

COMMERCIAL LED LIGHTING



PANERU/PL

EY131

LED PANEL LIGHT

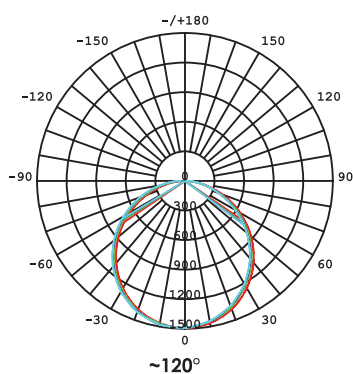


595mm x 595mm
EY131-22-40 • 40W

295mm x 1195mm
EY131-14-40 • 40W

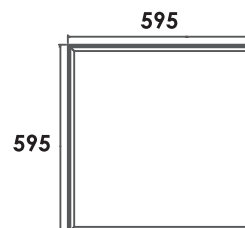
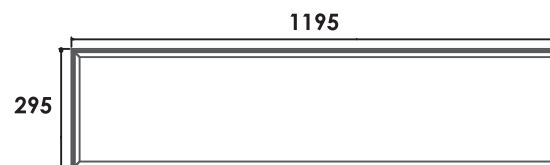
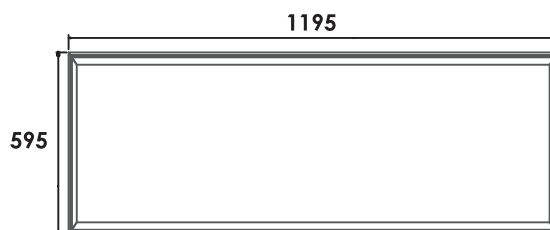
595mm x 1195mm
EY131-24-55 • 55W

PHOTOMETRY/BEAM ANGLE



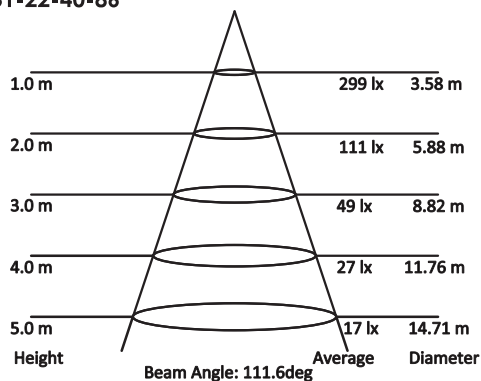
PRODUCT DIMENSION

• All dimension in mm



ILLUMINANCE DISTANCE CURVE

• EY131-22-40-86



TECHNICAL DATA



CB

CE

IP40

PMMA/LGP

MODEL NO.	EY131-14-40-84-H EY131-14-40-86-H	EY131-22-40-84-H EY131-22-40-86-H	EY131-24-55-84-H EY131-24-55-86-H
Power Consumption ±5% (W)	40W	40W	55W
Luminaire Flux ±5% (lm)	4,000 lm	4,000 lm	5,500 lm
System Efficiency ±5% (lm/W)	100 lm/W	100 lm/W	100 lm/W
Power Factor (PF)	0.95	0.95	0.95
Replacement of Magnetic Fluorescent	2 x 36W	2 x 36W	3 x 36W
Total Harmonic Distortion (THD) %	<20%	<20%	<20%
Colour Tolerance (SDCM)	≤6	≤6	≤6
Net Weight (kg)	2.97	2.93	6.70
Gross Weight (kg)	15.80	15.30	15.15
Product Dimension, L x W x H (mm)	295 x 1195 x 9	595 x 595 x 9	595 x 1195 x 9
Individual Carton Dimension, L x W x H (mm)	1240 x 349 x 40	640 x 646 x 38	1245 x 645 x 40
Master Carton Dimension, L x W x H (mm)	1330 x 392 x 182	665 x 740 x 175	1330 x 675 x 100
Quantity/Master Carton (pcs)	4	4	2
CBM (m ³)	0.095	0.086	0.090

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

TECHNICAL SPECIFICATION

ELECTRICAL SYSTEM

- **Input voltage** : 220 - 240Vac, 50/60Hz
- **Insulation Class** : Class II
- **LED Driver** : LIFUD Flicker-Free Non-Dimmable (Dimmable upon request)

LIGHT SOURCE / OPTIC

- **LED Type** : SMD 2835 with TM21 and LM80
- **Color Temperature (CCT)** : Standard 4000K, 6000K (3000K and others upon request)
- **Color Rendering Index (CRI)** : Ra > 70 (Ra > 80,90 upon request)
- **Life Time Residual Flux** : (L70), >50,000 hours @ Ta: 40°C
- **Optical System** : ~120° with PMMA LGP
- **Working Temperature** : -20°C to +40°C

FIXTURE/HOUSING

- **Ingress Protection (IP)** : IP40
- **Housing Material** : 6063 Aluminium Frame with T-Slot and Back Plate
- **Optic Material** : Diffuser Plate + PMMA LGP

CERTIFICATION AND COMPLIANCE TEST

- **Type Test Certified (Luminaire)** : IEC 60598-1, IEC 60598-2-2 (EN 60598-1, EN 60598-2-2)
- **LED Driver** : EN 62493, IEC 62321 (IEC/TR 62778, IEC 62471)
- **EMC Certified** : IEC 61347-2-13 (IEC 61347-1)
- **EMC Certified** : EN 61000-3-2, EN61000-3-3 (EN 55015, EN 61547)
- **LED Compliances Test** : IESNA LM-80, TM-21
- **Energy Commission Certified Product (ST-Malaysia)**
- **SIRIM Tested Product with Safety Label (Malaysia)**

OPTIONAL FEATURES/ACCESSORIES

- Surface Mounting Frame
- Suspension Kit
- Recessed mounting frame

FR14
FR22
FR24



APPLICATION

- Indoor • Office • Halls • School • Hypermarkets
- Meeting Room • Hospitals • Corridor

MODEL SELECTION

Dimension:

- 14 : 295 x 1195 mm
- 22 : 595 x 595 mm
- 24 : 595 x 1195 mm

Wattage:

- 40 : 40W
- 55 : 55W

CRI/CCT

- 84 : Ra 80, 4000K
- 86 : Ra 80, 6000K