240W LED High Bay Light

Elgin P/N: **2025-37544 100/277VAC**
2025-37544-1 277/480VAC

ADVANTAGE

- UL cUL certificate.
- Input voltage 100-277VAC.
- No UV or IR in the beam.
- Easy to install and operate.
- Energy saving, long lifespan.
- Light is soft and uniform, safe to eyes.
- Instant start, NO flickering, NO humming.
- Green and eco-friendly without mercury.

WARRANTY

This product has a warranty for a period of 5 years from the date of purchase. The warranty is invalid in the case of improper installation, tampering, or removal of the Q.C. date label. Installation in an improper working environment or installation not according to the current edition of the National Electric Code also invalidates the warranty. Should this product fail during the warranty period, it will be replaced free of charge, subject to correct installation and return of the faulty unit. Elgin Power Solutions does not accept responsibility for any installation costs associated with the replacement of this product. This warranty is in addition to the statutory rights in the country of purchase. Elgin Power Solutions reserves the right to alter specifications without prior notice.

APPLICATION

- Warehouse, factory and workshops;
- Highway toll station and gas station;
- Exhibition hall;
- Gymnasium and supermarkets, etc.

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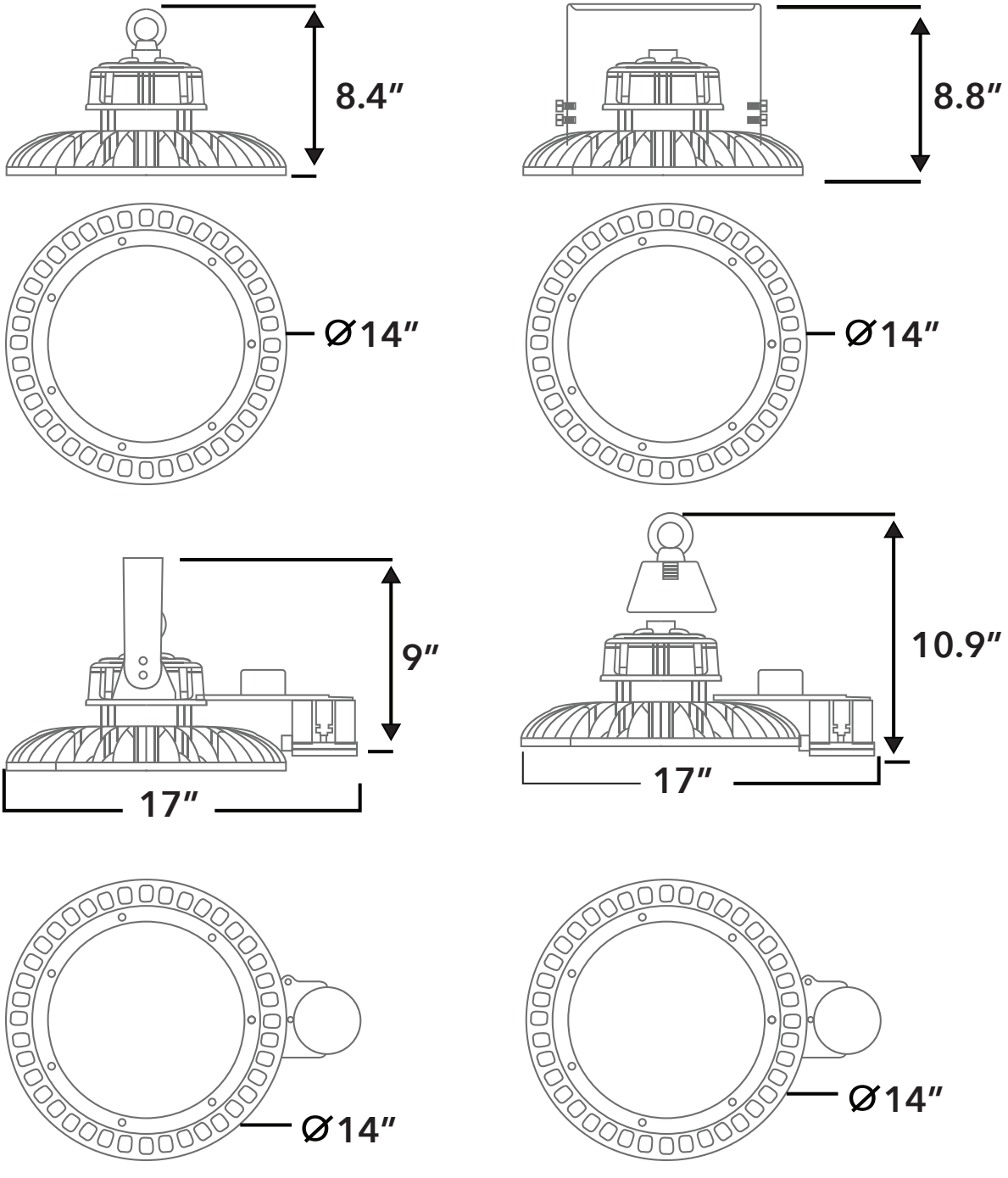

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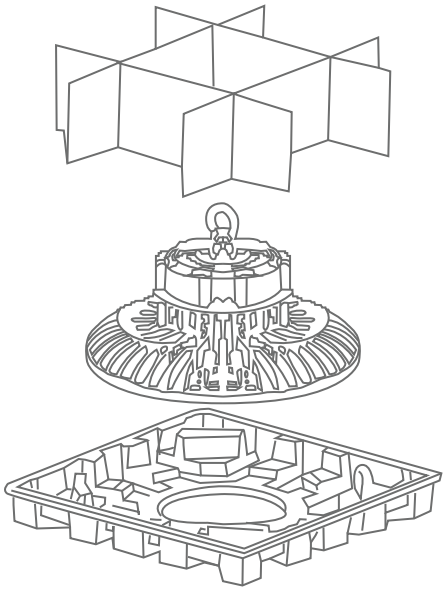
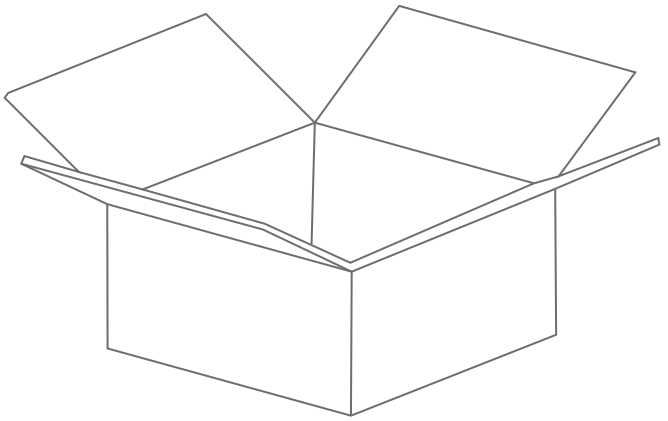
PRODUCT SPECIFICATIONS

Input Power	240W	THD	≤20%	Operating Temperature	-4°F TO 122°F
Cover	Tempered Glass	Driver	1-10Vdc Dimmer	Operating Humidity	20%-90% RH
Lumen	34800LM	Optional Accessory	Motion Sensor/Surge-Protective Device	Storage Temperature	-22°F TO 176°F
Viewing Angle	110°	LED Type	SMD2835 (0.5W)	Storage Humidity	10%-95% RH
Color Temperature	5700K	LED QTY	615 PCS	Warranty Time	5 Years
CRI	>80	Housing	Aluminum Alloy		
Input Voltage	100-277VAC OR 277/480VAC	Housing Color	Brown		
PF	≥0.9	Waterproof Rating	IP65		

PACKAGE

	SIZE	QTY / CARTON	Lamps Net Weight	Weight/ Carton
Outer box	16.5" X 18" X 9"	1PC	11.6LBS	14.33LBS





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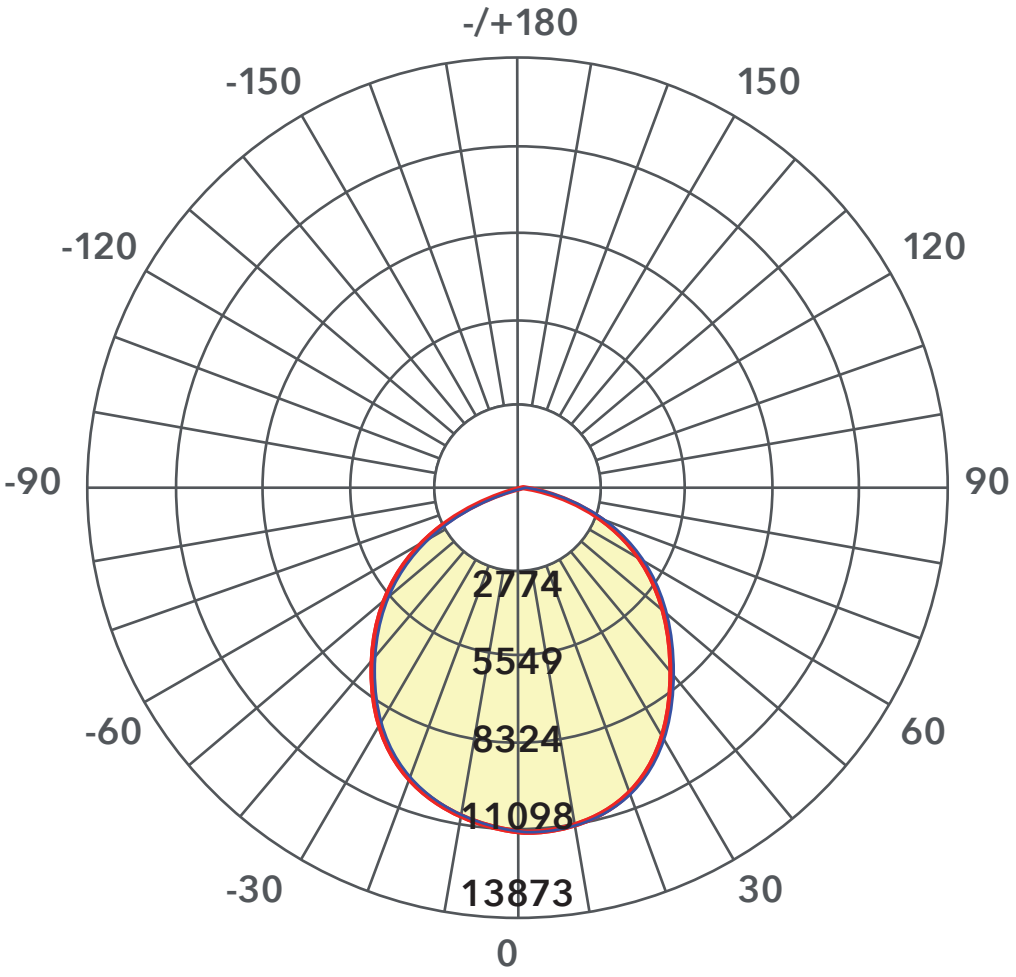
LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



AVERAGE DIFFUSE ANGLE (50%): 115.2 DEG

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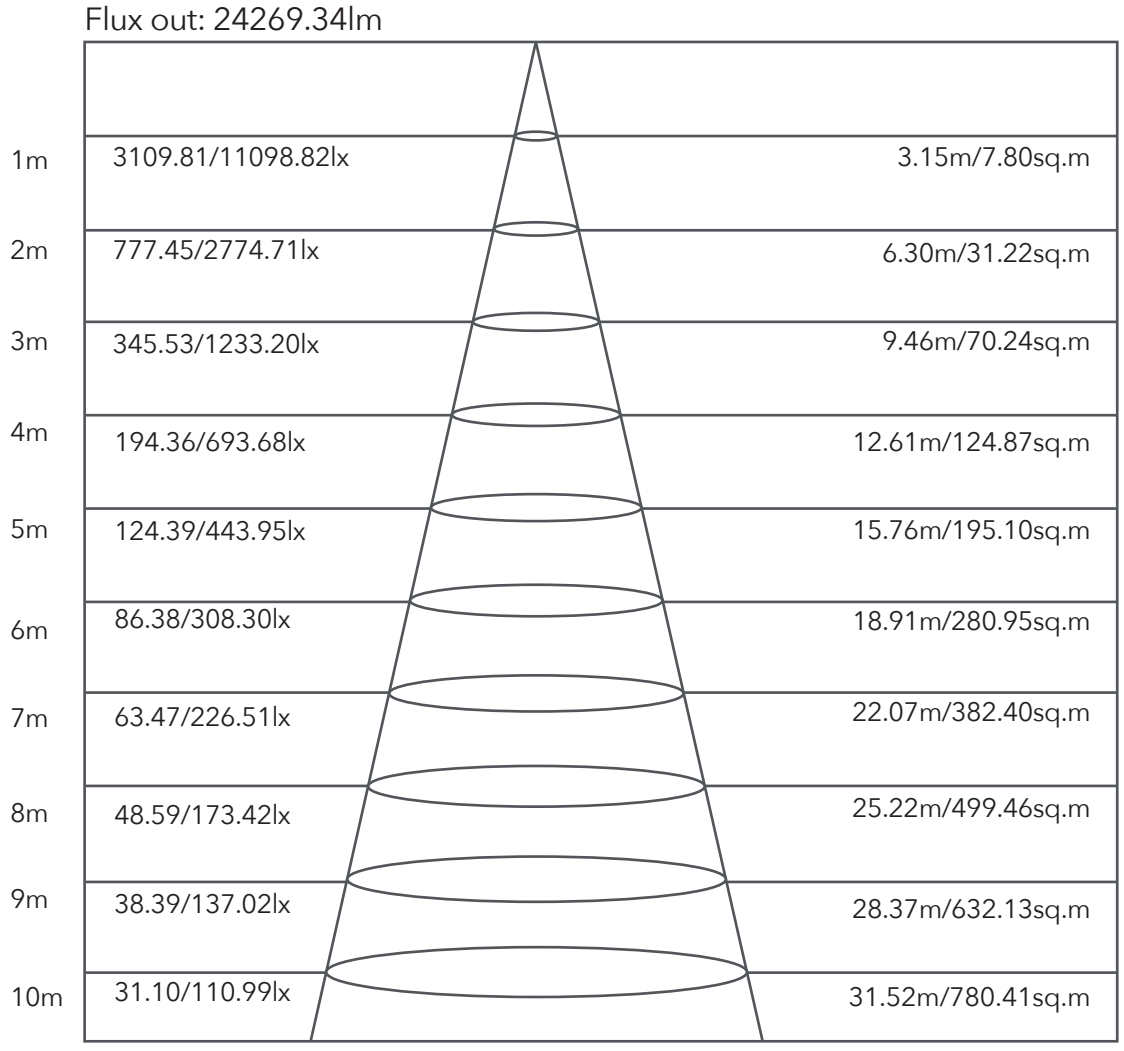

Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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LIGHT DISTRIBUTION TESTING PARAMETERS

Photometric Results

CIE CLASS	Direct	**MAX. INTENSITY**	11098.83cd
MEASUREMENT FLUX	31368.2lm	**S/MH(C0.C180)**	1.29
DOWNWARD RATIO	99%	**TOTAL RATED LAMP LUMENS**	31368.2lm
HORIZONTAL DIFFUSE ANGLE 50%	H115.2	**EFFICACY**	100%
VERTICAL DIFFUSE ANGLE 50%	V115.2	**CENTRAL INTENSITY**	11098.82cd
LUMINAIRE EFFICACY RATING (LER)	130.86	**POS OF MAX INTENSITY**	H0 V0
UPWARD RATIO	1%	**S/MH(C90/270)**	1.29

LUMINAIRE PROPERTY

VOLTAGE	120.5V
POWER	239.80W
CURRENT	1.992A
POWER FACTOR	0.999

NOTICE

- Please turn off power before install or change assembly parts.
- The input voltage and lamps should be matched, after connecting the power line,
- Please make sure the wiring section is insulated.
- No-professionals, must not install and disassemble the lamps.

TROUBLE SHOOTING

Trouble	Check points
Flickering of the light	Turn off the power and turn on again in 3 minutes. If same phenomena occur, then call agencies.
Not working	Please check the connection.