

ProLED Wallpack HID Retrofit Series



Features

- 180° Beam angle
- Rated for Enclosed Fixtures
- 350° rotatable base to assist installation
- 4000K and 5000K color temperature
- UL Listed for Wet locations
- IP64 Rated for dust protection
- Ballast Bypass
- E26 and E39 base options
- Replaces 70W-225W MH or HPS
- 50,000 Hour Rated Lifetime
- 5 Year Warranty
- Safety Cable included



The ProLED Wallpack HID Retrofit Series lamps are an easy to install LED solution for Wall Pack and Flood Light fixtures. This lamp features a 180° beam angle with a rotatable base for ease of installation. ProLED HID Retrofit lamps offer an energy-efficient replacement for 70W to 250W traditional luminaires. This lamp is enclosed fixture rated, IP64 and backed with a Halco 5 year warranty. They are available in 4000K and 5000K color temperatures.

Ordering Information

Ordering Code	Product Number	Wattage	CCT
84024	HID20H/840/MV/LED	20	4000K
84025	HID20H/850/MV/LED	20	5000K
84026	HID40H/840/MV/LED	40	4000K
84027	HID40H/840/MV/E39/LED	40	4000K
84028	HID40H/850/MV/LED	40	5000K
84029	HID40H/850/MV/E39/LED	40	5000K
84030	HID60H/840/MV/LED	60	4000K
84031	HID60H/840/MV/E39/LED	60	4000K
84032	HID60H/850/MV/LED	60	5000K
84033	HID60H/850/MV/E39/LED	60	5000K

Applications

Pre-existing HID Fixtures Including, but not limited to:

- Wallpacks
- Shoebox
- Canopy
- Low Bay
- Cobra Heads

Example: HID20H/840/MV/LED

HOUSING	WATTAGE	CRI	CCT	MODEL	BASE	TYPE
HID	20H	8	40	MV		LED
	20H 40H 60H	8=82	*40=4000K 50=5000K	MV	E26 E39	LED

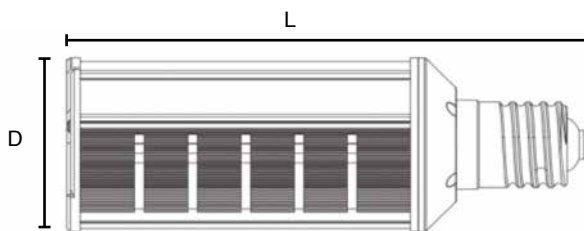
*4000K made to order. For more information and lead times please contact your Customer Care Specialist.

Product Specification Table

Rated Wattage	20	40	60
Rated Lumen Output	3,000	6,000	9,000
Efficacy	>140LPW		
Energy Savings	70W MH/HPS replacement equating to an approximate 75% energy savings	175W MH/HPS replacement equating to an approximate 75% energy savings	250W MH/HPS replacement equating to an approximate 75% energy savings
*L70 Useful Lifetime	50,000hrs		
L70 Seller	Maintenance and relamping costs reduced dramatically due to high L70 life time rating		
Voltage Range	120 - 277VAC		
Base Type	E26	E26, E39	E26, E39
CCT	4000K, 5000K		
CRI	82		
Beam Angle	180°		
Surge Protection	4kV		
Warranty	5 Year Standard Halco Warranty		
Operating Temperature	- 40°F to 140°F		
Power Factor	>0.9		
**IP Rating	IP64		
LED Quantity	96	192	294
Qualifications	DLC Standard, UL, cULus		
Product Weight (lbs)	1.28	1.98	2.25
Dimensions (in.)	E26 - 5.15" x 3.62"	E26 - 7.79" x 3.62" E39 - 8.46" x 3.62"	E26 - 9.96" x 3.62" E39 - 10.7" x 3.62"

*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. ** Check the latest update at www.DesignLights.org for listed product catalog numbers. All versions may not be listed. ***IP64 - Rated as 'Dust Tight' and 'Splash' protected

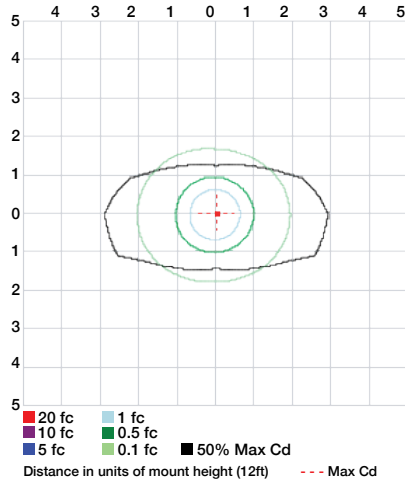
Dimensions



Watt	E26	E39
20W	3.62" x 5.16"	3.62" x 5.83"
40W	3.62" x 7.80"	3.62" x 8.46"
60W	3.62" x 9.96"	3.62" x 10.71"

Photometrics

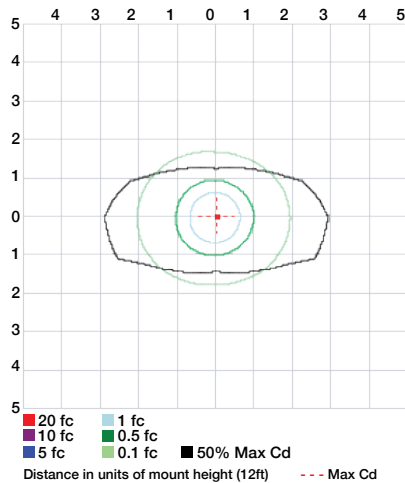
ISO Footcandle plot 20W ISO FC_15ft



ZONAL LUMEN SUMMARY		
ZONE	LUMENS	% LUMINAIRE
0-30	647.6	22.3%
0-40	1,062.9	36.6%
0-60	1,902.7	65.6%
60-90	764.6	26.4%
70-100	534.5	18.4%
90-120	204.9	7.1%
0-90	2,667.3	91.9%
90-180	234.5	8.1%
0-180	2,901.8	100%

LUMENS PER ZONE					
ZONE	LUMENS	% TOTAL	ZONE	LUMENS	% TOTAL
0-10	78.4	2.7%	90-100	111.2	3.8%
10-20	225.5	7.8%	100-110	63.9	2.2%
20-30	343.6	11.8%	110-120	29.8	1%
30-40	415.3	14.3%	120-130	12.3	0.4%
40-50	433.8	14.9%	130-140	6.2	0.2%
50-60	406.0	14.0%	140-150	4.6	0.2%
60-70	341.3	11.8%	150-160	3.5	0.1%
70-80	252.5	8.7%	160-170	2.2	0.1%
80-90	170.8	5.9%	170-180	0.8	0%

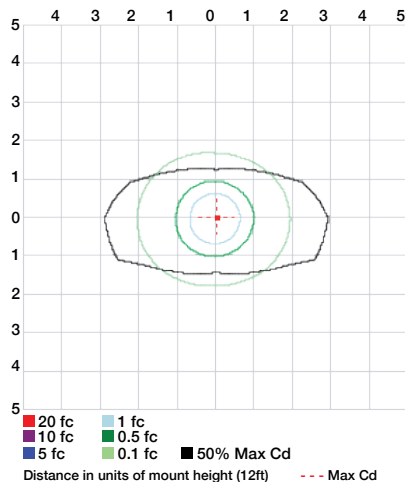
ISO Footcandle plot 40W ISO FC_15ft



ZONAL LUMEN SUMMARY		
ZONE	LUMENS	% LUMINAIRE
0-30	1,274.2	21.6%
0-40	2,097.8	35.6%
0-60	3,785.0	64.3%
60-90	1,566.6	26.6%
70-100	1,119.7	19%
90-120	456.7	7.8%
0-90	5,351.7	90.9%
90-180	537.3	9.1%
0-180	5,888.9	100%

LUMENS PER ZONE					
ZONE	LUMENS	% TOTAL	ZONE	LUMENS	% TOTAL
0-10	155.3	2.6%	90-100	237.1	4%
10-20	444.6	7.6%	100-110	141.0	2.4%
20-30	674.3	11.5%	110-120	78.6	1.3%
30-40	823.6	14.0%	120-130	41.1	0.7%
40-50	870.4	14.8%	130-140	16.9	0.3%
50-60	816.9	13.9%	140-150	9.5	0.2%
60-70	684.1	11.6%	150-160	7.0	0.1%
70-80	517.8	8.8%	160-170	4.5	0.1%
80-90	364.8	6.2%	170-180	1.6	0%

ISO Footcandle plot 60W ISO FC_15ft



ZONAL LUMEN SUMMARY		
ZONE	LUMENS	% LUMINAIRE
0-30	184.9	2.1%
0-40	491.2	5.5%
0-60	1,686.0	19%
60-90	2,851.4	32.1%
70-100	3,014.5	33.9%
90-120	2,794.0	31.4%
0-90	4,537.4	51%
90-180	4,356.1	49%
0-180	8,893.5	100%

LUMENS PER ZONE					
ZONE	LUMENS	% TOTAL	ZONE	LUMENS	% TOTAL
0-10	3.3	0.0%	90-100	1,018.8	11.5%
10-20	38.9	0.4%	100-110	950.2	10.7%
20-30	142.7	1.6%	110-120	825.1	9.3%
30-40	306.3	3.4%	120-130	656.2	7.4%
40-50	501.3	5.6%	130-140	465.0	5.2%
50-60	693.5	7.8%	140-150	279.8	3.1%
60-70	855.7	9.6%	150-160	126.5	1.4%
70-80	970.1	10.9%	160-170	32.3	0.4%
80-90	1,025.7	11.5%	170-180	2.3	0%