

Petrolux® Medium

Wet Locations



Catalog Number	
Notes	Type

Description

The Petrolux III delivers optimal, efficient lighting performance is Nema 4X and IP66. Robust materials and design characterize Holophane wet location area lighting products, delivering maximum performance in hostile, corrosive environments.

Optics

- Prismatic borosilicate glass maintains highest levels of luminosity over time.
- Glass doesn't fade, discolor or otherwise degrade in harsh environments
- Five distributions available, see "Optical Assembly option" below.

Electrical

- 70w, 100w, 150w High-Pressure Sodium
- 70w, 100w Metal Halide
- 175w Pulse Start Metal Halide

Mechanical

- Robust cast aluminum housing with low copper content (0.6% CU content) and durable white finish withstands harsh or hostile environments.
- Hollow core silicone gasketing assures integrity of the ballast housing and optical chamber
- Hinged ballast housing allows for quick maintenance and ballast access

Mountings

- Luminaire shall provide five mounting options, Pendant, Ceiling, Wall, Stanchion and Universal mount. Universal mount unit can when mounted four ways, Pendant, Ceiling, Wall and Stanchion.

Listings

- UL1598 - Wet locations
- IP66 Ingress Protection
- NEMA Type 4X

Warranty

2-year limited warranty. Additional warranty available on Holophane ballasts. Complete warranty terms located at: www.acuitybrands.com/CustomerResources/Terms_and_Conditions.aspx.

Actual performance may differ as a result of end-user environment and application

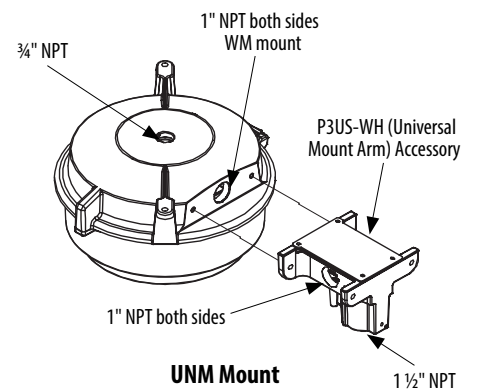
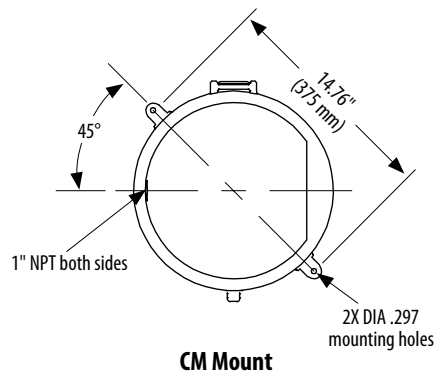
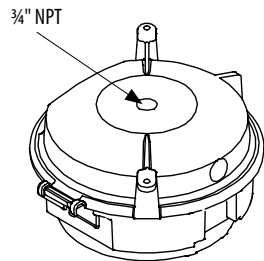
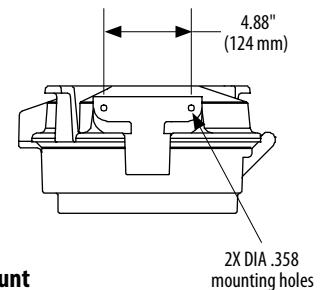
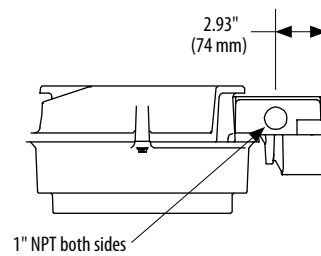
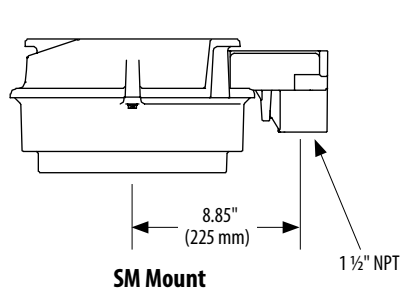
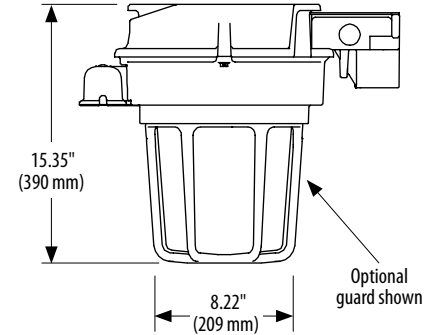
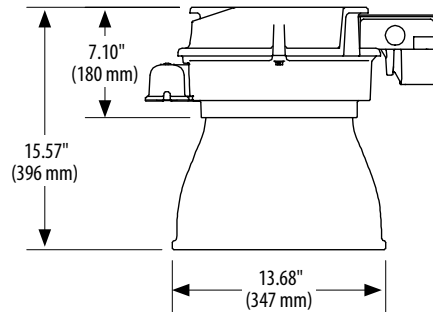
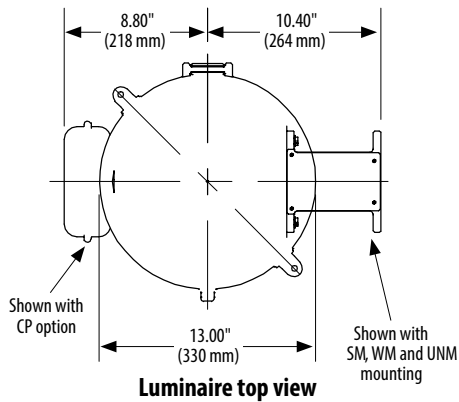
Typical Applications

- Waste Water & Water Treatment Plants
- Power Generation Plants
- Paper Mills

Dimensions: Inches (millimeters) unless otherwise noted.

Diameter: 19.0 (482)
Height: 15.35–15.57 (390–396)
Weight: 35 lbs. (15.42 kg)

DIMENSIONAL DATA



ORDERING INFORMATION
Example: PMW 70S 4545F 240 CWA PM

Series	Lamp Type ‡		Optical Assembly		Voltage				Ballast	
PWM	70S	70W High pressure sodium	6630	6630 Enclosed Reflector	120	120V	TB	Multi-tap Ballast (120, 208, 240, 277V) ‡	HXP	HX - High Reactance Autotransformer
	70M	70W Metal halide	4541	4541 Long and Narrow Refractor	208	208V				
	100S	100W High pressure sodium	4545	4545 Symmetric Refractor	240	240V	TB1	Multi-tap Ballast Wired for 120V	CWA	CWA - Constant Wattage Autotransformer
	100M	100W Metal halide	4545F	4545 Refractor with Forward Throw Reflector	277	277V	TB2	Multi-tap Ballast Wired for 208V	CWI	CWI - Constant Wattage Isolated Secondary
	150S	150W High pressure sodium			347	347V				
	175PM	175W Pulse metal halide	FDZ	FDZ Enclosed Reflector	480	480V	TB3	Multi-tap Ballast Wired for 240V		
						TB4	Multi-tap Ballast Wired for 277V			

Mounting	Cord Set ‡	Options
CM Ceiling ‡	CPTL16WWL Cord with 15-amp twist lock plug, 16-gauge, 3 conductors, white, 6ft (120-277V only) ‡	CPM External Capacitor Module
GHK Gasketed Hook ‡		DF Double Fuse ‡
PM Pendant ‡	CNP16WWL Cord only, 18-gauge, 3 conductors, white, 6ft	EC Emergency circuit
SM Stanchion ‡	L/CORD No Cord	EMD Ingress/Egress Marker Decal
UNM Universal ‡		NL NEMA Label
WM Wall ‡		PS Protected Starter ‡
		QRS Standby Lighting - Quartz Restrike System
		SF Single Fuse ‡
		SPE Swivel Photocontrol Option ‡
		USPOM Assembled in the US
		WGX Installed Wire Guard ‡

Accessories	
HCRTLDW16WWL3FTL515R	Cord with Connector (Receptacle), Twist Lock, Daniel Woodhead, 16 Gauge, White, Wet Location, 3ft, NEMA L5-15R, (120V) ‡
HCRTLDW16WWL3FTL615R	Cord with Connector (Receptacle), Twist Lock, Daniel Woodhead, 16 Gauge, White, Wet Location, 3ft, NEMA L6-15R (208V or 240V) ‡
HCRTLDW16WWL3FTL715R	Cord with Connector (Receptacle), Twist Lock, Daniel Woodhead, 16 Gauge, White, Wet Location, 3ft, NEMA L7-15R (277V) ‡
HSCX	X inch Safety Chain Kit ‡
P3US DWHXD	Universal Mount Arm ‡
PWMGA	Wire Guard for Refractors
PWMGC	Wire Guard for Reflectors
RK3PWM 4541 LENS	Replacement Long & Narrow Refractor
RK3PWM 4545F LENS	Replacement Symmetric or Forward Throw Refractor
RK3PWM 6630 LENS	Replacement 30C Reflector
RK3PWM FDZ LENS	Replacement FDZ Reflector
RK8PWM F1FUS10D	Replacement 10 AMP, 600V single fuse kit for 120, 240, 277, 347, TB1, TB3, TB4 voltage options.
RK8PWM F2FUS10D	Replacement 10 AMP, 600V double fuse kit for 208, 240, 480, TB2, TB3 voltage options.
RK8PWM PS55	Replacement Protected Starter ‡

‡ Option Value Ordering Restrictions	
Option value	Restriction
347, 480, TB	Available with L/CORD only.
CM	Available with L/CORD only.
Cord Set	Available with HKMW only. 6' is standard, but 3' and 10' lengths are available. Must specify length for 3' and 10' options. Example: CNP16WWL3FT.
CPTL16WWL	Available with 120, 208, 240, 277, TB1, TB2, TB3 or TB4 only.
DF	Available with 208, 240, 480V, 347V, TB2 or TB3 only.
HCRTLDW16WWL3FTL515R	Connector accessory for CPTL16WWLXFT cordset. 3ft is standard. 120V only.
HCRTLDW16WWL3FTL615R	Connector accessory for CPTL16WWLXFT cordset. 3ft is standard. 208/240V only.
HCRTLDW16WWL3FTL715R	Connector accessory for CPTL16WWLXFT cordset. 3ft is standard. 277V only.
HKMW	Available with CPTLWWL or CNPWWL only
HSCX	X denotes length. Available in multiple sizes. Replace X with size in inches. Available in 36", 72", and 120" lengths. Example: HSCX120 = 120 inches or 10 feet
Lamp Type	See source and wattage chart.
P3US DWHXD	Available with UNM only.
PM	Available with L/CORD only.
PS	Available with high pressure sodium lamps only. Not available with CWI ballast.
PS-55	Available with high pressure sodium lamps only. Not available with CWI ballast.
SF	Available with 120, 240, 277, 347V, TB1, TB3 or TB4 only.
SM	Available with L/CORD only.
SPE	Available with PM, SM, WM and UNM only. Not available with 347 and 480V.
UNM	Available with L/CORD only. For wall or stantion capability, must order P3US accessory.
WGX	Available for Optical assembly 4545F, 4545 and 4541.
WM	Available with L/CORD only.

OPERATIONAL DATA

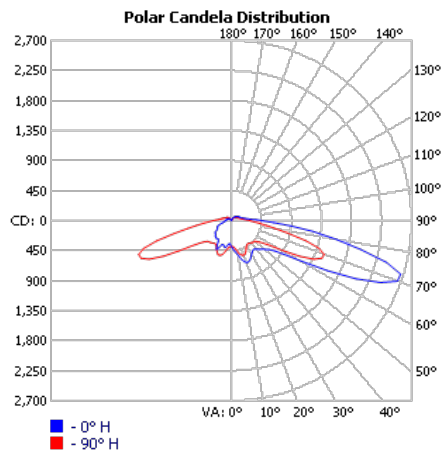
Source and Wattage

Wattage	Source	Ballast Type	Voltage
70	70M	HXP	TB1, TB2, TB3, TB4, TB
			TB1, TB2, TB3, TB4, TB
	70S	HXP	480, TB1, TB2, TB3, TB4, TB
		CWA	120, 277
		CWI	208, 240
100	100M	HXP	TB1, TB2, TB3, TB4, TB
			TB1, TB2, TB3, TB4, TB
		CWA	120, 277
			120, 277
	100S	HXP	480, TB1, TB2, TB3, TB4, TB
		CWA	208, 240, 277, 480
		CWI	208, 240
150	150S	HXP	480, TB1, TB2, TB3, TB4, TB
		CWI	208, 240
175	175PM	CWA	480, TB1, TB2, TB3, TB4, TB
			480, TB1, TB2, TB3, TB4, TB

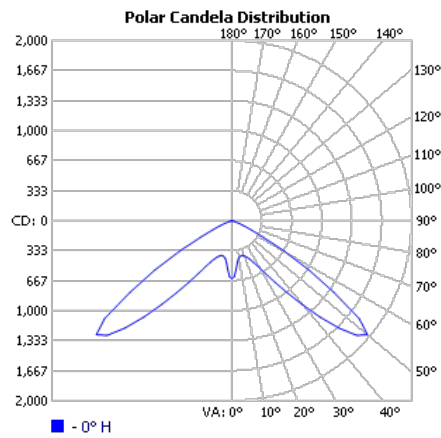
UL1598 Maximum Ambient Temperature

70M, 100M, 70S, 100S, 150S PS		175PM		
		Without CPM option	With CPM option	
	With QRS or EC Option	With or without QRS or EC option	With QRS or EC option	Without QRS or EC option
55°C	45°C	55°C	55°C	60°C

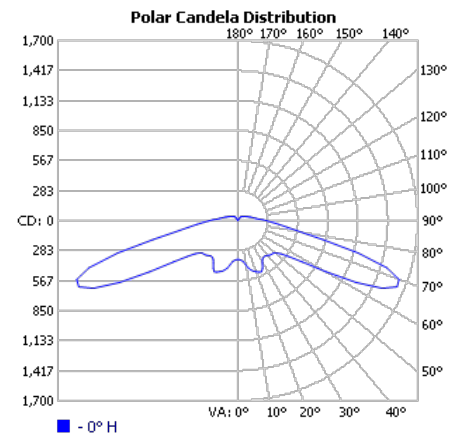
DISTRIBUTION DATA



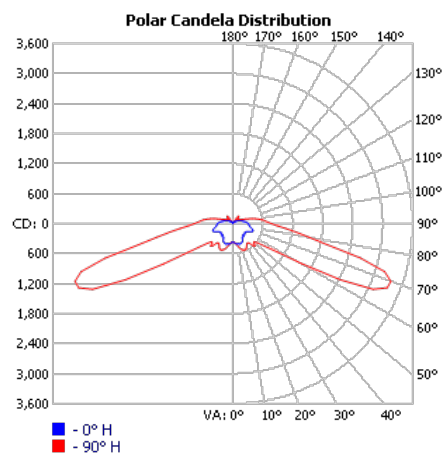
4545F optic with 70S



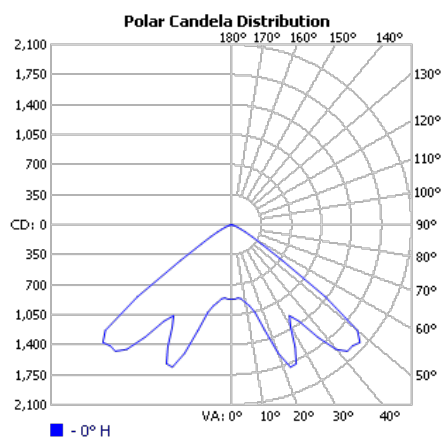
FDZ optic with 70S



4545 optic with 70S



4541 optic with 70S



6630 optic with 70S