PRODUCT DATASHEET
ECO WIDE WP LWPE4F40MW 40/35/30/20W TRI

ECO IP65 WIDE BODY BATTEN | Delivering versatile, flicker-free illumination, the 115mm wide-body batten offers multi-watt and tri-colour selection, engineered for quick installation and seamless retrofit.

Areas of application

– Car parks
– Public areas
– Warehouses
– Railways
– Commercial Areas

Product benefits

– Versatility & Energy Savings
– Customized Ambiance & Flexibility
– Easy Retrofit & Aesthetics
– Durability & Protection
– Fast, Easy Wiring & Secure Connection

Product features

– Multi-watt selectable: 40W/35W/30W/20W
– Tri color selectable: 3000K/4000K/5700K
– 115 mm wide body fits retrofits perfectly and hides old ceiling marks
– Two-piece construction with encapsulated module for quick and hassle-free installation
– Flicker free
– Available with emergency option
– Removable 6 mm PA16 terminal block allows fast, easy wiring and secure connections
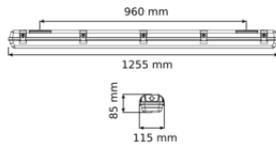
TECHNICAL DATA

Electrical data

Nominal wattage	40 W / 35 W / 30 W / 20 W
Nominal voltage	220…240 V
Mains frequency	50…60 Hz
Nominal current	240.000 mA
Inrush current	12.9 A
Inrush current time T_{h50}	195 µs
Max. number of luminaires per miniature circuit breaker B16	26
Max. number of luminaires per miniature circuit breaker C10	27
Max. number of luminaires per miniature circuit breaker C16	44
Power factor λ	> 0.90
Total harmonic distortion	< 20 %
Protection class	I

Photometrical data

Luminous flux	4000 lm / 3500 lm / 3000 lm / 2000 lm
Luminous efficacy	100 lm/W
Color temperature	3000 K / 4000 K / 5700 K
Light color (designation)	Warm White / Cool Daylight / Cool White
Color rendering index Ra	80
Standard deviation of color matching	< 6 sdcm
Low flicker	Yes
Flickering metric (Pst LM)	≤ 1
Beam angle	120 °

Dimensions & Weight

Length	1255.00 mm
Width	115.00 mm
Height	85.00 mm
Product weight	2200.00 g

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Materials & Colors

Product color	Grey
Housing color	Grey
Body material	Plastic
Cover material	Polycarbonate (PC)
Light emitting surface material	Polycarbonate (PC)
Glow Wire Test according to IEC 60695-2-12	650 °C

Application & Mounting

Ambient temperature range	-20…+40 °C
Temperature range at storage	0…+40 °C
Type of connection	Screwless terminal, 4-Pole
Type of protection	IP65/IP65
Protection class IK (shock resistance)	IK08
Dimmable	No
Mounting type	Surface/Suspended
Mounting location	Ceiling / Wall
Replaceable light source	No

Lifespan

Lifespan L70/B50 at 25 °C	70000 h [1]
Lifespan L80/B10 at 25 °C	50000 h [1]
Lifespan L80/B50 at 25 °C	50000 h
Lifespan L90/B10 at 25 °C	35000 h

[1] t[h]: L70 / B50 @ 25 °C (Ta), t[h]: L80 / B10 @ 25 °C (Ta), t[h]: L90 / B10 @ 25 °C (Ta)

Control gear

Output current	200/250/300/350 mA

Certificates & Standards

Standards	CE / RCM
Replaceable light source (EPREL)	Not replaceable

DOWNLOAD DATA

	Documents and certificates	Document name
PDF	User instruction / safety instructions	ECO WEATHERPROOF BATTEN

	Photometric and lighting design files	Document name
IES	IES file (IES)	ECO WEATHERPROOF BATTEN

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854612077	Folding box 1	1,260 mm x 120 mm x 90 mm	2260.00 g	13.61 dm³
4099854537264	Shipping box 6	1,275 mm x 255 mm x 290 mm	13960.00 g	94.29 dm³

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

DISCLAIMER

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.