Class I, Div. 2 Groups A,B,C,D①②
Class I, Zone 2, Groups IIC,IIB,IIA (nR⑥)

Suitable for wet locations

NEMA 4X, IP66

ABS Type Approval

Type approval for shipboard use⑤

FEATURES-SPECIFICATIONS

Applications

KF series floodlights can be used in industrial installations where flammable gases or vapors may exist due to abnormal conditions resulting in the creation of a Class I, Div. 2 hazardous location as defined by the NEC. Also can be used where general corrosive atmospheric conditions exist such as ocean piers, marinas and costal areas.

Designed for heavy duty applications where long life and maintenance-free service are essential.

Features

- Rugged weathertight housing of copper-free aluminum with corrosion resistant bronze finish
- Wide beam distribution
- Thermal shock, impact-resistant lens
- Continuous silicone gasketing
- All external hardware is corrosion resistant including HubbellGard® ceramic coated screws
- Trunnion mounting-heavy gauge, hot dip galvanized steel mounting with stainless steel hardware
- Photometric data & accessories—see page L175
- NR suffix Restricted Breathing models provide lower T-codes
- 3/4" NPT entry on back lower left

KF HID FLOODLIGHTS

CATALOG NUMBER	LAMP AND WATTAGE	** VOLTS	BEAM SPREAD H° X V°
KFS150-76 KFS155-76	150 HPS	QUAD 480	7 (144°) X 6 (113°)
KFS250-76 KFS255-76	250 HPS	QUAD 480	7 (144°) X 6 (113°)
KFS400-76 KFS405-76	400 HPS	QUAD 480	7 (144°) X 6 (113°)
KFS1000-76 KFS1005-76	1000 HPS ②③	QUAD 480	7 (144°) X 6 (113°)
KFH250-76 KFH255-76	250 MH*	QUAD 480	7 (145°) X 6 (115°)
KFH400-76 KFH405-76	400 MH*	QUAD 480	7 (146°) X 6 (119°)
KFH1000-76 KFH1005-76	1000 MH ②④	QUAD 480	7 (144°) X 6 (113°)
K800-2918-0135	Replacement Lens and Door Assembly		

** Mercury lamps may be used if desired. Lamps not included.*

*** Change 0 or 5 voltage code to 8 for 240V 50HZ e.g. KFH408-76. Consult factory for other available voltages.*

③ *Use Phillips C1000S52/ED37 11-1/2" lamp.*

④ *Use 11-1/2" BT37 lamp available from GE, Venture or Phillips.*

⑤ *Not suitable for submersion or wave impact applications.*

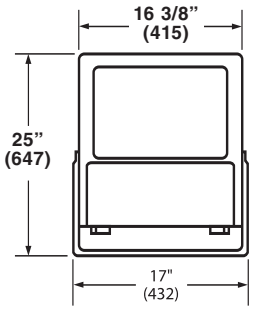
⑥ *Add suffix NR to catalog number for restricted breathing, See chart above for lower T-codes*

TEMPERATURE DATA⑤

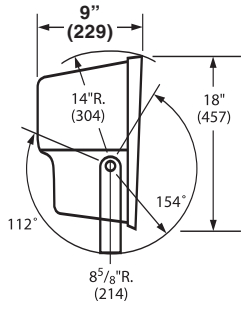
LAMP AND WATTAGE	CLASS I, DIV. 2①② MAX. LAMP TEMP. RATING °C	TEMP. CODE CLI Div.2/nR
HIGH PRESSURE SODIUM		
150	260	T2B/T4
250	325	T1/T3
400	350	T1/T3
1000 ②	378	T1/T2
METAL HALIDE		
250	325	T1/T4
400	325	T1/T4
1000 ②	442	T1/T2
MERCURY		
250	350	T1/T3
400	350	T1/T3

① *150-400 watt lamp temperature data was obtained in 40°C ambient. UL listed for 25°C ambient operation.*

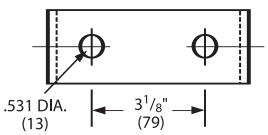
② *1000 watt fixture aiming angle limited to 45°-135° (no straight up or down). 1000 watt fixtures are rated and listed for 40° ambient.*



Front



Side



Trunnion Mounting Detail

HUBBELL
KILLARK®


KFS-6


KFCB


KFWB


K4040

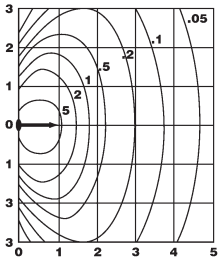

4041

FEATURES-SPECIFICATIONS

KF MOUNTING ACCESSORIES①	
CATALOG NUMBER	DESCRIPTION
KFS-6	Steel slipfitter for 2" pipe (2-3/8" o.d.) tenon. Slips 3.75" over pipe.
KFCB	Heavy duty cast-iron crossarm fitting for horizontal trunnion
KFWB	Heavy duty wall mount and/or pipe clamp fitting Clamps 2" pipe (2-3/8" o.d.) thru 2-1/2" pipe (2-7/8" o.d.)
K4040	Heavy duty steel wall/pole bracket. (Must use with **KFCB** crossarm fitting)
4041	Heavy duty steel wall/pole bracket 2" pipe (2-3/8" o.d.) tenon fitting

① *Fittings available to adapt trunnion mount floodlights to crossarms, poles and walls. Must be ordered separately.*

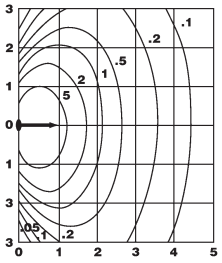
KF SERIES



KFH-XXX-76

IES Type—7H x 6V (146° x 119°)
Source—Metal Halide (Clear) 34000 Lumens
Wattage—400 (ANSI M59)
For 250W MH multiply by .6
For 1000W MH multiply by 3.1
Mounting Height (Grid Value)—25 feet
Aiming Angle—45°
Test Number—HP-00738

CONVERSION CHART					
MOUNTING HEIGHT (FEET)	20	25	28	30	35
CORRECTION FACTOR	1.56	1.00	.80	.69	.51



KFS-XXX-76

IES Type—7H x 6V (144° x 117°)
Source—High Pressure Sodium (Clear) 50000 Lumens
Wattage—400 (ANSI S51)
For 150W HPS multiply by .32
For 250W HPS multiply by .6
For 1000W HPS multiply by 2.5
Mounting Height (Grid Value)—25 feet
Aiming Angle—45°
Test Number—HP-00740

CONVERSION CHART					
MOUNTING HEIGHT (FEET)	23	25	30	35	40
CORRECTION FACTOR	1.18	1.00	.69	.51	.39

① *In converting to a different mounting height, multiply all footcandle values by the correction factor and convert the grid size to the mounting height selected. Example: to convert 25 foot to 30 foot mounting height, multiply all footcandle values by .69. (Grid now becomes 30 replacing 25). To convert footcandles to Lux, multiply values by 10.76. To convert feet to meters, divide values by 3.281.*

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