

INDUSTRIAL LED LIGHTING

TENJO/HB

EY969

LED HIGHBAY

EYELITE

170lm/W

ECO
Choice

CE CB

Aircraft Hangar, Malaysia

STANDARD 1-10V
DIMMABLE DRIVER

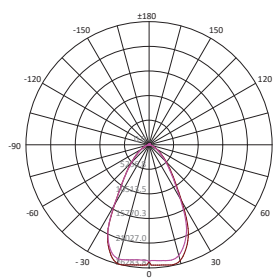


EY969-60W • 80W • 100W • 120W

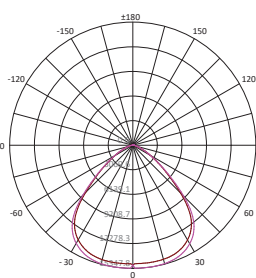


EY969-150W • 240W

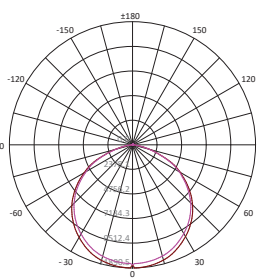
PHOTOMETRY/BEAM ANGLE



~60°



~90°

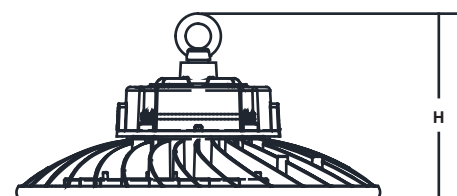
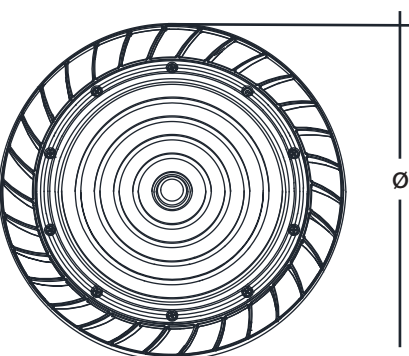


~110°

* motion sensor version is 100° beam angle.

PRODUCT FEATURES

- High Efficiency LED Highbay up to **170lm/W**
- IP65 protection against moisture & dust
- Easy & Quick Installation/Maintenance
- Aluminium die-cast body with effective heat dissipation design
- Last longer with separate LED Driver (Non AC driver on board)



* Packaging Excludes Hook,
Only safety cable &
1-bolt available.

MODEL NO.	EY969-60W	EY969-80W	EY969-100W	EY969-120W	EY969-150W	EY969-200W	EY969-240W
Power Consumption $\pm 5\%$ (W)	60W	80W	100W	120W	150W	200W	240W
Luminaire Flux $\pm 5\%$ (lm)	10,200	13,600	17,000	20,400	25,500	34,000	40,800
System Efficacy ± 5 (lm/W)	170	170	170	170	170	170	170
Power Factor (PF)	>0.95	>0.95	>0.95	>0.95	>0.95	>0.95	>0.95
LED Driver Efficiency	0.93	0.93	0.93	0.95	0.95	0.95	0.95
Wattage per LED Chip (W)	0.29	0.38	0.48	0.40	0.50	0.50	0.50
HID Equivalent	150W	150W	250W	250W	400W	400W	600W MV
Net Weight (kg)	2.10	2.20	2.20	2.25	3.05	3.05	3.25
Gross Weight (kg)	3.00	3.00	3.00	3.05	4.15	4.15	4.45
Dimension (mm)	$\Phi 290 \times 147$				$\Phi 340 \times 158$		
Carton Dimension, L x W x H (mm)	330 x 330 x 170				410 x 410 x 190		
CBM (m ³)	0.019				0.032		

Note: The above specified lumen and system efficiency based on standard CCT: 6000K, Beam: 90deg, Ra>70.

TECHNICAL SPECIFICATION

ELECTRICAL SYSTEM

- **Input Voltage** : 100 - 240Vac, 50/60Hz, PF > 0.95
- **Insulation Class** : Class I

LIGHT SOURCE / OPTIC

- **LED Type** : SMD 2835 with TM21 and LM80
- **Color Temperature (CCT)** : 4000K & 6000K
(Others CCT upon request)
- **Color Rendering Index (CRI)** : Ra > 70
(Ra > 80, 90 upon request)
- **Life Time Residual Flux (L70)** : >50,000 hours @ Ta: 50°C
- **Optical System** : Standard 90°
(60° and 110° Upon Request)
- **Working Temperature** : Ta = -10° to + 50°C

FIXTURE/HOUSING

- **Ingress Protection (IP)** : IP65
- **Housing Material** : ADC 12 die-cast Aluminium
- **Housing Finish** : Akzo Nobel Epoxy Powder Coating - Black

APPLICATION

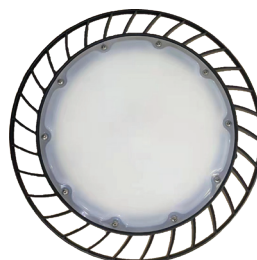
- Warehouse • Factory • Halls & Retails • Hangar • Sport Centre

COMPLIANCE

- **Type Test Certified (Luminaire)** : IEC 60598-1
: IEC 60598-2-1
- **EMC Certified** : EN 61000-3-2, EN 61000-3-3
: EN 55015, EN 61547
- **LED Compliances Test** : IESNA LM-80
: TM-21
- **RoHS** : IEC 62321

OPTIONAL FEATURES/ACCESSORIES

- Motion Sensor
- DALI / 1-10V / 0-10V dimming Control
- Smart Control System
- U-Bracket Mounting
- Opal Anti-Glare Visor



Opal PC Cover Optional



Motion Sensor Optional