

LUM – Technical Information

Extremely economical batten luminaire with innovative T5 lamp.



Tender text

- OSRAM ECOPACK®-FH provide the same light, using less power than comparable batten luminaires of the same length using 26mm fluorescent tubes
- Compact batten luminaire for fixed connection
- Long lamp life, thanks to cut-off technology
- Equipped with innovative LUMILUX® T5 830 HE fluorescent lamp
- With QUICKTRONIC® QT_i electronic control gear

Table of contents:

Tender text.....	1
A) Technical Information	2
1) Housing, Mounting and Accessories	2
2) Electrical Installation	3
3) Optical features	4
4) Control	5
B) Logistic Data.....	5

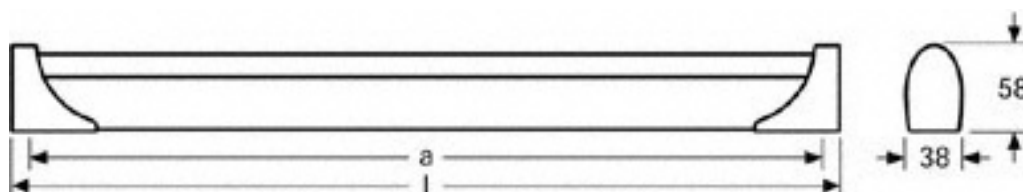
A) Technical Information

1) Housing, Mounting and Accessories

- With prismatic lamp cover for uniform light distribution
- Accessories: Pendant kit and louvre

Product name	OSRAM ECOPACK-FH 14 W	OSRAM ECOPACK-FH 21 W	OSRAM ECOPACK-FH 28 W	OSRAM ECOPACK-FH 35 W
Body material	steel			
Color of the luminaire (RAL)	white			
Cover material	polycarbonate			
Type of cover	prismatic			

Length l [mm]	584	884	1184	1484
Width b [mm]	38			
Height h [mm]	58			
Hole spacing a [mm]	538	838	1138	1438



Type of connection	Fixed			
Net weight [g]	820	950	1150	1350

Protection class	I
Type of protection (IP code)	IP 20
Protection against ignition and fire	F; MM
Glow Wire Test according to IEC 695-2-1 (> 650°C)	-
Shock resistance (IK code)	-
Approval marks	ENEC10 VDE
Luminaire efficiency η	0.84

Pendant kit



Suitable for all versions of the ECOPACK® family; contains 2 fixings, adjustable cap holders, steel cable for pendant lengths of up to 2 m, and strain relief

Louvre



Double parabolic, fit the appropriate lengths of all OSRAM ECOPACK® with, or for, T5 lamps. Suitable for screen-based workplaces. Surface: Highly polished, low-irisation aluminium (Alanod Miro 4).

2) Electrical Installation

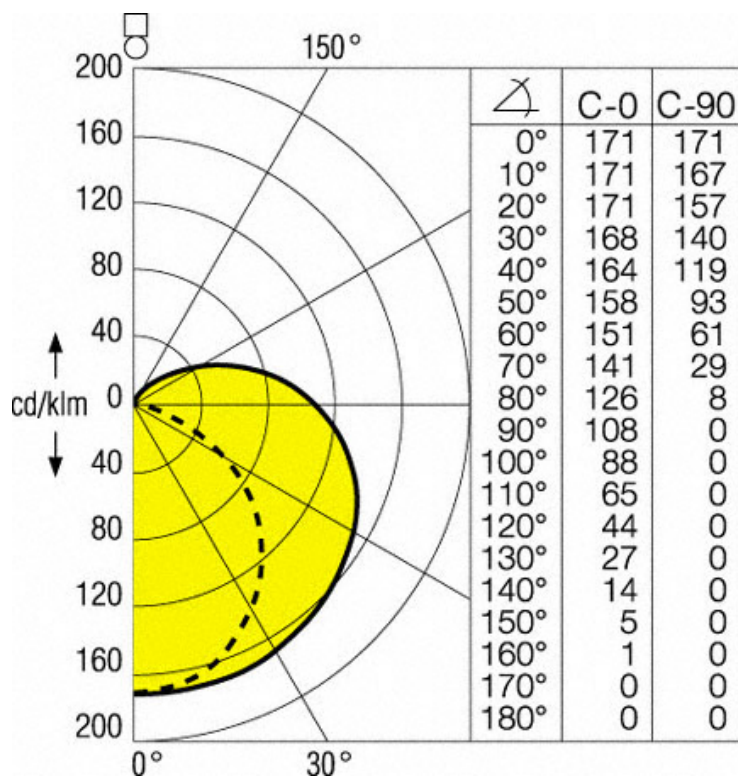
- For fixed connection
- Low power consumption

Product name	OSRAM ECOPACK-FH 14 W	OSRAM ECOPACK-FH 21 W	OSRAM ECOPACK-FH 28 W	OSRAM ECOPACK-FH 35 W
Nominal wattage [W]	14	21	28	35
Mains voltage [V]	230-240			
Mains frequency [Hz]	50-60			

3) Optical features

- Equipped with innovative LUMILUX® T5 830 HE fluorescent lamp

Product name	OSRAM ECOPACK-FH 14 W	OSRAM ECOPACK-FH 21 W	OSRAM ECOPACK-FH 28 W	OSRAM ECOPACK-FH 35 W
Equipped with Lamp	Yes			
Lamp type	LUMILUX® T5 830 HE			
Number of lighting outlets	1			
Base	G5			
Lifetime lamp	20,000 h			
Light color	830			
Color rendering index (CRI)	80...89			
Color temperature [K]	3000 K			
Luminous flux [lm]	1200	1900	2600	3300



4) Control

- With QUICKTRONIC® QT_i electronic control gear
- Quick start, flicker free light

Product name	OSRAM ECOPACK-FH 14 W	OSRAM ECOPACK-FH 21 W	OSRAM ECOPACK-FH 28 W	OSRAM ECOPACK-FH 35 W
Control gear	QUICKTRONIC® QT _i			
Permissible sinusoidal operating voltage [V _{AC}]	198-264			
Dimmable	No			
Through-wiring	E.g. for batten luminaires			
Energy Efficiency Index EEI	A2			

B) Logistic Data

Product reference	Product number (EAN 10)	Color	Wattage	SU
OSRAM ECOPACK-FH 14 W	4050300 513249	white	14	4x1
OSRAM ECOPACK-FH 21 W	4050300 513263	white	21	4x1
OSRAM ECOPACK-FH 28 W	4050300 513287	white	28	4x1
OSRAM ECOPACK-FH 35 W	4050300 513300	white	35	4x1

Accessories:

Product reference	Product number (EAN 10)	Color	Wattage	SU
Pendant kit	4050300 792200	silver	-	4x1
OSRAM ECOPACK® Louvre	4008321 079886	white	14/24	4x1
OSRAM ECOPACK® Louvre	4008321 079909	white	21/39	4x1
OSRAM ECOPACK® Louvre	4008321 080424	white	28/54	4x1
OSRAM ECOPACK® Louvre	4008321 080448	white	35/49/80	4x1