

application

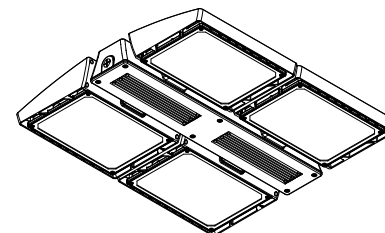
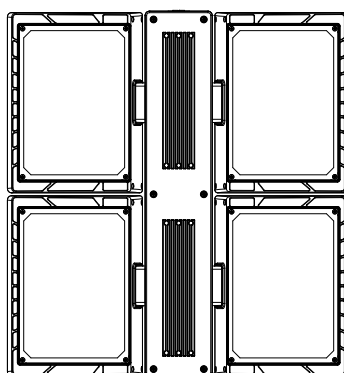
- This luminaire can be used to illuminate manufacturing, warehousing, gymnasiums, arenas and many other large indoor spaces with control and precision.
- DLC(Design Lights Consortium)Qualified - Check DLC web site.

construction & features

- Die cast aluminum driver housing.
- Die cast aluminum heat sinks for light engines provide excellent thermal transfer to extend component life.
- Tempered glass lens with molded silicone rubber gasket seals the optical compartment.
- Polyester powder finish on all die cast parts for excellent impact, corrosion and UV resistance.
- LED light engines and drivers are field replaceable.
- 5 Year Limited Warranty
- Components are RoHS compliant.

electrical

- Listed by ETL to meet UL 1598 standards for damp location and 45° C ambient.
- Dimming drivers are standard. Control is 0-10V DC. (See wiring notes below)
- Furnished with surge protector.



Specifier's Reference

Project

Type

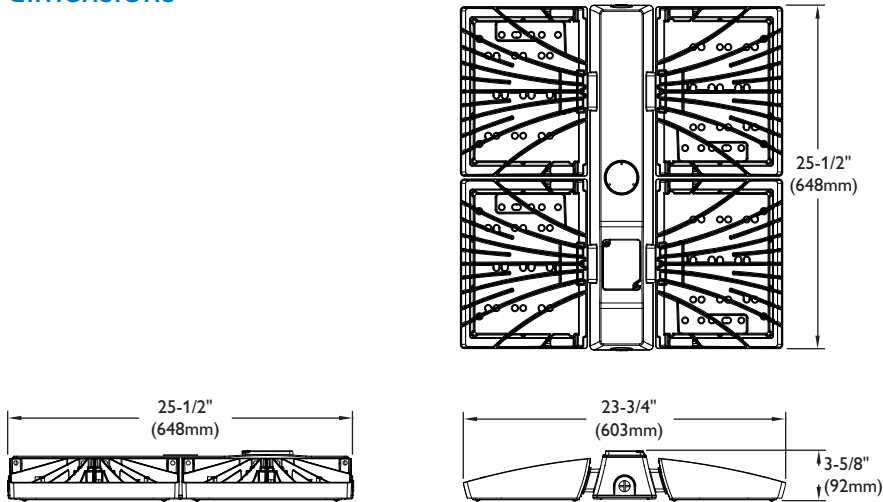
Model No.

Comments

Green Choice: HBL128GL70NW-UNV-MC-WT

HBL									
Family		Driver Current		Voltage		Mounting		Options	
HBL		35 – 350 mA 53 – 530 mA 70 – 700 mA		UNV – 120-277 120 – 120 208 – 208 240 – 240 277 – 277 HRV – 347-480 347 – 347 480 – 480		C – Cable P – Pendant stem or hook S – Surface Mount (Requires OB or OBD - Order Separately)		WHP6 – Wired Hook, 6' Cord & NEMA Plug ^{1,2,56} WP6 – Wired 6' Cord & NEMA Plug ^{1,2,56} WC6 – Wired 6' Cord ¹ WHP6D – Wired Hook, 6' Cord & NEMA plug for Line Voltage; Wired 6' Cord & Plug for Dimming Control ^{1,2,56} WP6D – Wired 6' Cord & NEMA plug for Line Voltage; Wired 6' Cord & Plug for Dimming Control ^{1,2,56} WC6D – Wired 6' Cord for Line Voltage; Wired 6' Cord for Dimming Control ¹ MD360D – 360 Motion Detector ^{56,1,2,3} MD180D – 180 Motion Detector ^{56,1,2,3} WL – Wet location IP65 – IP65 (Cable mount version Only) EMPAR – Emergency Lampholder (Wiring & Lamp by others) ¹ IND – Indirect ² WSF – Wired Single Fuse ⁴⁶ WDF – Wired Double Fuse ⁴⁵ FGS – Solite Lens XTR – Extreme Environment (consult factory for details)	
No. of LEDs			CCT		Optics		Paint Colors		
128GL			WW – 3000K (CRI=84) NW – 4000K (CRI=76) CW – 5700K (CRI=68)		N – Narrow M – Medium W – Wide A – Aisle		BZ – Dark Bronze WT – White BK – Black AL – Silver Aluminum (Consult factory for other colors)		
Accessories (Order Separately)									
CH – Cover Half for Power Hook (use with PB) PB – Power Box for Power Hook (use with CH) HMR – Suspension Hook Male LMR – Suspension Loop Male HP12-6 – Hook-Cord-Plug Assembly 120V (P mounting only) HP25-6 – Hook-Cord-Plug Assembly 208-240V (P mounting only) HP27-6 – Hook-Cord-Plug Assembly 277V (P mounting only) HP48-6 – Hook-Cord-Plug Assembly 480V (P mounting only) SCB3 – Ballast Retainer Chain 3' OB – Thru-wire outlet box OBD – Thru-wire outlet box with disconnect OBD4 – Thru-wire outlet box with 4 wire disconnect OBD5 – Thru-wire outlet box with 5 wire disconnect HBL-Grip5 – 5' Cables with snap hooks HBL-Grip10 – 10' Cables with snap hooks HBL-Grip15 – 15' Cables with snap hooks HBL-Grip20 – 20' Cables with snap hooks WG-HBL4 – 4 wire guards-1/ pod (Refer to Section 18000 for additional accessories.)									
Wiring Notes									
Standard cords or cord and plug assemblies have 3 wires. Consult factory for cord or cord and plug options for dimming.									
General Notes									
All options factory installed. All accessories are field installed. Ambient is 40°C for surface mount or for unit hung 12" or less from the ceiling.									
Predicted L ₇₀ Lifetime									
25°C Ambient - > 100,000 hours 45°C Ambient - = 100,000 hours (based upon LED manufacturer's supplied LM-80 data and in-situ laboratory testing)									
Footnotes									
¹ Not available with IP65 option. ² Not available with WL option. ³ Motion detector is ON/DIM only. ⁴⁵ Use with 208, 240 and 480 volt. ⁴⁶ Use with 120, 277 and 347 volt. ⁵⁶ Must specify voltage.									
									Weight = 36 lbs. (max.)





photometry

LEDs: 4x32 Cree XPG

Distribution – Medium CCT: NW

Catalog No.		Candlepower		Light Distribution				Average Luminance			
Test No.		Angle		Degrees	Lumens	% Lamp	% Luminaire	Angle	End	45°	Cross
S/MH		1.4		0-30	9070	40.8	40.8	45	27805	19966	20149
Current		700mA		0-40	15502	69.7	69.7	55	4923	3989	3732
Input Watts		287		0-60	21523	96.8	96.8	65	3483	2675	2552
Lumens		22,234		0-90	22234	100.0	100.0	75	2293	1648	1353
Efficacy		77.5 lm/W						85	688	224	172

Catalog No.		Candlepower		Light Distribution				Average Luminance			
Test No.		Angle		Degrees	Lumens	% Lamp	% Luminaire	Angle	End	45°	Cross
S/MH		1.4		0-30	9070	40.8	40.8	45	27805	19966	20149
Current		700mA		0-40	15502	69.7	69.7	55	4923	3989	3732
Input Watts		287		0-60	21523	96.8	96.8	65	3483	2675	2552
Lumens		22,234		0-90	22234	100.0	100.0	75	2293	1648	1353
Efficacy		77.5 lm/W						85	688	224	172

The photometric results were obtained in the Philips Day-Brite laboratory which is NVLAP accredited by the National Institute of Standards and Technology.

Photometric data based on tests performed in compliance with LM-79

LEDs: 4x32 Cree XPG

Distribution – Wide CCT: NW

Catalog No.		Candlepower		Light Distribution				Average Luminance			
Test No.		Angle		Degrees	Lumens	% Lamp	% Luminaire	Angle	End	45°	Cross
S/MH		2.7		0-30	3624	16.1	16.1	45	31294	31931	32268
Current		700mA		0-40	7366	32.8	32.8	55	40895	40678	38128
Input Watts		287		0-60	19747	88.0	88.0	65	9094	5222	4046
Lumens		22,435		0-90	22435	100.0	100.0	75	2131	1905	1512
Efficacy		78.2 lm/W						85	825	555	600

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Test No.		Angle		Degrees	Lumens	% Lamp	% Luminaire	Angle	End	45°	Cross
S/MH		2.7		0-30	3624	16.1	16.1	45	31294	31931	32268
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