LED Flood Light
Hyper Series - Glare Free

DESCRIPTION

The Hyper Series Flood Light is built for performance and reliability, utilizing the latest LED technology to deliver high-efficiency lighting in even the most demanding environments. Its internal reflector minimizes glare, providing smooth, uniform illumination—ideal for billboards and signage.

Designed for durability, the fixture features a solid one-piece aluminum heat sink for optimal heat dissipation and an IK06-rated tempered glass lens for enhanced impact resistance.

With a rugged, weather-resistant build, the Hyper Series is well-suited for a wide range of commercial and industrial applications, including airport runways, loading docks, and construction zones. It offers consistent, high-output lighting while helping reduce energy and maintenance costs.

FEATURES

- Die-Cast Aluminum Housing
- Marine-Grade Powder Coating
- Tempered Glass Lens
- 304 Stainless Steel Hardwares
- High-Efficiency Heat Sink
- 0-10V Dim to Off
- Knuckle Mount
- Trunnion Mount

MARKETS

- Billboard
- Airport Runways
- Loading Docks
- Pathways
- Construction Sites
- Sports Fields
- Parking Lots

CERTIFICATIONS

DLC LISTED PREMIUM   c(UL)us LISTED

UPDATED: 7/3/2025

1310 Garlington Rd., Ste. F
Greenville, SC 29615
888-808-1538
www.carolina-lighting.com

CAROLINA LIGHTING

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SPECIFICATIONS

PERFORMANCE

Efficacy (LPW): 165
CRI: 80
Operating Temp: -22°F to 122°F (-30°C to 50°C)

LIFESPAN

Life (@L70): 70,000 hours
Warranty: 5 years

PHYSICAL

Finish: Marine-Grade Matte Powder Coating
Color: Dark Bronze (White / Black / Grey optional)
Housing: Die-Cast Aluminum

ELECTRICAL

Input Voltage: 120-277V (277-480V Optional)
Input Frequency: 50/60Hz
PF: ≥.95
THD: ≤ 15%
Surge Protection: 6KA
Dimming: 0-10V
Minimum Dimming: Dim to Off
Aux. Voltage: 12VDC
Driver Class: Class P
Whip/Cord: 1.5 ft
Sensor: Optional Photocell

OPTICAL

Standard Lens: Clear Tempered Glass
Optional Lens: Clear Polycarbonate

MOUNTING

Trunnion Bracket (available for all wattages)
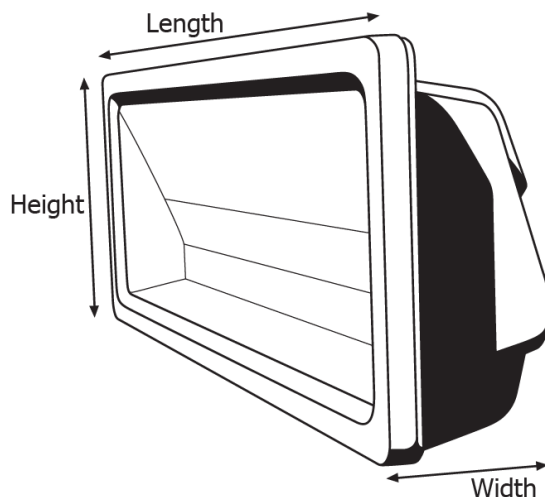Knuckle Mount (available for 15W-60W)

INDUSTRY STANDARDS/RATINGS

IP Rating: IP67
IK Rating: IK06
Location: Wet
Outdoor Rated: Yes
UL/ETL: UL
DLC: 5.1 Premium
FCC: Yes
RoHS: Yes
CE: Yes

SKU	Wattage	Current Draw	Lumens
U-HFL-15W	15W	0.13A@120V 0.06A@277V 0.04A@480V	2,475
U-HFL-30W	30W	0.25A@120V 0.11A@277V 0.07A@480V	4,890
U-HFL-60W	60W	0.5A@120V 0.22A@277V 0.13A@480V	9,720
U-HFL-90W	90W	0.75A@120V 0.33A@277V 0.19A@480V	14,940
U-HFL-120W	120W	1A@120V 0.44A@277V 0.25A@480V	20,040
U-HFL-150W	150W	1.25A@120V 0.55A@277V 0.32A@480V	24,300

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DIMENSIONS / WEIGHT

Length

Height

Width

Wattage	Length	Width	Height	Weight
15/30/60W	9.8"	3.75"	6.25"	4 lbs
90/120/150W	15.75"	3.75"	6.25"	7 lbs

ORDERING INFORMATION

U - HFL - Wattage - CCT - Mount

U	HFL	Wattage	CCT	Mount
U	HFL	15W	30	T
		30W	35	K
		60W	40	
		90W	45	
		120W	50	
		150W	57	

Example: U-HFL-150W-50-T (150W HFL Model with 5000K Color Temperature and Trunnion Mount)

Note: 4000K and 5000K are stocked locally. Knuckle mount is only available for 15/30/60W.

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ACCESSORIES

U-S-PDD

SENSORS & CONTROLS

U-S-PDD	Dusk to Dawn Button Photocell, 120-277V

HIGH VOLTAGE INPUT OPTIONS

U-BD-150W-480V	277-480V (≤150W) Driver Swap

LENS OPTIONS

U-HFL-CPL	Clear Polycarbonate Lens for HFL

FINISH COLORS

U-CP-BLK	Black Finish for HFL model
U-CP-WHT	White Finish for HFL model
U-CP-GRY	Grey Finish for HFL model

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