footnotes, see next page.

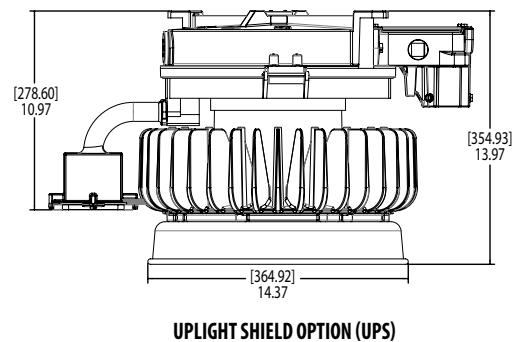
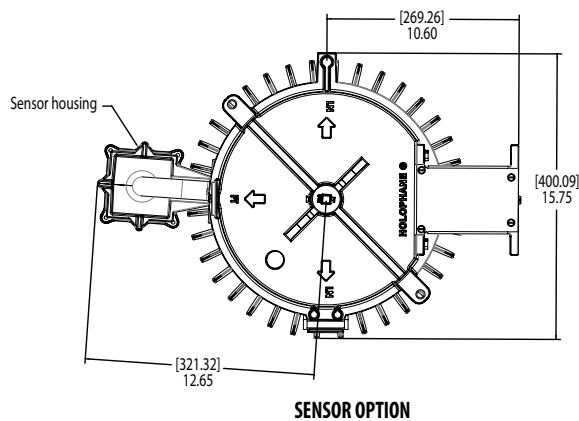
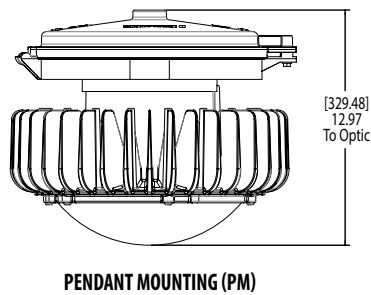
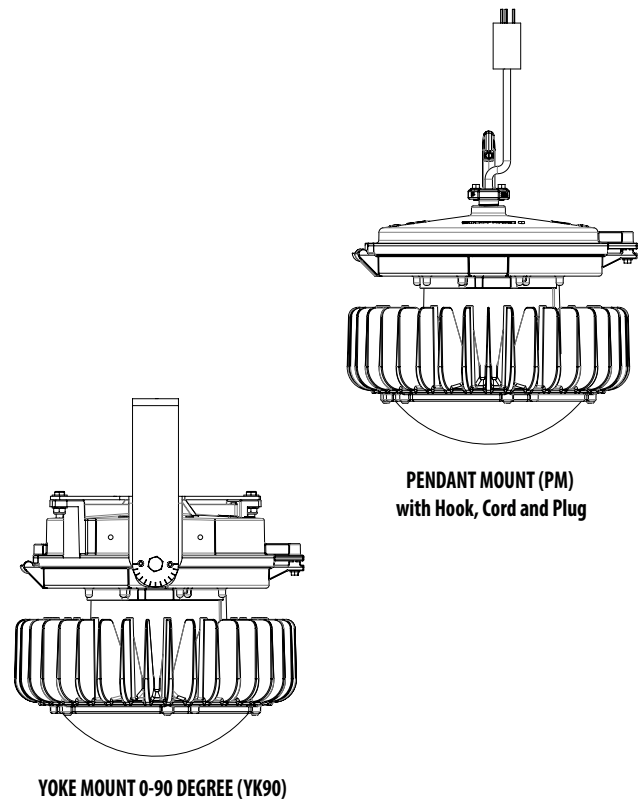
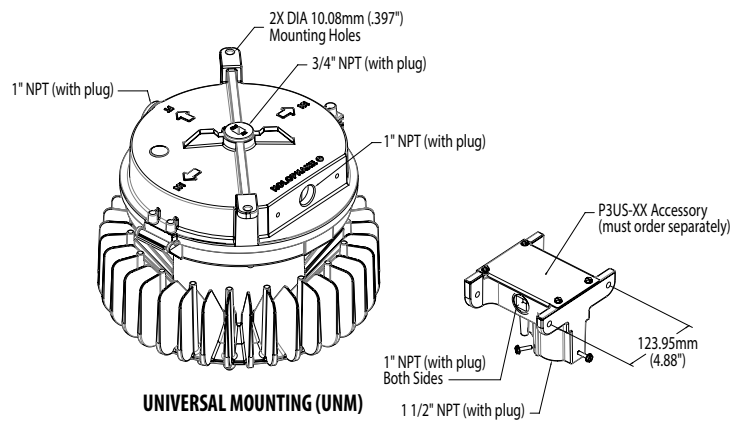
Accessories: Order as separate catalog number.

072331 XX	Substation Arm for Single Luminaire, XX denotes color ‡
072331 CTL XX	Substation Arm for Single Luminaire with controls, XX denotes color ‡
072332 XX	Substation Arm for Tandem Mount Luminaire, XX denotes color ‡
072332 CTL XX	Substation Arm for Tandem Mount Luminaire with controls, XX denotes color ‡
HSCXX	X safety chain kit ‡
MI3502 THREAD SEAL	Thread Sealant
PCPXHW XX	Pendant Cone, XX denotes color ‡
P3US XX	Universal Mount Arm, XX denotes color ‡
P3US35 XX	35 degree universal mount arm, XX denotes color ‡
UPSPXHW XX	Uplight shield, XX denotes color
WGPXHW	Wire guard

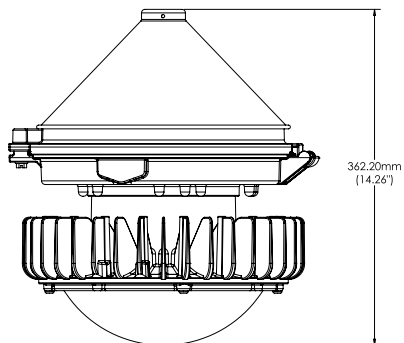
‡ Option Value Ordering Restrictions

Option value	Restriction
277X, 347X, 480X	Utilizes XVOLT driver.
072331, 072331CTL, 072332, 072332 CTL	Not available with YK90.
AO	Not available with dimming sensors, Bluetooth dimming sensors, nLight controls.
Bluetooth® Sensors	Not available with AO or XVOLT.
BP	Not available with MVOLT, HVOLT, XVOLT.
CNP164CWL	Available with E10WMCP only.
CNP165CDWL, CNP165CDWWL	Not available with AO, E10WMCP or dimming sensors or dimming controls.
Damp Location Cordsets	Requires HKMW & DL options. Must specify voltage. 6' is standard, but other lengths are available. Must specify length in the nomenclature. Example: CPTL16W3FT.
Dimming Sensor	Note available with AO or XVOLT.
DL	Required when damp location options are chosen. Luminaire is wet location listed only when ordered with wet location options. If luminaire is ordered with wet and additional damp location options, luminaire is damp location listed only.
E10WMCP	Utilizes PS1055MCP battery. Not available with HVOLT, 347, 480, XVOLT, 347X, 480X, PM or Bluetooth dimming sensors.
FPA	S0 or SOND and DWHXD required. Not available with external sensors.
HKMW	Requires cord or cord set.
HSCXX	X denotes length. Available in multiple sizes. Replace X with size in inches. Example: HSC120 = 120 inches or 10 feet.
nLight Wired	Not available with MVOLT, HVOLT, XVOLT, 208, 240, 480, or 480X voltages.
NLTAIR2 RIO	Not available with XVOLT, 277X, 347X, 480X, AO or E10WMCP.
NLTAIR2 RSBG6, NLTAIR2 RSBG40	Not available with XVOLT, 277X, 347X, 480X, AO or E10WMCP. Low mount sensors available, replace 6 or 40 with 10 in the sensor nomenclature. Example: NLTAIR2 RSBGR10
NLTAIR2 RSBOR6	Low mount sensors available, replace 6 with 10 in the sensor nomenclature. Example: NLTAIR2 RSBOR10
Non-Dimming Sensors, Dimming Sensor	Low mount sensors available, replace 6 with 10 in nomenclature. Example: SBGR10
NSG	Not available with S0, SOND or external sensors.
P34	Requires PER option. Available with 347 or 347X voltages
P3US, P3US35	Not available with PM or YK90 mounting options.
P48	Requires PER option. Available with 480 or 480X voltages.
PCPXHW XX	Requires PM mounting option.
PCS	Requires PER option. Available with 120, 208, 240, 277 or 277X voltages
PM	Not available with E10WMCP
PSC	Requires PER option.
RPP20 D, RPP20 D ER	Not available with 347, 480 or HVOLT. DL option required.
UNM	Available with P3US accessory. Must be ordered separately.
Wet Location Cordsets	Requires HKMW option. Must specify voltage. 6' is standard, but other lengths are available. Must specify length in the nomenclature. Example: CPTL16WWL10FT.

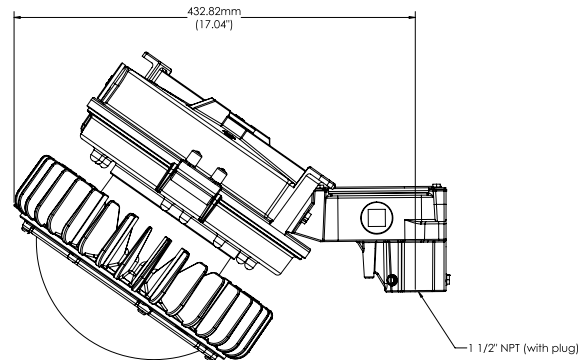
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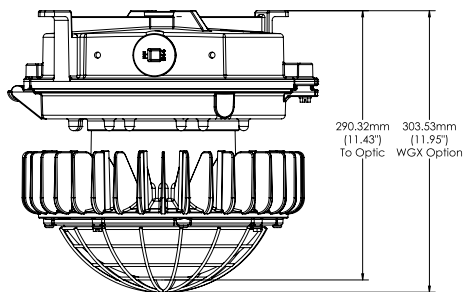
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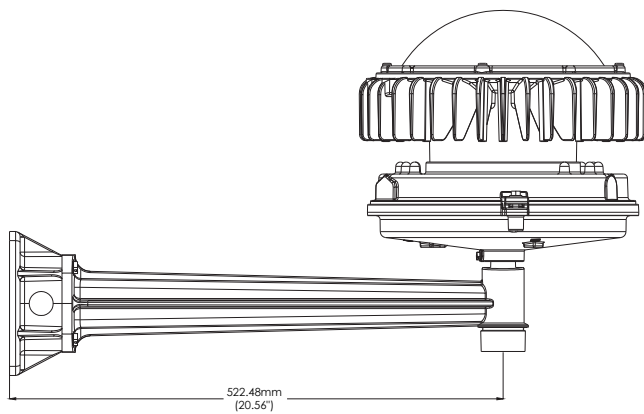
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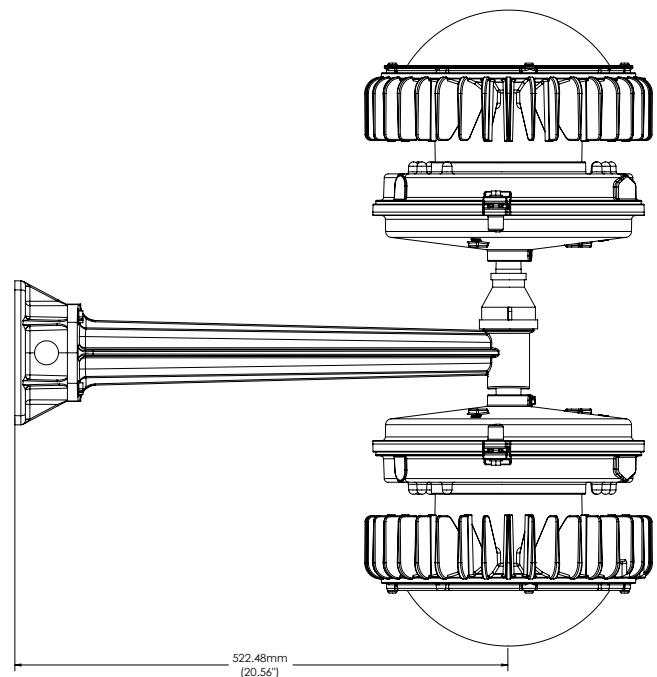
UNIVERSAL MOUNTING (UNM)
with P3US-35-XX Accessory
(must order P3US-35-XX separately)



WIRE GUARD OPTION (WGX)



07233-1-XX (Single Substation Arm)
07233-1-CTL-XX (Single Substation arm with controls)



07233-2-XX (Tandem Substation Arm)
07233-2-CTL-XX (Tandem Substation arm with controls)

OPERATIONAL DATA
Performance with AO Field Adjustable Output

	12000L		15000L		18000L		24000L		28000L	
Position	% Lumens	% Watts	% Lumens	% Watts	% Lumens	% Watts	% Lumens	% Watts	% Lumens	% Watts
8	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
7	94%	94%	94%	94%	94%	93%	95%	93%	95%	93%
6	82%	81%	83%	81%	83%	80%	83%	80%	84%	80%
5	70%	68%	71%	68%	71%	67%	72%	67%	72%	67%
4	58%	56%	58%	55%	59%	54%	59%	54%	60%	54%
3	45%	44%	45%	43%	46%	42%	47%	41%	47%	42%
2	32%	31%	32%	30%	33%	30%	33%	29%	34%	30%
1	19%	20%	19%	19%	19%	18%	20%	17%	20%	18%

Projected Lumen Maintenance (TM-21)

25°C Ambient						
Lumen Package	0 hours	15000 hours	30000 hours	45000 hours	60000 hours	100000 hours
12000LM	1	0.98	0.96	0.94	0.92	0.87
15000LM	1	0.98	0.96	0.94	0.92	0.87
18000LM	1	0.98	0.96	0.94	0.92	0.87
24000LM	1	0.98	0.96	0.94	0.92	0.87
28000LM	1	0.97	0.95	0.93	0.91	0.85

Impact Resistance (IK Ratings)

Lens Material	Rating
Glass	IK06
Silicone	IK10

55°C Ambient						
Lumen Package	0 hours	15000 hours	30000 hours	45000 hours	60000 hours	100000 hours
12000LM	1	0.97	0.95	0.92	0.9	0.84
15000LM	1	0.97	0.94	0.92	0.89	0.83
18000LM	1	0.97	0.94	0.91	0.88	0.81
24000LM	1	0.97	0.94	0.91	0.88	0.81
28000LM	1	0.96	0.93	0.89	0.86	0.78

BTP Default Settings

Model	Default Operation	Occupancy Time Delay	Photocell Mode	Photocell Set-point	Low Trim	High Trim	Dim to Off Time Delay
SBG6 OCC BTP	On/Off Occupancy Only Disabled	10 minutes	Disabled	n/a	n/a	100%	Disabled
SBG10 OCC BTP	On/Off Occupancy Only Disabled	10 minutes	Disabled	n/a	n/a	100%	Disabled
SBG6 HL BTP	Occupancy w/ 0-10V Dimming (High/Low/Off)	10 minutes	Disabled	n/a	10%	100%	2.5 minutes
SBG10 HL BTP	Occupancy w/ 0-10V Dimming (High/Low/Off)	10 minutes	Disabled	n/a	10%	100%	2.5 minutes
SBG6 ADC BTP	Occupancy w/ Dim & Switch Photocell	10 minutes	On/Off & Auto Dim	50 fc	10%	100%	0 seconds
SBG10 ADC BTP	Occupancy w/ Dim & Switch Photocell	10 minutes	On/Off & Auto Dim	50 fc	10%	100%	0 seconds
SBG6 ANL BTP	Dim & Switch Photocell with High/Low Occupancy Operation	10 minutes	On/Off & Auto Dim	50 fc	10%	100%	Stay Dim/ Never Off
SBG10 ANL BTP	Dim & Switch Photocell with High/Low Occupancy Operation	10 minutes	On/Off & Auto Dim	50 fc	10%	100%	Stay Dim/ Never Off

Operating Characteristics

Package	Distribution	Delivered lumens at 3000K CCT 70CRI @ 25C	Delivered lumens at 3000K CCT 80CRI @ 25C	Delivered lumens at 3000K CCT 90CRI @ 25C	Delivered lumens at 4000K CCT 70CRI @ 25C	Delivered lumens at 4000K CCT 80CRI @ 25C	Delivered lumens at 4000K CCT 90CRI @ 25C	Delivered lumens at 5000K CCT 70CRI @ 25C	Delivered lumens at 5000K CCT 80CRI @ 25C	Delivered lumens at 5000K CCT 90CRI @ 25C	Wattage	LPW @ 4000K 80CRI
12000LM	FWD	10678	9957	8319	11595	10613	8581	11595	10678	9040	83	128
	MD	11896	11093	9269	12918	11823	9561	12918	11896	10072	83	142
	MDU5	11582	10800	9024	12577	11511	9308	12577	11582	9805	83	138
	MDU5FR	10207	9518	7953	11083	10144	8203	11083	10207	8641	83	123
	LND	10308	9613	8032	11494	10245	8285	11194	10309	8728	83	123
	WD	11429	10658	8905	12411	11359	9185	12411	11429	9676	83	137
	WDU	11707	10917	9121	12712	11635	9409	12712	11707	9911	83	140
	SO	11719	10929	9131	12726	11648	9419	12726	11719	9922	83	140
	SOLND	10721	9997	8353	11642	10655	10478	11642	10721	9077	83	128
15000LM	FWD	13517	12605	10532	14678	13434	10864	14678	13517	11444	106	127
	MD	15060	14043	11734	16353	14967	12103	16353	15060	12750	106	141
	MDU5	14661	13672	11423	15921	14571	11783	15921	14661	12413	106	138
	MDU5FR	12921	12049	10067	14030	12841	10384	14030	12921	10939	106	121
	LND	13050	12169	10168	14171	12970	10488	14171	13050	11048	106	122
	WD	14468	13492	11273	15711	14379	11628	15711	14468	12249	106	136
	WDU	14820	13820	11547	16093	14729	11910	16093	14920	12547	106	140
	SO	14836	13834	11559	16110	14745	11923	16110	14836	12560	106	139
	SOLND	13571	12656	10574	14737	13488	10907	14737	13571	11490	106	127
18000LM	FWD	15503	14457	12079	16834	15408	12459	16834	15503	13125	119	129
	MD	17272	16106	13457	18755	17166	13881	18755	17272	14623	119	144
	MDU5	16815	15680	13101	18259	16712	13514	18259	16815	14236	119	140
	MDU5FR	14819	13819	11546	16091	14728	11909	16091	14819	12546	119	124
	LND	14967	13957	11661	16252	14875	12028	16252	14967	12671	119	125
	WD	16593	15473	12928	18018	16491	13336	18018	16593	14048	119	139
	WDU	16997	15850	13243	18456	16892	13660	18456	16997	14390	119	142
	SO	17015	15866	13257	18476	16910	13674	18476	17015	14405	119	142
	SOLND	15565	14515	12127	16902	15469	12509	16902	15565	13178	119	130
24000LM	FWD	21115	19690	16451	22928	20985	16969	22928	21115	17876	163	129
	MD	23524	21936	18328	25544	23379	18906	25544	23524	19916	163	143
	MDU5	22902	21356	17844	24869	22761	18406	24869	22902	19389	163	140
	MDU5FR	20183	18821	15725	21916	20059	16220	21916	20183	17087	163	123
	LND	20384	19009	15882	22135	20259	16383	22135	20385	17258	163	124
	WD	22560	21075	17608	24541	22461	18163	24541	22600	19134	163	138
	WDU	23149	21587	18036	25137	23007	18604	25137	23149	19599	163	141
	SO	23174	21610	18056	25164	23032	18624	25164	23174	19649	163	141
	SOLND	21199	19769	16517	23020	21069	17037	23020	21119	17948	163	129
28000LM	FWD	24434	22785	19038	26533	24284	19637	26533	24434	20686	210	116
	MD	27222	25385	21210	29560	27055	21878	29560	27222	23047	210	129
	MDU5	26502	24714	20649	28778	26339	21299	28778	26502	22437	210	125
	MDU5FR	23356	21779	18197	25362	23212	18770	25362	23356	19773	210	111
	LND	23589	21997	18379	25615	23444	18958	25615	23589	19971	210	112
	WD	26153	24388	20377	28399	25992	21018	28399	26153	22141	210	124
	WDU	26788	24980	20872	29089	26624	21529	29089	26788	22680	210	127
	SO	26817	25007	20894	29120	26652	21552	29120	26817	220704	210	127
	SOLND	24532	22876	19114	26639	24381	19716	26639	24532	20769	210	116

Ambient Temperature Ratings

Lumen package	Voltage	FAO	nLight Air	nLight Wired	Button Photocell	Battery PS1055MCP	Ambient °C
12000LM	MVOLT, HVOLT	None	None	None	None	None	65
	MVOLT, 347, 480	None	None	None	None	None	60
	MVOLT, HVOLT	Yes	None	None	None	None	60
	MVOLT, HVOLT	None	Yes	None	None	None	65
	MVOLT, HVOLT	None	None	Yes	None	None	40
	120/277, 347/480	None	None	None	Yes	None	50
	MVOLT	None	None	None	None	Yes	25
15000LM	MVOLT, HVOLT	None	None	None	None	None	65
	MVOLT, 347, 480	None	None	None	None	None	60
	MVOLT, HVOLT	Yes	None	None	None	None	60
	MVOLT, HVOLT	None	Yes	None	None	None	65
	MVOLT, HVOLT	None	None	Yes	None	None	40
	120/277, 347/480	None	None	None	Yes	None	50
	MVOLT	None	None	None	None	Yes	25
18000LM	MVOLT, HVOLT	None	None	None	None	None	65
	MVOLT, 347, 480	None	None	None	None	None	60
	MVOLT, HVOLT	Yes	None	None	None	None	60
	MVOLT, HVOLT	None	Yes	None	None	None	65
	MVOLT, HVOLT	None	None	Yes	None	None	40
	120/277, 347/480	None	None	None	Yes	None	50
	MVOLT	None	None	None	None	Yes	25
24000LM	MVOLT, HVOLT	None	None	None	None	None	65
	MVOLT, 347, 480	None	None	None	None	None	55
	MVOLT, HVOLT	Yes	None	None	None	None	60
	MVOLT, HVOLT	None	Yes	None	None	None	65
	MVOLT, HVOLT	None	None	Yes	None	None	40
	120/277, 347/480	None	None	None	Yes	None	50
	MVOLT	None	None	None	None	Yes	25
28000LM	MVOLT, HVOLT	None	None	None	None	None	55
	MVOLT, 347, 480	None	None	None	None	None	50
	MVOLT, HVOLT	Yes	None	None	None	None	60
	MVOLT, HVOLT	None	Yes	None	None	None	55
	MVOLT, HVOLT	None	None	Yes	None	None	40
	120/277, 347/480	None	None	None	Yes	None	50
	MVOLT	None	None	None	None	Yes	25