

HLMB MEDIUM BASE

ENCLOSED & GASKETED

Cat. #		Approvals
Job	Type	



APPLICATIONS

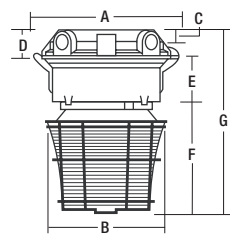
- Process lighting for use in manufacturing, corrosive, chemical, petrochemical, and marine facilities

SPECIFICATIONS

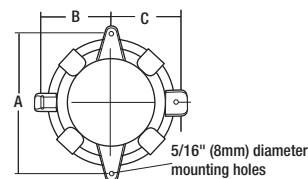
- Enclosed and gasketed housing and lamp
- Compact design for low profile mounting
- Houses medium base HID to twin tube fluorescent lamps
- Ballast housing, cover and globe guard is copper-free (<0.4%) aluminum with baked powder polyester electrostatically-applied finish
- Stainless steel external hardware
- Steel refractor guard with corrosion-resistant finish
- Corrosion-resistant polyester reinforced fiberglass reflector
- Fluorescent models furnished with lamps

LISTINGS

- UL844 Standard: Class I, Division 2, Groups A, B, C, D; Class II, Division 1/2, Groups E, F, G; Class III
- UL1598A Marine Outdoor; NEMA 3, 4X
- UL1598 Wet Location



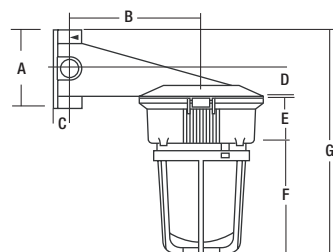
CEILING MOUNT



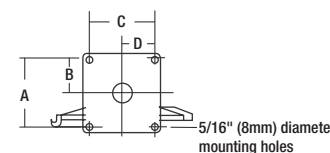
CEILING MOUNT HUB

A	B	C
9 ¹¹ / ₁₆ "	4 ⁵ / ₈ "	4 ⁹ / ₁₆ "
246 mm	117 mm	116 mm

A	B	C	D	E	F	G
10"	8 ⁵ / ₃₂ "	1 ³ / ₁₆ "	1 ¹¹ / ₁₆ "	2 ¹⁵ / ₁₆ "	8 ⁹ / ₁₆ "	1 ³ / ₈ "
254 mm	207 mm	21 mm	43 mm	75 mm	217 mm	340 mm



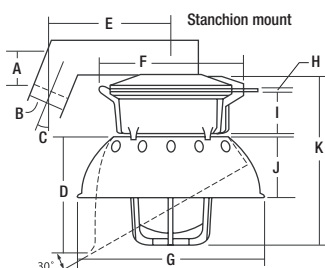
WALL MOUNT



WALL MOUNT HUB

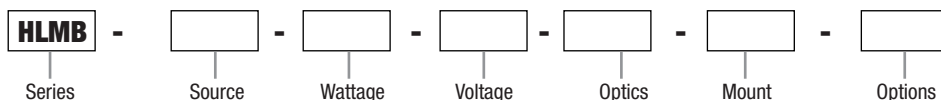
A	B	C	D
4 ⁹ / ₁₆ "	2 ⁹ / ₃₂ "	4 ⁵ / ₁₆ "	2 ⁵ / ₃₂ "
116 mm	58 mm	110 mm	55 mm

A	B	C	D	E	F	G
5 ⁵ / ₁₆ "	9 ¹⁵ / ₁₆ "	1 ¹ / ₁₆ "	1 ¹⁵ / ₁₆ "	2 ¹⁵ / ₁₆ "	7 ³ / ₈ "	1 ⁴ / ₇ "
135 mm	252 mm	27 mm	49 mm	75 mm	187 mm	378 mm



A	B	C	D	E	F	G	H	I	J	K
2 ¹ / ₈ "	2 ¹ / ₄ "	25°	7 ³ / ₈ "	9 ⁵ / ₁₆ "	10"	16 ⁷ / ₈ "	19 ¹ / ₁₆ "	2 ¹⁵ / ₁₆ "	5 ¹ / ₂ "	11 ¹ / ₄ "
54 mm	57 mm		187 mm	237 mm	254 mm	429 mm	40 mm	75 mm	140 mm	286 mm

ORDERING INFORMATION: HLMB-H-70-1-G-A2-SU103



SERIES

HLMB HLMB Medium Base

SOURCE

- F** Fluorescent
- L** High Pressure Sodium
- H** Metal Halide

WATTAGE

- 13** (1) 13 watt PL lamp (120V or 277V only)
- 26** (2) 13 watt PL lamp (120V or 277V only)
- 39** (3) 13 watt PL lamp (120V only)
- 50** 50 watt HPS, MH
- 70** 70 watt HPS, MH
- 10** 100 watt HPS, MH
- 15** 150 watt HPS

VOLTAGE

- 0** Quadri-Volt (120, 208, 240, 277V)
- 1** 120V
- 5** 480V
- 6** Tri-Tap Canada (120, 277, 347)
- 7** 220V
- 8** 220/240V 50 Hz

OPTICS

- G** Fluted Glass Globe
- GG** Globe & Guard
- R5** Glass Refractor, Type V
- R5G** Enclosed Refractor (KHD & KHE only)

MOUNT

- A2** 3/4" Pendant
- A3** 1" Pendant
- X2** 3/4" Ceiling
- X3** 1" Ceiling
- B2** 3/4" Bracket
- B3** 1" Bracket
- D4** 1 1/4" Stanchion
- D5** 1 1/2" Stanchion

OPTIONS

- SU103** Assembled with Lamp

ACCESSORIES

(order as separate part #)

Catalog Number	Description
HLMBG	Fluted Glass Globe
HLMBAG	Cast Aluminum Guard for globe units
HLVMRWG8	Wire Guard for glass refractor units
HLVZRG1550	Glass Refractor, Type V
HLVMPSD17	Standard Dome Reflector (polyester reinforced fiberglass)
HLVMPA17	30° Angle Reflector (polyester reinforced fiberglass)

COMPONENT PARTS**HLMB BALLAST TANK**

CATALOG NUMBER	WATTAGE	VOLTAGE 60 Hz
HIGH PRESSURE SODIUM		
HLMBL501	50	120
HLMBL701	70	120
HLMBL101	100	120
HLMBL151	150	120
METAL HALIDE		
HLMBH500	50	Quad-Tap®
HLMBH700	70	Quad-Tap®
FLUORESCENT		
HLMBF131	13	120
HLMBF261	26	120
HLMBF391	39	120

NOTE: Catalog numbers shown are 120V (except metal halide).
Consult Catalog Logic number and change sixth character to indicate other available types.

HLMB MOUNTING ADAPTERS

CATALOG NUMBER				
PENDANT	CEILING	WALL	STANCHION	HUB SIZE
HLMBA-2	HLMBX-2	HLMBB-2	-	3/4"
HLMBA-3	HLMBX-3	HLMBB-3	-	1"
-	-	-	HLMBD-4	1 1/4"
-	-	-	HLMDB-5	1 1/2"

NOTE: Catalog numbers shown are 120V (except metal halide).
Consult Catalog Logic number and change sixth character to indicate other available types.

TEMPERATURE CODES

TWIN TUBE FLUORESCENT HAZARDOUS LOCATION DATA

LAMP QUANTITY	WATTS/LAMP	VOLTAGE	RATED AMBIENT °C	LAMP TEMPERATURE WITH GLOBE, OR GLOBE & REFLECTOR, OR 8" GLASS REFRACTOR	
				UL/NEC TEMP. I.D.	CSA/C.E.C. TEMP. I.D.
CLASS I, DIVISION 2, GROUPS A, B, C, D					
1	13	120V	40	165°C (T3B)	180°C (T3A)
2	13	120V	40	165°C (T3B)	180°C (T3A)
3	13	120V	25	180°C (T3A)	200°C (T3)
1	13	277V	40	160°C (T3C)	160°C (T3C)
2	13	277V	40	160°C (T3C)	160°C (T3C)
CLASS II, DIVISION 1 & 2, GROUPS E, F, G					
1	13	120V	40	135°C (T4)	135°C (T4)
2	13	120V	40	135°C (T4)	135°C (T4)
3	13	120V	25	135°C (T4)	135°C (T4)
1	13	277V	40	135°C (T4)	135°C (T4)
2	13	277V	40	135°C (T4)	135°C (T4)
CLASS III, DIVISION 1 & 2					
1	13	120V	40	Yes	Yes
2	13	120V	40	Yes	Yes
3	13	120V	25	Yes	Yes
1	13	277V	40	Yes	Yes
2	13	277V	40	Yes	Yes

CLASS I, DIVISION 2, GROUPS A, B, C, D HLMB HAZARDOUS LOCATION APPLICATION DATA

LAMP		RATED AMBIENT °C	CLASS I, DIVISION 2, GROUPS A, B, C, D ¹			UL 1598A LISTED	SUPPLY WIRE SUITABLE FOR °C
WATTAGE	TYPE		W/O REFLECTOR ² °C	WITH REFLECTOR °C	WITH REFRACTOR °C		
50	HPS	40	T2D (215)	T2D (215)	T2D (215)	Yes	75
50	HPS	55	T2C (230)	T2C (230)	T2C (230)	Yes	90
50	HPS	65	T2C (230)	T2C (230)	T2C (230)	Yes	90
50	MH	40	T2B (260)	T2B (260)	T2B (260)	Yes	–
70	HPS	40	T2B (260)	T2B (260)	T2B (260)	Yes	75
70	MH	40	T1 (325)	T1 (325)	T1 (325)	Yes	–
100	HPS	40	T2A (280)	T2A (280)	T2A (280)	Yes	90
150	HPS	40	T1 (325)	T1 (325)	T1 (325)	Yes	110

1 The suitability of these fixtures for Class I, Div. 2 locations must be determined for each application based on NEC Article 501-9(b) 2.
 2 Based on luminaire with globe and guard only.

CLASS II, DIVISION 1 & 2, GROUPS E, F, G; CLASS III, DIVISION 1 & 2 HLMB HAZARDOUS LOCATION APPLICATION DATA

LAMP		RATED AMBIENT °C	CLASS II, DIVISION 1 & 2, GROUPS E, F, G ^{2,3}			CLASS III, DIVISION 1 & 2			SUPPLY WIRE SUITABLE FOR °C
WATTAGE	TYPE		W/O REFLECTOR °C	WITH REFLECTOR °C	WITH REFRACTOR °C	W/O REFLECTOR °C	WITH REFLECTOR ¹ °C	WITH REFRACTOR °C	
50	HPS	40	T4A (120)	T4A (135)	T4A (120)	Yes	Yes	Yes	75
50	HPS	55	T4 (135)	T3C (160)	T4 (135)	Yes	Yes	Yes	90
50	HPS	65	T3C (160)	T3C (160)	T3C (160)	Yes	Yes	Yes	90
50	MH	40	–	–	–	Yes	Yes	Yes	–
70	HPS	40	T4A (120)	T4A (120)	T4A (120)	Yes	Yes	Yes	75
70	MH	40	–	–	–	Yes	Yes	Yes	–
100	HPS	40	T3C (160)	T3C (160)	T3C (160)	Yes	Yes	Yes	90
150	HPS	40	T3A (180)	T3 (200)	T3C (160)	No	No	Yes	110

1 Included both standard dome and angle reflectors.
 2 Guard required for Class I, Division 1 and Class III, Division 1 applications.
 3 150 watt HPS – Groups E, F only with or without reflector; and Groups E, F, G with reflector.

Due to our continued efforts to improve our products, product specifications are subject to change without notice.



Industrial Lighting

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For more information visit our web site: www.hubbell-ltg.com