

Catalog Number	
Notes	Type

HEXF

Explosion Proof LED Low Bay and Floodlight



FEATURES

- High Lumen output up to 154 Lm/W
- Shock and Vibration resistant
- Thermal Shock and impact resistant lens
- Mounting: Wall (Flood), Yoke, Stanchion, Hook, and Pendant
- Light weight compact design

INTENDED USE

The HEXF is designed and listed for CI D1 explosion, hazardous, marine and wet locations. This product is ideal for retrofitting High Pressure Sodium (HPS) and Metal Halide (MH) fixtures for increased energy savings and maintenance.

CONSTRUCTION

- Copper-free aluminum housing and yoke
- Silicone-free (EPDM) gaskets
- Tempered glass lens
- Powder coat black
- Three 3/4" NPT Hubs
- All exposed fasteners are 316 stainless steel
- Weights: 34 lbs.

ELECTRICAL

- 120-277 / 347-480 VAC, 50/60 Hz
- 10Kv surge protector built in - Standard
- 3Ft. 3-Wire whip standard, factory installed
- 0-10V dimming driver is standard; dims to 10%. Dimming leads are capped inside the driver compartment.

CERTIFICATIONS AND STANDARDS

- UL844 / CSA-C22.2 No.137 (Hazardous)
 - CI D1 Groups C,D
 - CI D2 Groups A,B,C,D
 - CII D2, Groups F,G
 - CIII
 - Simultaneous Presence
 - Paint Spray Listed
 - T-Codes: CI D1=T6 / CI D2=T4A / CII D2=T4A
- -40°C to 60°C Ambient
- RH Ambient Humidity 50% to 95%
- UL1598 / CSA-C22.2 No.250 (Wet/Damp)
- UL1598A (Marine Outside)
- Lumen Maintenance L80 > 54,000 hrs. (reported)
- IP66
- NEMA 3 and NEMA 4X
- 5G Vibration Rated

OPTICAL

- CRI >70
- Clear tempered glass lens standard
- Three distributions: NEMA Type 2 (25°), Type IV (60°) and Type VI (120°)
- Three available CCT: 3000K, 4000K and 5000K

WARRANTY

5-year limited warranty on the fixture. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: www.acuitybrands.com/support/warranty/terms-and-conditions

Note: Actual performance may differ as a result of end-user environment and application.

All values are design or typical values, measured under laboratory conditions at 25 °C.

The product images shown are for illustration purposes only and may not be an exact representation of the product.

Specifications subject to change without notice.

ORDERING INFORMATION

Example: HEXF P1 MV 40K T4M CL BK

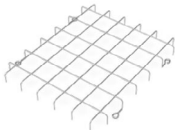
Series	LED Performance Package	Voltage	Color Temperature	Optics	Lens	Options ‡	Finish	
HEXF	P1 10,644-12,320 lumens ‡	MV 120-277 VAC, 50/60 Hz	30K 3000K CCT	T2M Type II medium	CL Clear glass lens	WG Wire guard (304SS, not paint spray certified)	BK Black	
	P2 12,234-14,160 lumens ‡	HV 347-480 VAC, 50/60 Hz	40K 4000K CCT	T4M Type IV medium		SFM Slip fitter mount (powder coat finish)		
	P3 15,276-17,680 lumens ‡		50K 5000K CCT	T6M Type VI medium		SHK Pendant safety hook (3/4"NPT 316SS)		
	P4 18,343-21,230 lumens ‡							

Accessories: Order as separate catalog number.	
HEXFWG	Wire guard (304SS) ‡
HEXFSF	Slip fitter mount (Powder Coated Finish)
HEXFSHK	Pendant safety hook (3/4"NPT 316SS) ‡

‡ Option Value Ordering Restrictions & Notes	
Option value	Restriction
HEXFWG, HEXFSHK	Not suitable for use in paint spray applications.
Options	Will ship separately.
P1, P2, P3, P4	See "Operating Characteristics" chart on page 2 for the specific lumen output based on CCT and optic type. Specific lumen output by CCT and Optics.

Operating Characteristics

Performance Package	Wattage	Color Temperature	Optics	Lumens	LPW
P1	80	3000K	T2M	10644	133
			T4M	10999	137
			T6M	11827	148
		4000K/5000K	T2M	11088	139
			T4M	11458	143
			T6M	12320	154
P2	100	3000K	T2M	12234	122
			T4M	12642	126
			T6M	13594	136
		4000K/5000K	T2M	12744	127
			T4M	13169	132
			T6M	14160	142
P3	120	3000K	T2M	15276	127
			T4M	15785	132
			T6M	16973	141
		4000K/5000K	T2M	15912	133
			T4M	16442	137
			T6M	17680	147
P4	150	3000K	T2M	18343	122
			T4M	18954	126
			T6M	20381	136
		4000K/5000K	T2M	19107	127
			T4M	19744	132
			T6M	21230	142

Accessories: Order separately, field installed		
Part Number	Description	
HEXFWG	Wire Guard Stainless Steel 304 (not suitable for use in paint spray applications)	
HEXFSF	Slip Fitter Mount Bracket (Powder Coated Black) Fits 2 3/8" (60mm) Outside Diameter Stanchion	
HEXFSHK	Pendant Hook w/ 3/4" NPT Stainless Steel 316 33mm / 1.3in Eye Diameter	

Zone Equivalency Ratings

CLASS I, DIV 1, GROUP C	CLASS I, ZONE 1 GROUP IIB
CLASS I, DIV 1, GROUP D	CLASS I, ZONE 1 GROUP IIA
CLASS I, DIV 2, GROUP A & CLASS I, DIV 2, GROUP B	CLASS I, ZONE 2 GROUP IIC
CLASS I, DIV 2, GROUP B	CLASS I, ZONE 1 GROUP IIB PLUS HYDROGEN
CLASS I, DIV 2, GROUP C	CLASS I, ZONE 2 GROUP IIB
CLASS I, DIV 2, GROUP D	CLASS I, ZONE 2 GROUP IIA
CLASS II, DIV 2, GROUP F OR G	CLASS II, ZONE 22
CLASS III	N/A

HEXF

Explosion Proof LED Low Bay and Floodlight

SUGGESTED MOUNTING

Conduit and stanchion shown for illustration purposes only



WALL / FLOOD



CEILING
(shown with wire guard)
(HEXFWG ordered separately)



PENDANT
(Factory standard)



STANCHION
(HEXFST ordered separately)
1.20 ft² max EPA

DIMENSIONS

