

KEMLUX® II KH SERIES

ENCLOSED/GASKETED

Cat. #		Approvals
Job	Type	



APPLICATIONS

- For use in corrosive, harsh, hazardous applications such as chemical, petrochemical, marine, power generation, pharmaceutical, or food processing plants.

SPECIFICATIONS

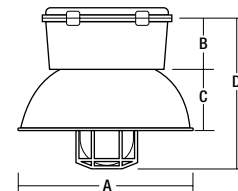
- Mogul base socket. Cover selection of rigid and flexible pendant, ceiling, wall and 25° stanchion in varying threaded NPT entries.
- Minimum starting temperature of -20°F for MV/MH and -40°F for HPS.
- Copper-free (<0.4%) aluminum housing, cover and guard with white Lektrocote® powder polyester paint finish.
- Optic choices of impact-resistant glass globe, symmetrical/asymmetrical glass refractors, dome/angle FRP reflector, 19" enclosed reflector, and polycarbonate enclosed low bay.
- Modular design permits selection of cover, body, globe, guard and reflector for custom applications.

LISTINGS

- UL 844 Standard: Class I, Division 2, Groups A, B, C, D; Class II, Div. 1 & 2, Groups E, F, G; Class III, Div. 1 & 2.
- UL 1598A Marine Outdoor, NEMA 4X with K-G globe; 40°C ambient listed; UL 1598 Wet Location.



medium housing



GLOBE (K-G), GUARD (K-10),
DOME (K-06)

A	B	C	D
16 ³ / ₈ "	4 ³ / ₄ "	5 ⁵ / ₈ "	14 ¹ / ₂ "

MORE DIMENSIONS INSIDE

ORDERING INFORMATION

ORDERING EXAMPLE: KH-10S8-G-P2-F4

KH	-				-		-		-	
Series		Wattage	Source	Voltage		Optical Assembly		Mount		Options

SERIES

KH Kemlux II® KH Series

WATTAGE

MEDIUM HOUSING

70 70 watt HPS, Pulse Start MH

15 150 watt HPS

17 175 watt Pulse Start MH

LARGE HOUSING

40 400 watt HPS Pulse Start MH

SOURCE

S High Pressure Sodium (HPS)

P Pulse Start (Consult Factory)

VOLTAGE

5 480V (not available for

50 watt HPS)

8 Quad-Tap®

(120, 208, 240, 277V)

E 220/240V 50Hz

OPTICAL ASSEMBLY

MEDIUM HOUSING

G Globe

MEDIUM OR LARGE HOUSING

L Symmetrical Glass Refractor

LARGE HOUSING

M Asymmetrical Glass Refractor

E Enclosed Reflector

MOUNT

C2 3/4" Ceiling

D4 1 1/4" Stanchion

D5 1 1/2" Stanchion

P2 3/4" Pendant

W2 3/4" Wall

OPTIONS

F(X) Fusing (X indicates voltage)^{1,2}

FA Factory Assembled - lamp and globe installed onto housing; includes mounting adapter and/or guard (medium housing only); reflector shipped separately³

¹ To specify voltage, replace X with 1-120V, 2-208V, 3-240V, 4-277V, 5-480V, F-347.

² Not offered with CSA listing.

³ Lamp ordered separately

ORDERING INFORMATION

KH SERIES MOUNTING ADAPTERS The following mounting adapters are available for the KH Series. Order separately or refer to Catalog Logic for complete fixture.

Catalog Number	Description	Hubs		Plugs Qty	Weight	
		Size	Qty		lbs.	kg
KH-P2	Pendant	¾"	1	—	1.5	0.7
KH-C2	Ceiling	¾"	4	3	2.0	0.9
KH-D4	25° Stanchion	1¼"	1	—	4.0	1.8
KH-D5	25° Stanchion	1½"	1	—	4.0	1.8
KH-W2	Wall	¾"	4	3	4.0	1.8

KH SERIES BALLAST HOUSING

Wattage	Voltage	Catalog Number	
		HPS	Pulse Start Metal Halide
70W	120/208/240/277 480	KH70S8	KH70H8
		KH70S5	KH70H5
150W	120/208/240/277 480	KH15S8	—
		KH15S5	—
175W	120/208/240/277 480	—	—
		—	—
400W	120/208/240/277 480	KH40S8	KH40P8
		KH40S5	KH40P5

KH SERIES ACCESSORIES

Catalog Number	Description	Weight	
		lbs.	kg
K-10	Cast Guard for K-G globe	1	0.5
K-20	Steel Wire Guard for K-L & K-M glass refractors (zinc plated)	2	0.9
K-30	Steel Wire Guard for K-E enclosed refractors (painted)	1	0.5
K-06	Standard Dome Reflector for K-G globe (FRP)	1	0.5
K-07	30° Angle Reflector for K-G globe (FRP)	1	0.5

KH SERIES OPTICS

Catalog Number	Description	Weight	
		lbs.	kg
K-G	Prismatic, heat-resistant Glass Globe (medium housing only)	2	0.9
K-E	19" Enclosed Reflector	7	3.2
K-L	Symmetrical (Type V) Glass Refractor	13	5.9
K-M	Asymmetrical (Type II) Glass Refractor	13	5.9

TEMPERATURE RATINGS

CLASS I, DIVISION 2, CLASS II, DIVISION 1 & 2, CLASS III, DIVISION 1 & 2
K-E/K-30 ENCLOSED REFLECTOR/GUARD

CLASS I, DIVISION 2			CLASS II, DIV. 1 & 2 - CLASS III, DIV. 1 & 2			MAXIMUM AMBIENT °C
WATTAGE	TEMP RATING °C	T-CODE	GROUPS	TEMP RATING °C	T-CODE	
400W HPS	350 ¹	— ¹	E, F, G	160	T3C	40
400W MH	300	T2	E, F, G	160	T3C	40

¹ No T-Rating Code exists for 325°C or 350°C T-Ratings.

MORE T-RATINGS ON BACK

TEMPERATURE RATINGS

CLASS I, DIVISION 2, CLASS II, DIVISION 1 & 2, CLASS III, DIVISION 1 & 2

K-G/K-10/K-06/K-07 GLASS GLOBE AND GUARD INCLUDING ANGLE AND DOME

CLASS I, DIVISION 2			CLASS II, DIV. 1 & 2 - CLASS III, DIV. 1 & 2			MAXIMUM AMBIENT °C
WATTAGE	TEMP RATING °C	T-CODE	GROUPS	TEMP RATING °C	T-CODE	
HIGH PRESSURE SODIUM						
50W	165	T3B	E, F, G	135	T4	40
70W	165	T3B	E, F, G	135	T4	40
100W	215	T2D	E, F, G	135	T4	40
150W	260	T2B	E, F, G	160	T3C	40
PULSE START METAL HALIDE						
70W	180	T3A	E, F, G	120	T4A	40
100W	200	T3	E, F, G	160	T3C	40
175W	260	T2B	E, F (K-06) E, F, G (K-07)	200 160	T3 (K-06) T3C (K-07)	40
250W ¹	300	T2	—	—	—	40
250W ²	400 ³	T1 ³	—	—	—	40

¹ Ceiling, pendant, wall bracket mounting.

² Davit mount only.

³ Actual T-Rating range does not exceed 400°C.

CLASS I, DIVISION 2, CLASS II, DIVISION 1 & 2, CLASS III, DIVISION 1 & 2

K-L/K-20 GLASS REFRACTOR AND GUARD, K-M/K-20 GLASS REFRACTOR AND GUARD

CLASS I, DIVISION 2			CLASS II, DIV. 1 & 2 - CLASS III, DIV. 1 & 2			MAXIMUM AMBIENT °C
WATTAGE	TEMP RATING °C	T-CODE	GROUPS	TEMP RATING °C	T-CODE	
HIGH PRESSURE SODIUM						
50W	180	T3A	E, F, G	160	T3C	40
70W	180	T3A	E, F, G	160	T3C	40
100W	200	T3	E, F, G	160	T3C	40
150W	230	T2C	E, F, G	160	T3C	40
250W	280	T2A	E, F, G	160	T3C	40
400W	350 ¹	— ¹	E, F, G	160	T3C	40
METAL HALIDE						
70W	165	T3B	E, F, G	120	T4A	40
100W	200	T3	E, F, G	160	T3C	40
175W	260	T2B	E, F, G	160	T3C	40
250W	300	T2	E, F, G	160	T3C	40
400W	300	T2	E, F, G	180	T3A	40

¹ No T-Rating Code exists for 325°C or 350°C T-Ratings.

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



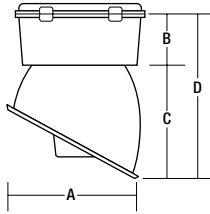
Industrial Lighting

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

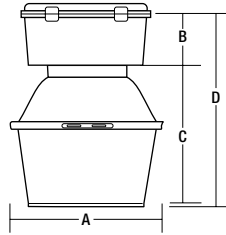
DIMENSIONS

medium housing



GLOBE (K-G), ANGLE DOME (K-07)

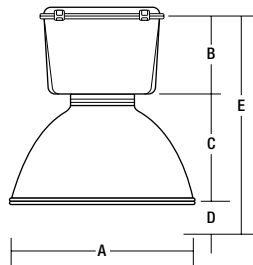
A	B	C	D
11 ¹ / ₄ "	4 ³ / ₄ "	10 ¹ / ₄ "	15"



GLASS REFRACTOR (K-L)

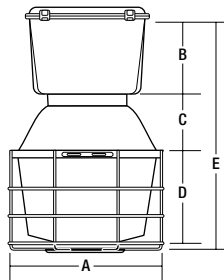
A	B	C	D
12 ¹ / ₄ "	4 ³ / ₄ "	13 ⁵ / ₁₆ "	18 ⁷ / ₁₆ "

large housing



ENCLOSED REFRACTOR (K-E)

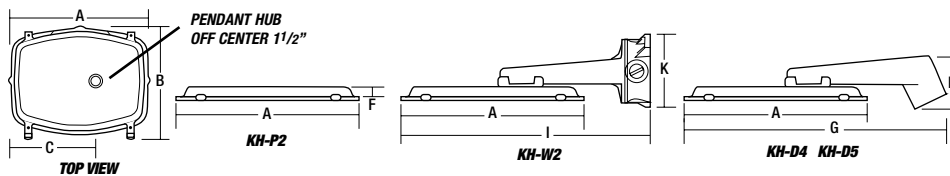
A	B	C	D	E
19"	6 ¹ / ₁₆ "	12 ⁵ / ₈ "	3 ¹ / ₂ "	22 ¹ / ₄ "
483 mm	154 mm	321 mm	89 mm	565 mm



REFRACTOR (K-L, K-M), GUARD

A	B	C	D	E
13 ¹ / ₄ "	6 ¹ / ₁₆ "	5 ³ / ₄ "	7 ⁹ / ₁₆ "	19 ³ / ₄ "
337 mm	154 mm	146 mm	192 mm	502 mm

mounting adapters



A	B	C	D	E	F	G	H	I	J	K	L
12 ¹ / ₄ "	10"	7 ¹ / ₁₆ "	5 ⁵ / ₈ "	45°	2 ³ / ₁₆ "	17 ¹ / ₈ "	3 ¹ / ₂ "	16 ¹ / ₂ "	5"	4 ⁷ / ₁₆ "	17 ¹ / ₈ "
311 mm	254 mm	179 mm	143 mm	—	56 mm	435 mm	89 mm	419 mm	127 mm	113 mm	435 mm