AMERILUME LIGHTING

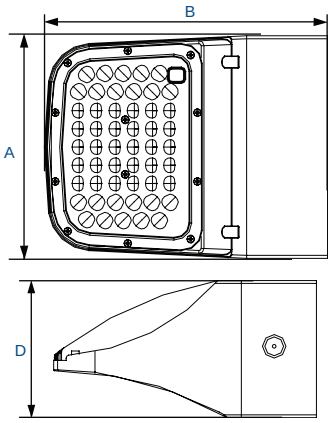
PROJECT NAME:

FIXTURE TYPE:

PACKLUME Compact

Compact Full Cutoff Wallpack Luminaire

The PACKLUME Compact is a Small, Full Cutoff Wall Mount Luminaire Avalaible with a Type-IV Distribution. Optic Array Lens is sealed to IP66. There are Four Wattage and Three CCT Choices.



Dimensions	
Width (A)	8¾″ (220mm)
Length (B)	11″ (280mm)
Height 2 (D)	5¾″ (146mm)

SPECIFICATIONS

Housing:
Die Cast and Sand Cast Aluminum Housing with Full Cutoff Front Fascia. Integral Heat Sinking and Driver Compartment. Twist Lock Photocell and Smart Controls Adaptable. Nickel Plated Stainless Steel Hardware.

Listings & Ratings:
ETL Listed for Wet Location. ANSI/UL 1598, 8750.
IP66 Sealed LED Compartment.

Finish:
Textured Bronze Powdercoat Finish Over a Chromate Conversion Coating. Constult Factory for Custom Colors.

Lens:
Clear, One Piece Molded, UV-Stabilized Type-IV LED Array Lens.

Mounting Options:
Mounts Directly Over a 4" Recessed Electrical Box. Includes Hands Free Wall Mounting Bracket With Built In Level. Optional Trim Plate for Retrofit and Blemished Walls.

LED's:
High Power, Long-Life LED's are available in 3000K, 4000K, and 5000K. LED's have a 80CRI Minimum.

Wattages:
19 Watts
28 Watts
42 Watts
84 Watts

Driver:
Electronic Driver Available in 120-277V (U) or 347-240V (H) 50/60Hz. Drivers are less thann 20% THD and PF>>0.90. Integral 6kV Surge Protection. 0-10V Dimming is standard with a range of 100%-10%. Dimming Control Current is 150Micro-amps.

Controls:
Factory Installed Controls are Wired For 0-10V and/or Switching. Consult Factory for Remote Dimming Wiring. Consult Factory for Interfacing with Non-Factory Control Systems.

Warranty:
5 Year Warranty in -40°C to +50°C Environments.

Certification & Listings:

IP66 · BAA compliant · U.L. Listed for Wet Location

2025174

PACKLUME Compact

Order Information Example: PKLM-Type-IV-42W-U-30K-CP-C-R5

Model	Optics	Wattage	Driver	CCT	Lens	Color	Options
PKLM	Type-IV	19W 28W 42W 84W	U 120-277V H 347-480V	30K 3000K 40K 4000K 50K 5000K	CP Clear Polycarbonate Array Lens	Z Bronze C Custom* *Consult Factory	SF Single Fuse* DF Double Fuse* SP 10kV Surge Protector R3 3-Pin Twist Lock Photocell Receptacle R5 5-Pin Twist Lock Photocell Receptacle R7 7-Pin ANSI C136.41-2013 Twist Lock Photocell Receptacle PC3 Photocell, 120-277VAC S23 Microwave Sensor With Dimming, 25' or Less Mounting Heights* S43 Microwave Sensor With On/Off, 8' to 19' Mounting Heights* BU Battery Backup, 90 Minutes* BUC Battery Backup, Cold Start -20°C, 90 Minutes* *120-277V Only

Accessories & Replacement Parts:

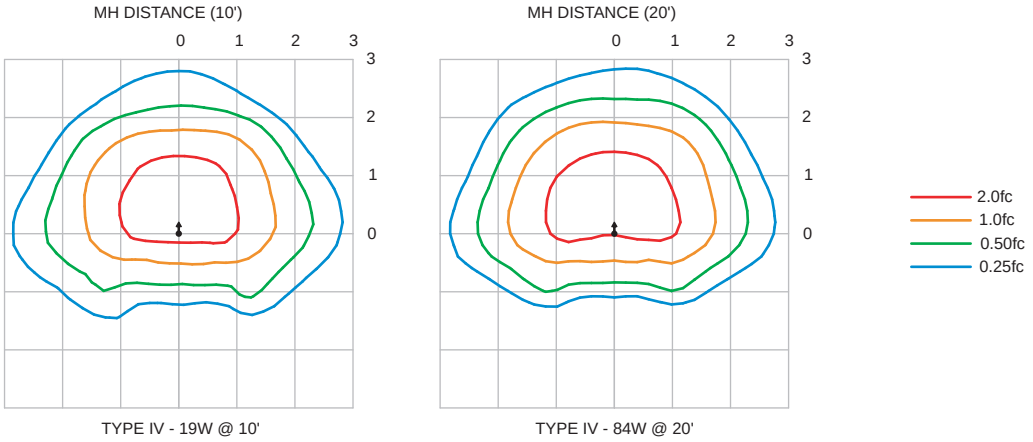
Accessories (Order Separately, Field Installed)	
P18131	Twist Lock Non-Shorting (Open) Cap Disconnects Service to Fixture for Temporary or Permanent Disabling (Fixture Always Off). IP65, 480V Maximum.
P18132	Twist Lock Shorting Cap Provides Fixed Service to Fixture (Fixture Always on). IP65, Rated Load 7200w Tungsten.
P18140	110-120VAC Instant Twist Lock Photocell
P18152	277VAC Time Delay Twist Lock Photocell
P18156	120-277VAC Universal Twist Lock Photocell
WPC44TPZ	Aluminum Two-Piece Trim Plate, Bronze Powdercoat Finish, 13"W x 9"H
SSBS	Stainless Steel Bird Spikes

WPC44TPZ*

*Shown Mounted.

Photometric Data - IsoFootcandle Plots

PKLM-19W / 84W-4000K - 10' / 20' Height



Photometric Performance - Lumen Tables

		5000 CCT 80 CRI					4000 CCT 80 CRI					3000 CCT 80 CRI				
Wattage	Optics	Lumens	LPW	B	U	G	Lumens	LPW	B	U	G	Lumens	LPW	B	U	G
19	Type IV	2,326	120	1	0	1	2,140	112	1	0	1	2,151	111	1	0	1
28		3,424	122	1	0	1	3,151	113	1	0	1	3,167	113	1	0	1
42		4,604	110	1	0	1	4,459	106	1	0	1	4,259	101	1	0	1
84		9,278	110	2	0	2	9,166	109	2	0	2	8,582	102	2	0	2

Projected Lumen Maintenance

Data shown for 5000 CCT			Compare to MH			
TM-21-11	Input Watts	Initial	25,000 Hrs	50,000 Hrs	100,000 Hrs	Calculated LED Life
L70 Lumen Maintenance @ 25°C / 77°F	All wattages up to and including 84w	1.00	0.99	0.98	0.95	646,000
L70 Lumen Maintenance @ 50°C / 122°F		1.00	0.98	0.97	0.93	455,000
L80 Lumen Maintenance @ 40°C / 104°F		1.00	0.98	0.97	0.94	320,000

NOTES:

1. Projected per IESNA TM-21-11. Data references the extrapolated performance projections for the base model in a 25°C ambient, based on 10,000 hours of LED testing per IESNA LM-80-08.

2. Compare to MH box indicates suggested Light Loss Factor (LLF) to be used when comparing to Metal Halide (MH) systems.