

LEDVANCE LUMINAIRES

FLOODLIGHT

HAZARDOUS LOCATION

LEDVANCE LUMINAIRE SPECIFICATION DATA

Catalog #	Comments
Project	
Type	
Prepared by	

PERFORMANCE CLASS™



APPLICATION

Built to perform in the toughest environments, the LEDVANCE Hazardous Location Floodlight delivers powerful, reliable illumination with a durable construction designed for safety and longevity. Its robust housing and versatile mounting options make it ideal for power plants, heavy industrial sites, loading docks, and chemical processing facilities. Engineered to withstand harsh conditions while maintaining high light output in critical areas.

BENEFITS & FEATURES

- Explosion-proof construction: designed to prevent ignition of flammable gases, vapors or dust
- Certified for Hazardous Areas: complies with UL844 and CSA 22.2 No. 137 standards for use in explosive environments
- Copper-free aluminum housing with great corrosion resistance and cooling performance for harsh industrial conditions
- Tempered glass lens
- 100W/15,000lm, 200W/30,000lm or 300W/45,000lm
- 5000K
- Tool-free wiring access: speeds up installation and maintenance without the need for special tools
- IP66 | IK08



ELECTRICAL

- 120-277 and 277-480V_{AC}
- Power Factor >0.9
- THD <20%
- Dimmable 0-10V
- Surge Protection: 10kV

OPERATING TEMPERATURE

- -40°F to +122°F (-40°C to +50°C)
- T-code: T5 for 100W and 300W | T4A for 200W @ 50°C

CERTIFICATIONS & LISTINGS

- UL 844 Hazardous Locations | CSA 22.2 No. 137
- Class I Division 2, Group A, B, C, D
- Class II Division 1, Group E, F, G
- Class II Division 2, Group F, G
- Class III
- UL 1598 Wet location | CSA C22.2 No. 250
- UL 1598A Marine Locations
- IP66
- IK08
- RoHs
- FCC

RATED LIFE

- 100,000 hours (L₇₀)

WARRANTY

- 5 year
- NLB Trusted Warranty Program

INSTALLATION

- Yoke bracket for ceiling, wall or pendant mounting
- Optional slip fitter available as accessory

ORDERING GUIDE

HAZFLOOD	P	/XXX	XXX	D	8	XX	/XX
PRODUCT NAME	SEGMENTATION	WATTAGE	VOLTAGE	DIMMING	CRI	COLOR TEMPERATURE	COLOR/ FINISH
HAZFLOOD = Hazardous Location Floodlight	P = Performance Class	/100 = 100W /200 = 200W /300 = 300W	UNV = 120-277V HUV = 277-480V	D = 0-10V Dimmable	8 = >80	50 = 5000K	/GR = Gray

ORDERING INFORMATION

ITEM #	ORDERING ABBREVIATION	WATTAGE (W)	INPUT VOLTAGE (V)	DIM (V)	CRI	CCT	TOTAL LUMENS (LM)	LPW	FINISH	MTO*
66824	HAZFLOODP/100UNVD850/GR	100W	120-277V	0-10V	80	5000K	15,000	150	Gray	—
66825	HAZFLOODP/200UNVD850/GR	200W	120-277V	0-10V	80	5000K	30,000	150	Gray	—
66826	HAZFLOODP/300UNVD850/GR	300W	120-277V	0-10V	80	5000K	45,000	150	Gray	MTO
66827	HAZFLOODP/100HUV850/GR	100W	277-480V	0-10V	80	5000K	15,000	150	Gray	MTO
66828	HAZFLOODP/200HUV850/GR	200W	277-480V	0-10V	80	5000K	30,000	150	Gray	MTO
66829	HAZFLOODP/300HUV850/GR	300W	277-480V	0-10V	80	5000K	45,000	150	Gray	MTO

*Made to Order

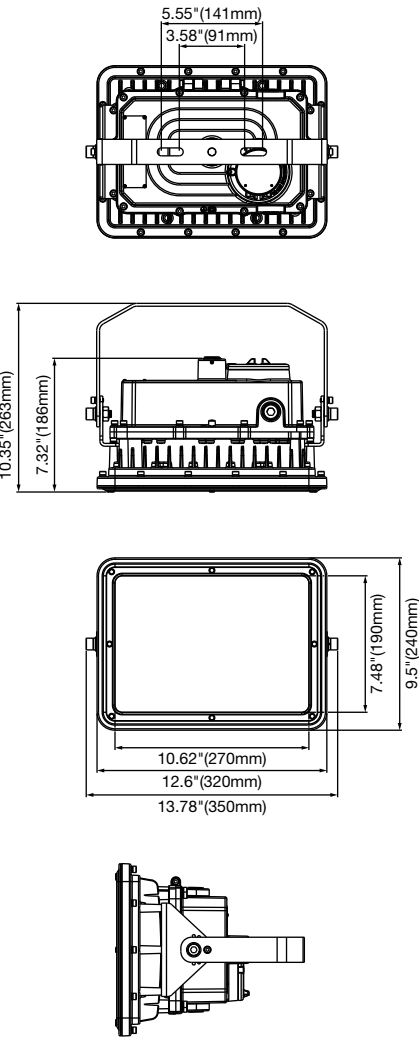
WATTAGE COMPARISON

LED SOURCE WATTAGE/LUMENS	REPLACES TRADITIONAL SOURCE	ENERGY SAVINGS
100W/15,000lm	HPS/MH	up to 400W
200W/30,000lm		up to 750W
300W/45,000lm		up to 1000W

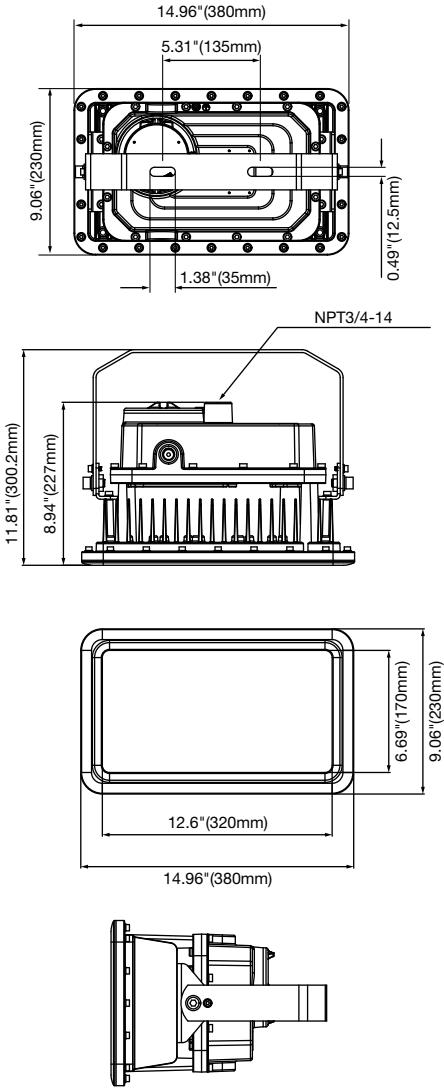
PHYSICAL INFORMATION

PRODUCT DESCRIPTION	LENGTH IN (MM)	WIDTH IN (MM)	HEIGHT IN (MM)	WEIGHT LB (KG)
100W Flood	12.6 (320)	9.5 (240)	7.3 (186)	18.7 (8.5)
200W Flood	15.0 (380)	9.1 (230)	8.9 (227)	23.6 (10.7)
300W Flood	16.5 (420)	11.8 (300)	10.0 (254)	35.7 (16.2)

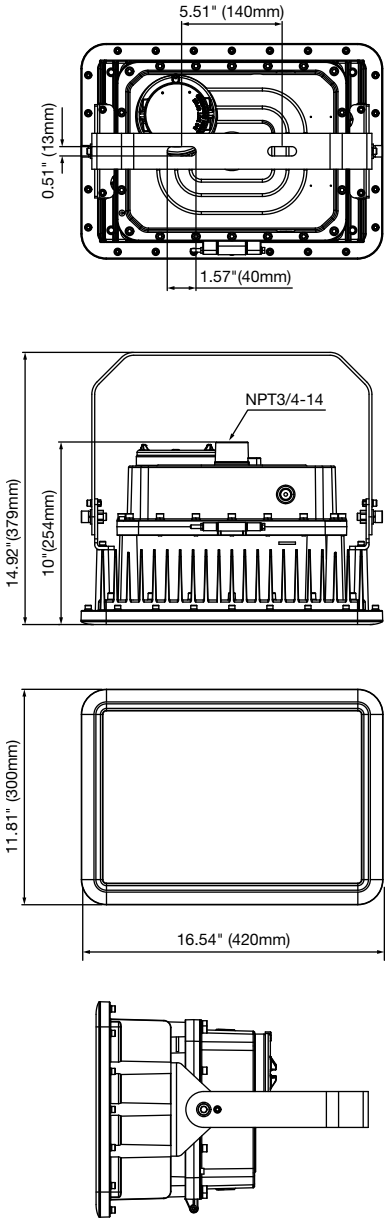
100W



200W



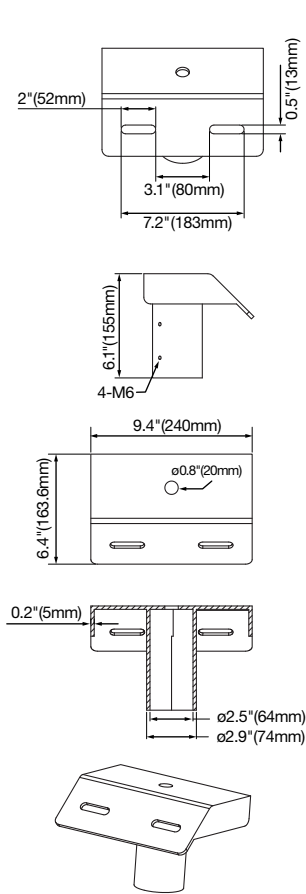
300W



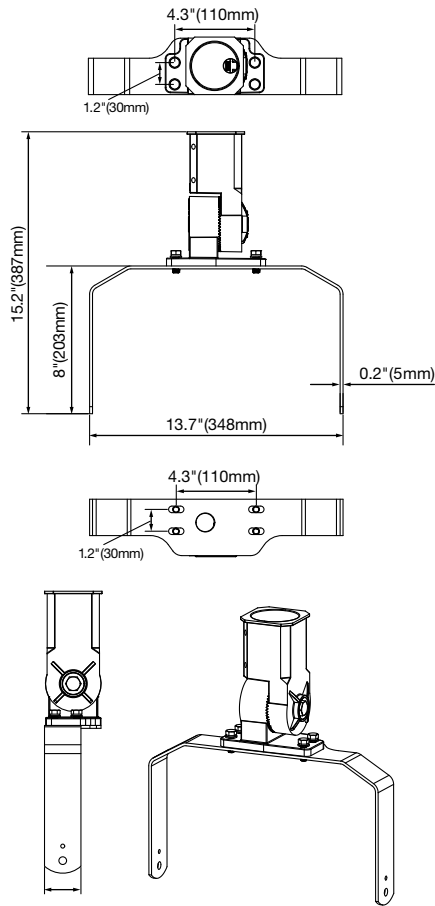
ACCESSORIES

ITEM #	ORDERING ABBREVIATION	ITEM DESCRIPTION
Slip Fitters		
67351	HAZFLOODSLIPFITTER100	Slip fitter for 100W Hazardous Floodlight
67352	HAZFLOODSLIPFITTER200	Yoke + Slip fitter for 200W Hazardous Floodlight
67353	HAZFLOODSLIPFITTER300	Yoke + Slip fitter for 300W Hazardous Floodlight

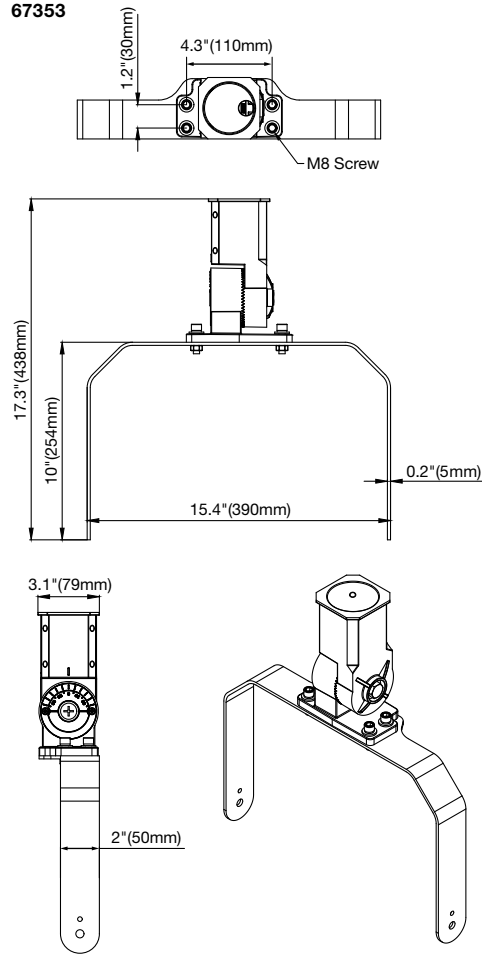
67351



67352



67353



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