LED Gen III Wallpack

The LED GENIII Wallapck is designed with high-output LEDs to provide an energy efficient solution to replace up to 400 watt HID fixtures. The traditional, yet robust design maintains a building's aesthetics when upgrading to LED technology. The Wallpack is ideal for warehouses, schools, apartment complexes, loading docks, and other outdoor applications.

Wireguard   **Beauty Plate**   **Visor**

DLC** | UL | TITLE 24 | RoHS Compliant | 5 YR WARRANTY | IP65 Rated

Construction

- Injection Die-Cast Aluminum Housing
- Shatter Resistant Borosilicate Glass Lens
- Textured Architectural Bronze Powdercoat Finish
- Silicone Gasketing
- Lightweight Backplate for Easy Installation

Features

- Replaces up to a 400W Pulse Start Metal Halide
- Heavy Duty, Die-Cast Aluminum Housing
- Lens designed to provide high efficiency and target the light where it's needed
- 4000K and 5000K color temperature
- Energy Saving 0-10V Dimming, Photocell, and Motion Sensor Options
- IP65 Rated for Outdoor Dust and Wet Locations
- Type IV VS Optics Standard
- 4 Different Lumen Packages to Meet Multiple Application Needs

Controls
120-277V Photocell: The button photocell is designed to control lighting in accordance with ambient light level. It is equipped with quick-response time delay of approx. 3 seconds. The 120-277VAC operation suits most customer use applications. The product is UL773A listed, as well as CE and RoHS certified.

*PIR Bi-Level Motion Sensor:
The externally mounted motion sensor is IP65 rated for outdoor use. The bi-level dimming and daylight harvesting functions combine for the ideal energy savings strategy. The compatible remote programmer enables ease of commissioning and re-programming as needed. Please see the MS/MC054V Supplementary Specification Sheet for further details and commissioning instruction. Only one remote programmer is needed to commission multiple sensors

*The Remote Programmer must be ordered separately for commissioning. See the Accessory Table for Ordering Details

Example: WP1/CL40UBZ50

Housing			Wattage	Voltage	Finish	CCT		Adders
WP1	/	CL	40	U	BZ	50	/	PC
WP1 = Small Housing (40W & 60W Only) WP2 = Large Housing (90W & 120W Only)		Semi-Cutoff	40 = 40W 60 = 60W 90 = 90W 120 = 120W	U=120-277V	BZ = Bronze Finish	40 = 4000K 50 = 5000K		Blank = No option PC = 120-277V Photocell

Dimensions

12.1" 6.7" 5.1"

16.1" 9.65" 6.57"
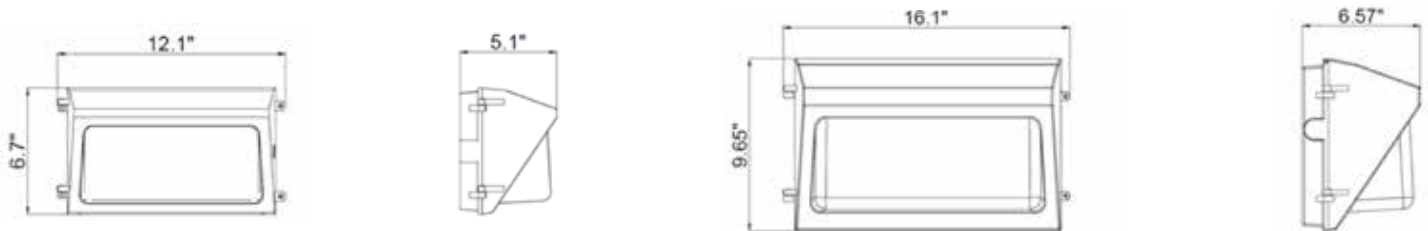
WP1 Housing   WP2 Housing

Accessories Table

Ordering Code	Product Number	Wattage
10142	WP1/WG	WALLPACK WIRE GUARD; SMALL HOUSING; 40W & 60W Models
10143	WP2/WG	WALLPACK WIRE GUARD; LARGE HOUSING; 90W & 120W Models
10144	WP1/PLATE	BEAUTY PLATE FOR SEMI-CUTOFF WALLPACK; SIZE 1: 18.0" X 8.7" X 10"
10145	WP2/PLATE	BEAUTY PLATE FOR SEMI-CUTOFF WALLPACK; SIZE 2: 18.0" X 7.8" X 10"
10148	WP1/VISOR	WALLPACK VISOR; SMALL HOUSING; 40W & 60W Models
10149	WP2/VISOR	WALLPACK VISOR; LARGE HOUSING; 90W & 120W Models
10150	MS/MC054V	Field Installable MOTION SENSOR/ DAYLIGHT REMOTE CTRL COMPATIBLE RF5.8GHZ 120-277V OCC DLH ADJUSTABLE IP65
10151	RM/MH01	REMOTE CONTROL PROGRAMMING; MS/MC054V; Required for Motion Sensor Commissioning
10152	ASS/DRVR/YGLP-S40W	347-480V Driver For 40W & 60W Wallpacks. 60W Models Require 2 Drivers
10153	ASS/DRVR/MWH-VG100H	347-480V Drivers for 90W Wallpacks
10154	ASS/DRVR/MWH-VG150H	347-480V Drivers for 120W Wallpacks

Ordering Information

Ordering Code	Product Number	Wattage	CCT	Finish
10137	WP1/CL40UBZ50	40	5000K	Bronze
10138	WP1/CL60UBZ50	60	5000K	Bronze
10139	WP2/CL90UBZ50	90	5000K	Bronze
10140	WP2/CL120UBZ50	120	5000K	Bronze
10133	WP1/CL40UBZ50/PC	40	5000K	Bronze
10134	WP1/CL60UBZ50/PC	60	5000K	Bronze
10135	WP2/CL90UBZ50/PC	90	5000K	Bronze
10136	WP2/CL120UBZ50/PC	120	5000K	Bronze
10155	WP1/CL40UBZ40	40	4000K	Bronze
10156	WP1/CL60UBZ40	60	4000K	Bronze
10157	WP2/CL90UBZ40	90	4000K	Bronze
10158	WP2/CL120UBZ40	120	4000K	Bronze
10159	WP1/CL40UBZ40/PC	40	4000K	Bronze
10160	WP1/CL60UBZ40/PC	60	4000K	Bronze
10161	WP2/CL90UBZ40/PC	90	4000K	Bronze
10162	WP2/CL120UBZ40/PC	120	4000K	Bronze

Performance Specifications

Rated Wattage	40	60	90	120
Rated Lumen Output	4475	6805	10200	13575
Efficacy	112	113	113	113
Energy Savings	175W MH replacement equating to an approximate 75% energy savings	250W MH replacement equating to an approximate 75% energy savings	400W MH replacement equating to an approximate 75% energy savings	400W PSMH replacement equating to an approximate 70% energy savings
***L70 Useful Lifetime**	>100,000 hrs			
L70 Seller	Maintenance and relamping costs reduced dramatically due to high L70 life time rating			
Voltage Range	120-277V Standard; **347-480V Available			
Mounting Options	J-box/surface mounted			
CCT	4000K, 5000K			
CRI	>70			
BUG Ratings	B2-U3-G3	B3-U3-G3	B2-U4-G4	B4-U4-G5
Warranty	5 yr. standard Halco Warranty			
Finish	Bronze Standard Finish			
Operating Temperature	-40°F ~122°F (-40°C ~ 50°C)			
Surge Protection	6kV Integral Surge Suppression Standard			
Dimming	0-10V Dimming			
Power Factor	<.9			
THD	<15%			
Wet	***IP65 and UL Wet Listing			
Qualifications	DLC Standard, UL, cULus, RoHs			
Spacing Criteria	Available Upon Request			
Product Weight (lbs)	6.6		12.2	
Dimensions (in.)	12.1"x6.7"x5.1"		16.1"x9.65"x6.57"	
Construction	Injection die-cast aluminum body with shatter resistant glass lens			

*Useful Life is defined as the point in time at which the lamp will maintain at least 70% of its initial lumens. The lamp will continue to operate past this point at decreased light levels. **347-480V Drivers are Field-Installable. Please See Accessory Table for 347-480V Diver Ordering Information. ***IP rated as "dust tight" and protected against water projected from a nozzle. May not be compatible with all dimming systems, dimming performance may vary by system.
Warranty – Commercial / Industrial: This product is warranted for 5 years from the date of purchase. **** Check the latest update at www.DesignLights.org for listed product catalog numbers. Not all versions are listed.

Photometrics

ISO Footcndle plot
Wp1 40W ISO FC_15ft
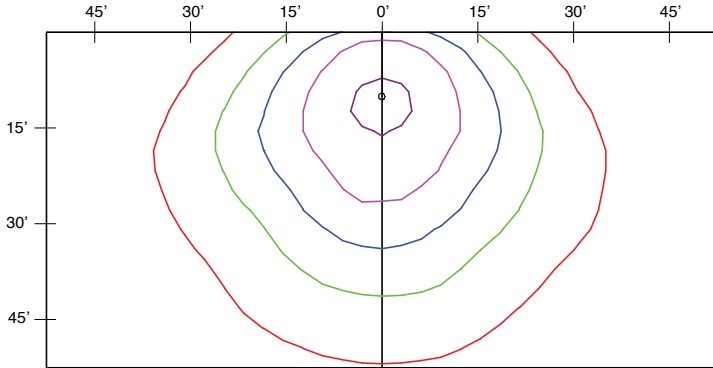
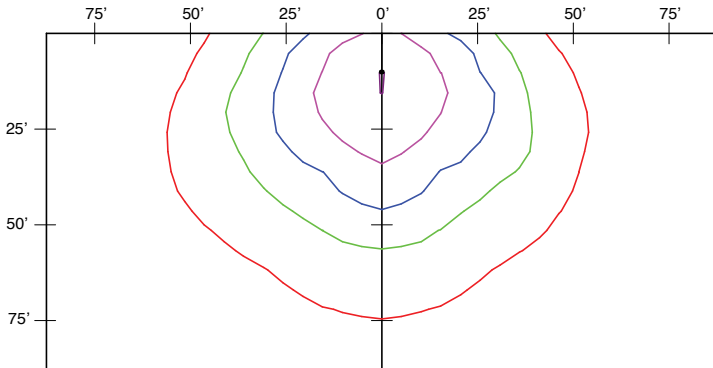| 40 Watt Semi-Cutoff		
4500 Lumens		
15' Mounting Height		
FOOT-CANDLE CORRECTION FACTOR		
NEW HEIGHT: 10'	15'	20'
MULTIPLY BY: 2.33	1	0.58

ISO Footcndle plot
Wp1 60W ISO FC_20ft
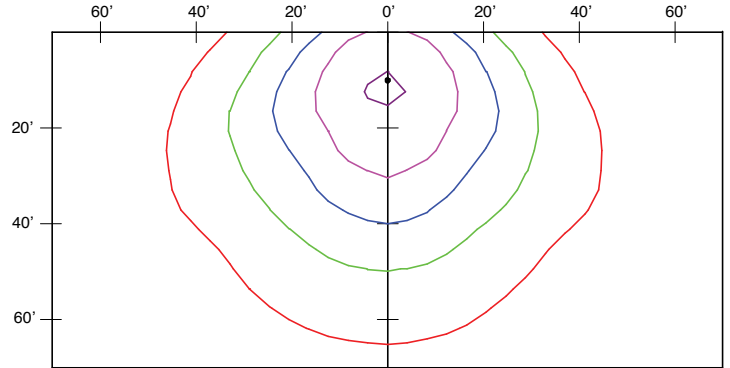
60 Watt Semi-Cutoff		
7050 Lumens		
20' Mounting Height		
FOOT-CANDLE CORRECTION FACTOR		
NEW HEIGHT: 15'	20'	25'
MULTIPLY BY: 1.77	1	0.62

ISO Footcndle plot
Wp2 90W ISO FC_25ft

90 Watt Semi-Cutoff		
7050 Lumens		
25' MOUNTING HEIGHT		
FOOT-CANDLE CORRECTION FACTOR		
NEW HEIGHT: 20'	25'	30'
MULTIPLY BY: 1.62	1	0.73

ISO Footcndle plot
Wp2 120W ISO FC_30ft
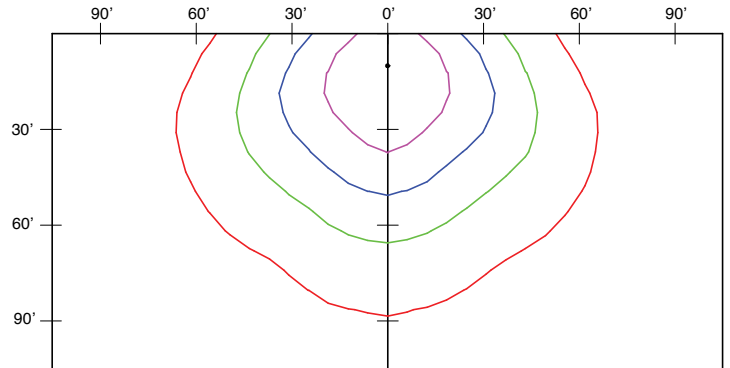
120 Watt Semi-Cutoff		
10225 Lumens		
30' MOUNTING HEIGHT		
FOOT-CANDLE CORRECTION FACTOR		
NEW HEIGHT: 25'	30'	40'
MULTIPLY BY: 1.37	1	0.54