

COMMERCIAL LED LIGHTING

PANERU/PL

EY131

LED PANEL LIGHT

EYELITE

CBCE

595mm x 595mm

EY131-22-40 • 40W

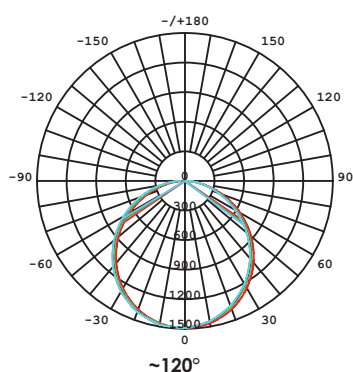
295mm x 595mm

EY131-14-40 • 40W

595mm x 1195mm

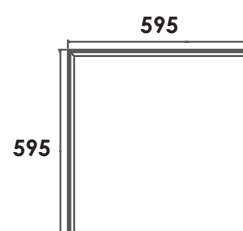
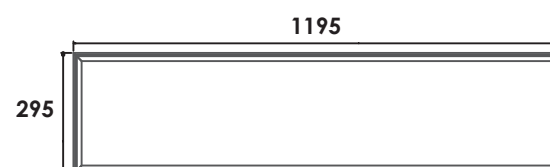
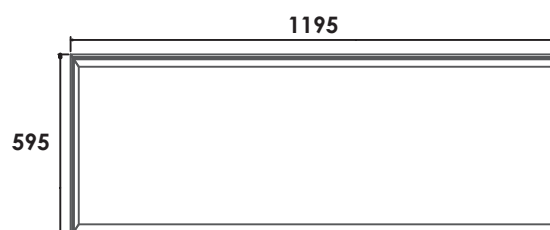
EY131-24-40 • 55W

PHOTOMETRY/BEAM ANGLE



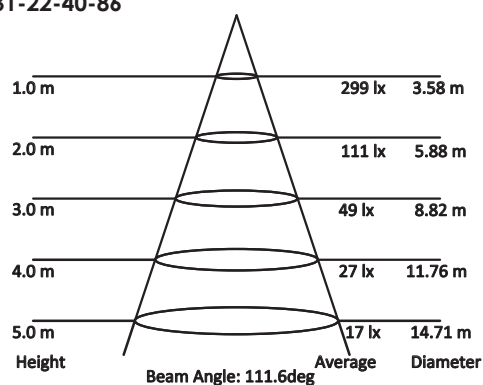
PRODUCT DIMENSION

• All dimension in mm



ILLUMINANCE DISTANCE CURVE

• EY131-22-40-86



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 $\pm 5\%$ (W)	40W	40W	55W
Luminaire Flux $\pm 5\%$ (lm)	4,000 lm	4,000 lm	5,500 lm
System Efficiency $\pm 5\%$ (lm/W)	100 lm/W	100 lm/W	100 lm/W
Power Factor (PF)	0.95	0.95	0.95
LED Driver Model	LIFUD	LIFUD	LIFUD
LED Chips Quantity (pcs)	192	216	384
Replacement of Magnetic Fluorescent	2 x 36W	2 x 36W	3 x 36W
Total Harmonic Distortion (THD) %	<20%	<20%	<20%
Color Tolerance (SDCM)	≤ 6	≤ 6	≤ 6
Ingress Protection (IP)	IP40	IP40	IP40
Product Dimension (mm)	295 x 1195 x 9	595 x 595 x 9	595 x 1195 x 9
Net Weight/Luminaire (kg)	2.97	2.93	5.75
Inner Carton Dimension (mm)	1240 x 349 x 40	640 x 646 x 38	1245 x 645 x 40
Gross Weight/Luminaire (kg)	3.60	3.50	6.70
Quantity/Master Carton (pcs)	4	4	2
Master Carton Dimension (mm)	1330 x 392 x 182	665 x 740 x 175	1330 x 675 x 100
Total Gross weight (kg)	15.80	15.30	15.15
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, PF > 0.95
- Insulation Class : Class II
- LED Driver : LIFUD Flicker-Free Non-Dimmable (Dimmable upon request)

LIGHT SOURCE / OPTIC

- LED Type : SMB 2835 with TM21 and LM80
- Color Temperature : 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

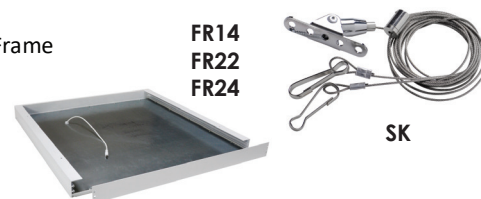
- Ingress Protection (IP) : IP40
- Housing Material : 6063 Aluminium Frame with T-Slot and Back Plate
- Optic Material : Diffuser Plate + PMMA LGP

CERTIFICATION AND COMPLIANCE TEST

- Type Test Certified (Luminaire) : IEC 60598-1, IEC 60598-2-2
EN 60598-1, EN 60598-2-2
EN 62493, IEC 62321
IEC/TR 62778, IEC 62471
- LED Driver : 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



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
-50 : 50W

CRI/CCT

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