PRODUCT DATASHEET
TRUSYS FLEX P 35W 840 W CL WT

TruSys® FLEX WIDE | Luminaire inserts with wide light distribution, up to 175 lm/W

Areas of application

- Direct replacement for luminaires with fluorescent lamps
- Industry halls, high rack warehouse, hardware stores
- Discounters, supermarkets

Product benefits

- Homogenous light distribution
- Easy installation, no tools required for connection
- Energy saving and cost-effective
- Flexible application due to a range of different lumen packages and beam angles
- 5 years guarantee

Product features

- Beam angle wide: 90°
- Click into place solution with smart click buttons
- Luminous efficacy: up to 175 lm/W
- Fixed luminare taps
- Luminaire versions available with on-off or IoT-ready DALI-2 driver
- Steel-sheet housing
- Lens material: PMMA
- Type of protection: IP40

© 2023, LEDVANCE GmbH. All rights reserved.

- DALI versions suitable as well for emergency lighting with centralized battery system acc. to IEC 60598-2-22

© 2023, LEDVANCE GmbH. All rights reserved.

TECHNICAL DATA

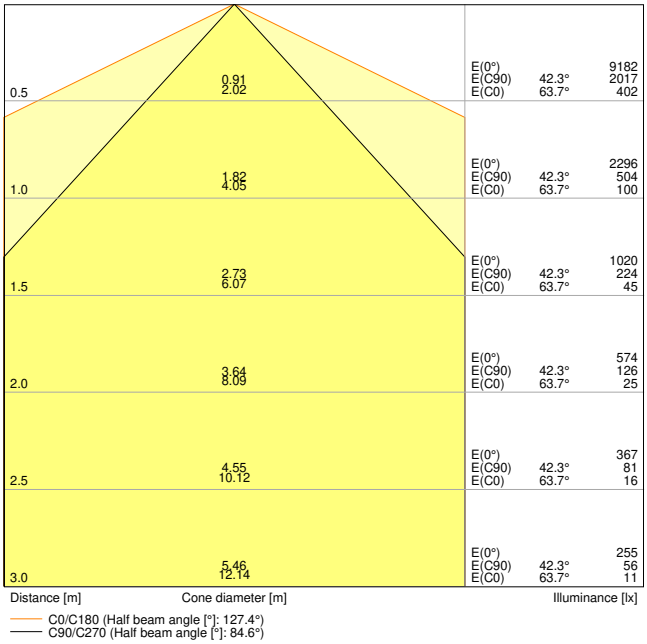
Electrical data

Nominal wattage	35.00 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	160.000 mA
Inrush current	27.5 A
Inrush current time T_{h50}	148 µs
Max. no. of lum. on circuit break. B16 A	22
Max. no. of lum. on circuit break. C10 A	17
Max. no. of lum. on circuit break. C16 A	27
Power factor λ	≥ 0.95
Total harmonic distortion	≤ 15 %
Protection class	I
Operating mode	Integrated LED driver

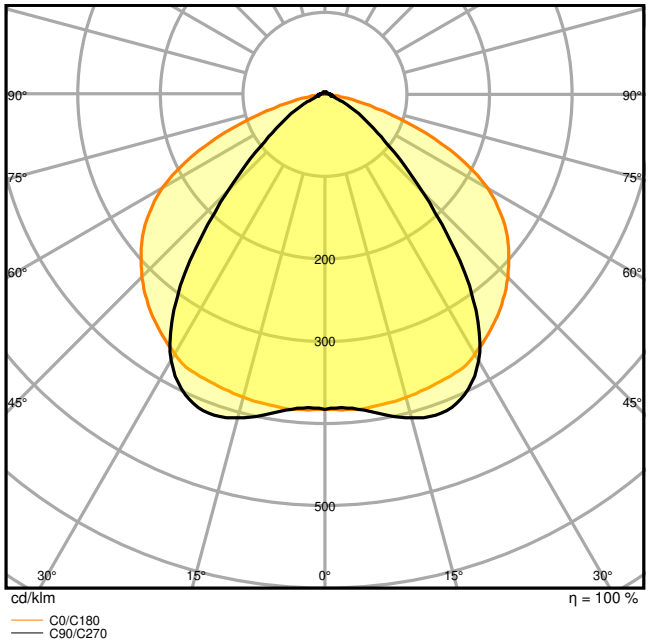
Photometrical data

Luminous flux	6000 lm
Luminous efficacy	175 lm/W
Color temperature	4000 K
Light color (designation)	Cool White
Color rendering index Ra	≥80
Standard deviation of color matching	3 sdcm
Low flicker	Yes
Flickering metric (Pst LM)	≤1
Stroboscope effect metric (SVM)	≤0.4
Photobiological safety group acc. to EN62778	RG1
Beam angle	90 °

© 2023, LEDVANCE GmbH. All rights reserved.



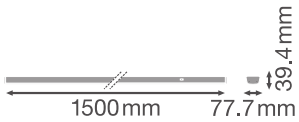
LDC typ cone



LDC typ polar

Dimensions & Weight

Length	1500.00 mm
Width	77.70 mm
Height	39.40 mm
Product weight	1680.00 g



Materials & Colors

© 2023, LEDVANCE GmbH. All rights reserved.

Product color	White
Housing color	White
Body material	Steel
Cover material	Polymethylmethacrylate (PMMA)
Light emitting surface material	Polymethylmethacrylate (PMMA)
Glow Wire Test according to IEC 60695-2-12	650 °C
Mercury content	0.0 mg

Application & Mounting

Ambient temperature range	-25...+40 °C
Temperature range at storage	-40...+80 °C
Type of connection	Plug-In connection
Type of protection	IP40
Protection class IK (shock resistance)	IK04
Dimmable	No
Mounting type	Suspended/Surface
Mounting location	Mounting rail
Application environment	Indoor
Adjustable	No
LED module replaceable	Not replaceable
With light source	Yes

Lifespan

Lifespan L70/B50 at 25 °C	100000 h
Lifespan L80/B10 at 25 °C	76000 h
Lifespan L90/B10 at 25 °C	38000 h
Number of switching cycles	100000

Control gear

Output current	430 mA
ECG - Output ripple current	< 5 %

Certificates & Standards

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

© 2023, LEDVANCE GmbH. All rights reserved.

EQUIPMENT / ACCESSORIES

- Mounting rail with fixed integrated 5- and 8-pole cable

DOWNLOAD DATA

	Documents and certificates
PDF	User instruction
PDF	Addon Technical Information
PDF	Packaging insert
PDF	Declarations Of Conformity CE
PDF	Certificates
PDF	Declarations Of Conformity UKCA

	Photometric and lighting design files
	IES file (IES)
	LDT file (Eulumdat)
	ULD file (DIALux)
	ROLF file (RELUX)
	UGR file (UGR table)
	LDC typ cone
	LDC typ polar

	CAD/BIM files
ZIP	BIM_Revit_3D
	CAD_STEP_3D

© 2023, LEDVANCE GmbH. All rights reserved.

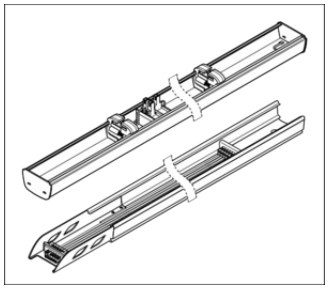
	Tender texts
	Tender documents

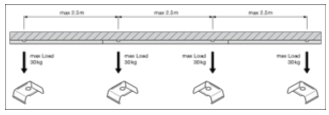
LOGISTICAL DATA

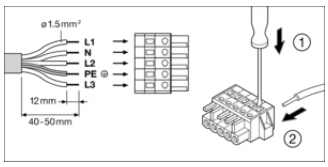
Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075771093	Folding box 1	108 mm x 1,534 mm x 102 mm	1855.00 g	16.90 dm³
4058075771109	Shipping box 4	1,547 mm x 218 mm x 231 mm	8213.00 g	77.90 dm³

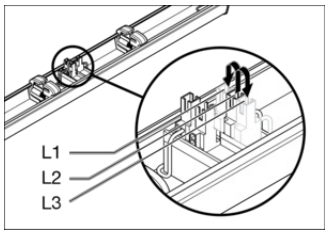
The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

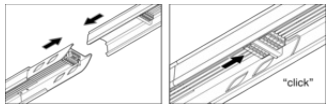
ADDITIONAL CATALOG INFORMATION

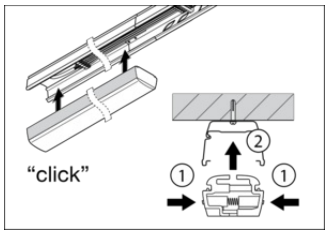












References / Links

- For Guarantee see www.ledvance.com/guarantee

DISCLAIMER

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

© 2023, LEDVANCE GmbH. All rights reserved.