

# PRODUCT DATASHEET

## LB FLEX 1500 P 105W 840 N

LOW BAY FLEX 1500 | Low-bay luminaires with attractive linear design, up to 160 lm/W



---

### Areas of application

- Replacement for luminaires with mercury vapor or metal halide lamps
- Warehouses
- Logistics halls
- Industrial and storage facilities
- Discounters, supermarkets

---

### Product benefits

- Economical thanks to high luminous efficacy up to 160 lm/W
- Easy and quick installation thanks to toolless connector box with 5- and 7-pole terminals
- Modern and robust design
- 5 years guarantee

---

### Product features

- Different luminous flux and beam angle for mounting heights of ~ 4 m to ~10 m in 4000 K
- Through-wiring cable already installed
- Long Lifetime (L80/B10): up to 100,000 h
- High color consistency:  $\leq 3$  SDCM

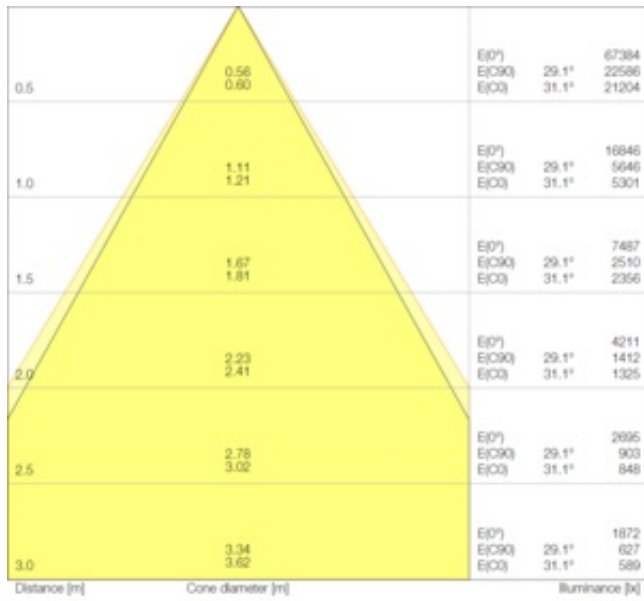
## TECHNICAL DATA

### Electrical data

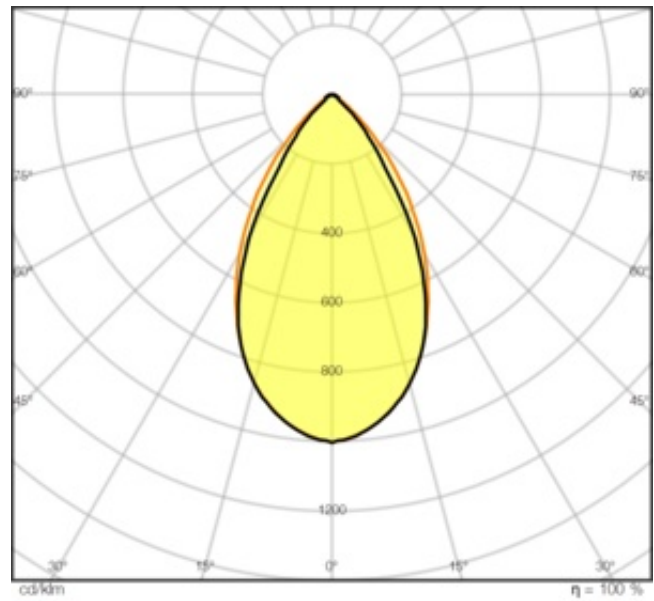
Nominal wattage	105 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	450 mA
Inrush current	35.35 A
Inrush current time $T_{h50}$	290 $\mu$ s
Max. no. of lum. on circuit break. B16 A	21
Max. no. of lum. on circuit break. C10 A	16
Max. no. of lum. on circuit break. C16 A	27
Power factor $\lambda$	$\geq 0.90$
Total harmonic distortion	$\leq 20 \%$
Protection class	I
Operating mode	ELECTRONIC CONTROL GEAR (ECG)

### Photometrical data

Luminous flux	16800 lm
Luminous efficacy	160 lm/W
Color temperature	4000 K
Light color (designation)	Cool White
Color rendering index Ra	$\geq 80$
Standard deviation of color matching	< 3 sdc <sub>m</sub>
Luminous intensity	-
Low flicker	Yes
Flickering metric (Pst LM)	-
Stroboscope effect metric (SVM)	-
Photobiological safety group acc. to EN62778	RG1
Photobiological safety group acc. to EN62471	RG1
Beam angle	60 °



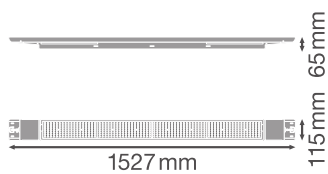
LDC typ cone



LDC typ polar

Dimensions & Weight

Length	1527 mm
Width	115.00 mm
Height	65.00 mm
Product weight	4450.00 g



Materials & Colors

Product color	White
Housing color	White

Body material	Steel
Glow Wire Test according to IEC 60695-2-12	650 °C
Mercury content	0.0 mg

### Application & Mounting

Ambient temperature range	-25...+50 °C
Type of connection	Screwless terminal
Type of protection	IP23
Protection class IK (shock resistance)	IK08
Dimmable	No
Mounting type	Surface/Suspended
Mounting location	Ceiling
Application environment	Indoor
LED module replaceable	Not replaceable
With light source	Yes

### Lifespan

Lifespan L70/B50 at 25 °C	100000 h
Lifespan L80/B10 at 25 °C	100000 h
Lifespan L90/B10 at 25 °C	82000 h
Number of switching cycles	50000

### Control gear

Output current	460 mA
----------------	--------

### Certificates & Standards

Standards	CE / CB / ENEC / TÜV SÜD / EAC / UKCA
Luminaire with limited surface temperature, "D sign"	No
Ball shot safe	No

### Additional product data

Product remark	Available from May 2022
----------------	-------------------------

### EQUIPMENT / ACCESSORIES

- Suspension kit available as separate accessory

### DOWNLOAD DATA

**DOWNLOAD DATA**



User instruction



Addon Technical Information



Tender documents



Declarations of conformity



IES file (IES)



LDT file (Eulumdat)



R3D file (Relux 3D Model)



M3D file (3D Model)



UGR file (UGR table)

**LOGISTICAL DATA**

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075676244	Folding box 1	76 mm x 1,535 mm x 123 mm	5056.00 g	14.35 dm <sup>3</sup>
4058075676251	Shipping box 3	1,555 mm x 250 mm x 156 mm	16523.00 g	60.65 dm <sup>3</sup>

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.

**References / Links**

- For Guarantee see [www.ledvance.com/guarantee](http://www.ledvance.com/guarantee)

**DISCLAIMER**

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