

# ENER-J PRO UFO LED Highbay

Wattage (80/120/150W) &  
CCT Switchable (6500K-5000K-4000K)

**ENER-J®**  
Smart Home Living



160Lm/W



**CCT**  
SWITCHABLE



**Power**  
SWITCHABLE



**IP65**



Beam Angle

## Product Description:

The ENER-J UFO LED Highbay is the ultimate all-in-one solution for your lighting needs. This innovative highbay is wattage switchable (80W/120W/150W) and CCT switchable (3000K/4000K/6500K), allowing you to customize the light output and color temperature to suit any environment. With an impressive 160 lumens per watt, this energy-efficient lighting solution is perfect for warehouses, car parks, sports facilities, leisure centers, and more. Designed with advanced top and bottom vent convection technology for exceptional heat dissipation, this highbay ensures long-lasting performance and low maintenance.

## Key Features:

- ▶ **Wattage Switchable:** Easily toggle between 80W, 120W, and 150W to customize light output for your requirements.
- ▶ **CCT Adjustable:** Set the color temperature to 4000K (warm white), 5000K (neutral white), or 6500K (cool white) for the ideal ambience.

SKU	
<b>T610</b>	UFO LED High Bay
<b>T334</b>	Reflector for T610

## Types of Application



CAR PARKS



LARGE AREAS



INDUSTRIAL  
HALLS &  
WAREHOUSES



SPORT  
FACILITIES

- ▶ **Energy Efficiency:** High output of 160 lumens per watt, significantly reducing energy costs compared to traditional discharge lamps.
- ▶ **IP65-Rated Durability:** Water and dust resistance ensures reliable performance in harsh environments.
- ▶ **Optimized Heat Dissipation:** Advanced top and bottom vent convection technology ensures high-quality heat dissipation for extended lifespan.
- ▶ **Versatile Applications:** Compact, robust design suitable for car parks, warehouses, sports facilities, leisure centers and more.

GENERAL INFORMATION

Driver included	Yes
CE mark	Yes
RoHS compliant	Yes
Safety features	Open circuit protection Short circuit protection Overvoltage protection
Testing standard	LM-79-19(all measurements in ISO17025 accredited laboratory)

HOUSING AND FINISH

Housing	Aluminium
Optic	Polycarbonate
Protector	Polycarbonate (with integrated lenses)
Housing finish	Electrostatic polyester powder coating
Standard colour(s)	RAL 9017 black
Tightness level	IP 65
Impact resistance	IK 08

OPERATING CONDITIONS

Operating temperature range (Ta)	-30°C to + 45°C
Operating Humidity	10-90%RH
Mounting	Loop Hanging
Warranty	5 years

ELECTRICAL INFORMATION

Electrical class	Class I EU
Nominal voltage	220-240V   50/60Hz
Power factor (at fullload)	0.9
Surge protection options (kV)	6KV-Line-Line 6KV-Line-Earth
Electromagnetic compatibility (EMC)	EN 55015:2019/A11:2020, EN 61000-3-2:2019, EN 61000-3-3:2013, EN 61547:2009, EN 62493:2015
Total Harmonic Distortion(THD)	IEC 61000-3-2 Class C <20%
Driver Type	Constant current(CC)

For fixed Class 1 luminaires, overvoltage protective devices which comply with IEC 61643-11 shall be disconnected from the circuit.

withstand voltage	1.5KV 60S 10mA
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※ Lamp switch must control L line or control L and N lines.

OPTICAL INFORMATION

LED Type	SMD2835
Beam Angle	90°
Recommended installation height	4m to 12m
Color Tolerance	Ra80 ≤5
LED colour temperature	6500K-5000K-4000K
Colour rendering index (CRI)	CRI>80
Upward Light Output Ratio (ULOR)	0%

※ Ra measurement tolerance is ±2.

## PERFORMANCE

Power	80W-120W-150W
Efficacy	160lm/W
Power Efficiency	≥93%
Start Time	≤0.2S
Warm-up time to 60%	0.5S

## LIFETIME OF THE LEDS @ TA 25°C

All configurations

L70B50	>100,000h
L80B20	>50,000h
L90B10	>30,000h
Switching Cycles	>100,000 times

## Performance

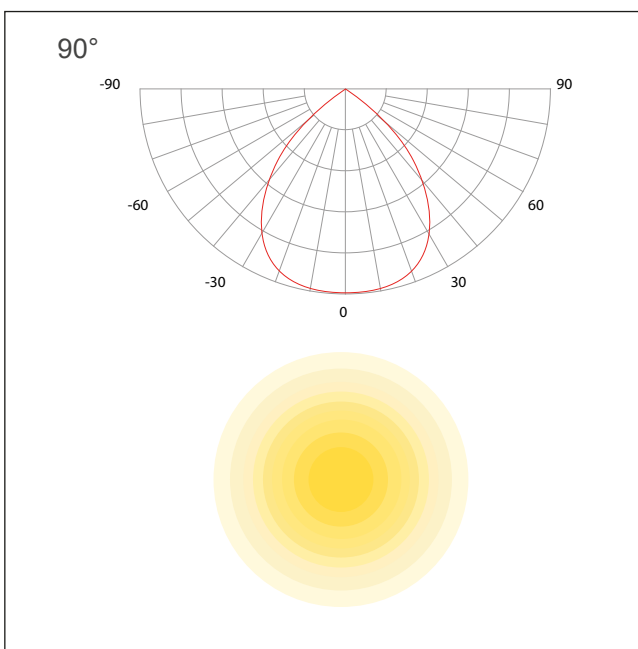
Power	Lumens	Efficacy
80W	12800LM	160LM/W (RA80)
120W	19200LM	160LM/W (RA80)
150W	24000LM	160LM/W (RA80)



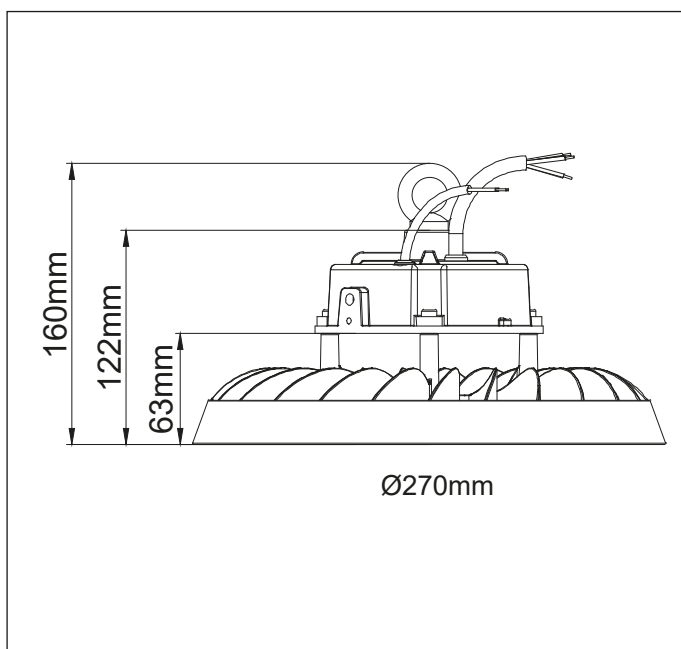
## Packaging

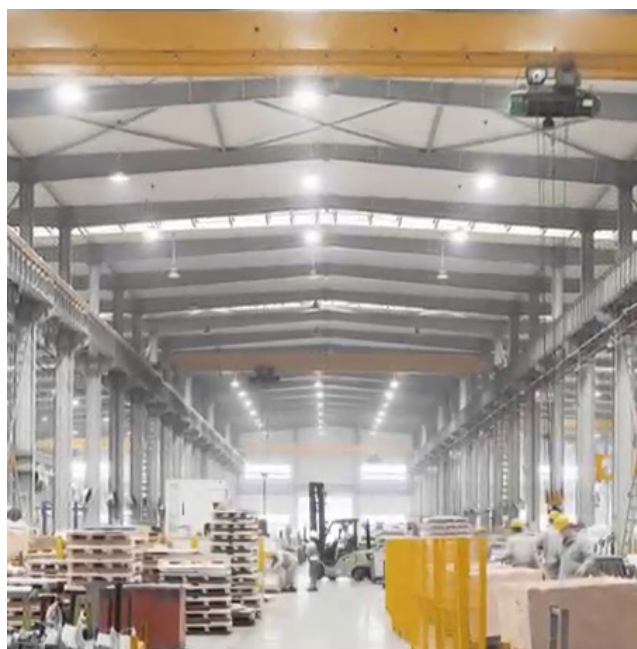
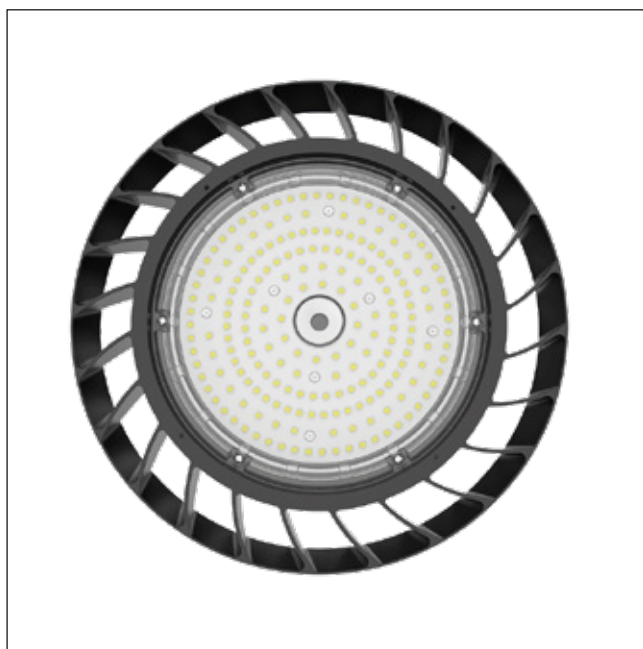
Power	Package Size	QTY/CTN	Single Piece Volume	Net Weight	Gross Weight	20GP	40HQ
150W	L300xW300xH165mm	1PCS/CTN	0.0149m <sup>2</sup>	2.0kg	2.5kg	1751pcs	4444pcs

## Light Distributions



## Diagram





## Additional Accessories (included)

**SKU:** T334

### PC Reflector for T610



**Beam Angle**

**Dimension**

226x260mm (16inches)

**Thank you for choosing ENER-J!**

Customer satisfaction is our TOP priority, please let us know how you felt about your experience. Happy? We are so happy that you are pleased with our product. Feel free to express your newfound joy! Share your experience by writing a review.

Not Happy? If you are not fully satisfied with the item you received, have any problems like damages, or questions, please contact us. We typically respond within 24-48 hours.

**Have a question? We're happy to help!**

Contact us on:

T: +44 (0)1291 446 105 E: [support@ener-j.co.uk](mailto:support@ener-j.co.uk)

Lines are open Mon - Fri (8am to 4pm)