

INDUSTRIAL LED LIGHTING

TENJO/HB

EY929

LED HIGHBAY

EYELITE



3 Modules Type

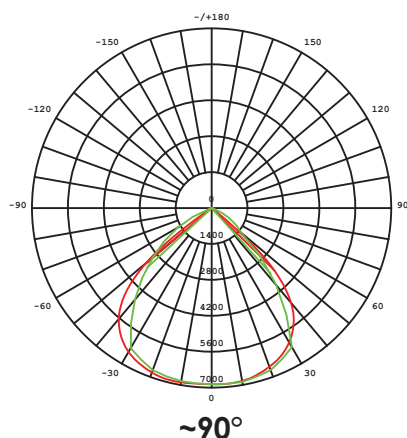
EY 929 • 120W • 150W • 200W



4 Modules Type

EY 929 • 240W • 300W

PHOTOMETRY/BEAM ANGLE

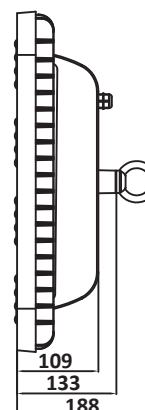
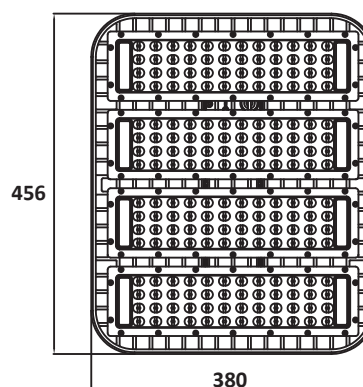
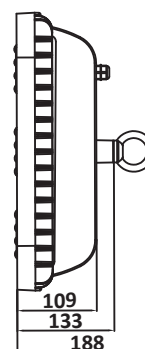
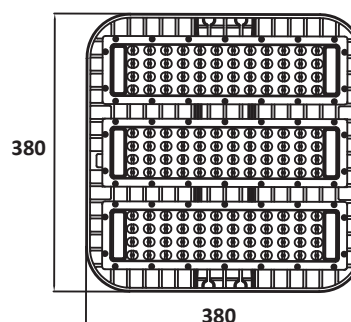


UGR < 22

PRODUCT FEATURES

- Low Glare Rating PC lens (UGR < 22)
- IP65 protection against moisture & dust
- Aluminium die cast body with effective heat dissipation design
- Efficacy up to 135 lm/W
- Last longer with separate LED Driver (Non AC driver on board)

PRODUCT DIMENSION



MODEL NO.	EY929 120W	EY929 150W	EY929 200W	EY929 240W	EY929 300W
Power Consumption ±5% (W)	120W	150W	200W	240W	300W
Luminaire Flux ±5% (lm)	16,200 lm	20,250 lm	27,000 lm	32,400 lm	34,500 lm
System Efficiency ±5% (lm/W)	135 lm/W	135 lm/W	135 lm/W	135 lm/W	115 lm/W
Power Factor (PF)	0.96	0.95	0.96	0.96	0.97
Efficiency (%)	93%	94%	93%	93%	95%
LED Chips Quantity (pcs)	144	216	288	288	288
HID Equivalent	250W	400W	400W/600W	600W/700W	600W/1000W
Module Quantity	3	3	3	4	4
Net Weight (kg)	6.1	6.1	6.2	7.6	8.2
Gross Weight (kg)	7.3	7.3	7.4	9.0	9.6
Product Dimension (mm) (L x W x H)	380x380x188	380x380x188	380x380x188	456x380x188	456x380x188
Carton Dimension (mm) (L x W x H)	445x445x195	445x445x195	445x445x195	505x445x195	505x445x195
CBM (m ³)	0.039	0.039	0.039	0.044	0.044

Note: The above specified lumen and system efficiency based on standard CCT: 6000K.

TECHNICAL SPECIFICATION

ELECTRICAL SYSTEM

- **Input Voltage** : 100 - 240Vac, 50/60Hz, PF > 0.95
- **Insulation Class** : Class I
- **LED Driver** : Meanwell HLG IP65

LIGHT SOURCE / OPTIC

- **LED Type** : SMD 3030 with TM21 and LM80
- **Color Temperature (CCT)** : Standard 6000K
(others 3000K & 4000K 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** : ~90° with IP65 PC Lens
- **Working Temperature** : Ta : -30°C to +50°C

FIXTURE/HOUSING

- **Ingress Protection (IP)** : IP65
- **Housing Material** : ADC 12 High Pressure Die-Cast Aluminium
- **Housing Finish** : Akzo Nobel Epoxy Powder Coating - Black

CERTIFICATION AND COMPLIANCE TEST

- **Type Test Certified (Luminaire)** : EN 60598-1
: EN 60598-2-1
: EN 62493
: EN 62471
- **EMC Certified** : EN 61000-3-2, EN61000-3-3
: EN 55015, EN 61547
- **LED Compliances Test** : IESNA LM-80
: TM-21

OPTIONAL FEATURES/ACCESSORIES

- Motion Sensor, NEMA Photocell
- DALI / 1-10V dimming Control
- NEMA IoT Smart System

APPLICATION

- Warehouse • Factory • Halls & Retails
- Hanger • Sport Centre • Tunnel