PRODUCT DATASHEET
TRUSYS UNIV P 73W 840 W CL PS

TRUSYS UNIVERSAL | The solution for refurbishment - universal fitting to existing trunking luminaire system



Areas of application

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

Product benefits

- The solution for refurbishment: universal fitting to existing trunking luminaire system
- Easy installation, no tools required for connection
- Flexible application due to a range of different lumen packages and beam angles

Product features

- Multi Lumen function: lumen steps selectable
- Beam angles: 120° (VW), 90° (W), 60° (N), 30° (VN)
- Click into place solution with smart click buttons
- Luminous efficacy: up to 185 lm/W
- Lifetime (L80/B10): up to 100,000 h (at 25 °C)
- Initial color consistency: ≤ 3 SDCM

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TECHNICAL DATA

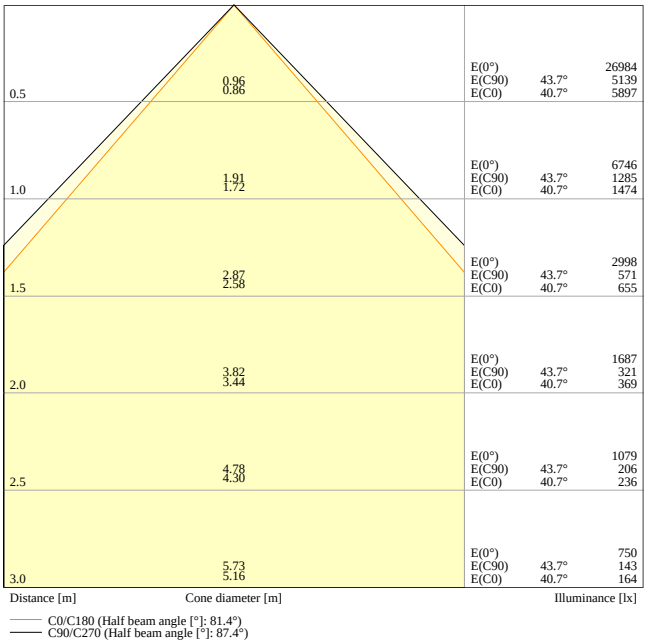
Electrical data

Nominal wattage	73 W / 66 W / 57 W / 49 W / 41 W
Nominal voltage	220…240 V
Mains frequency	0/50/60 Hz
Nominal current	330…300…260…220…190 mA
Inrush current	0.33 A
Inrush current time T_{h50}	302 µs
Max. number of luminaires per miniature circuit breaker B16	8
Max. number of luminaires per miniature circuit breaker C10	8
Max. number of luminaires per miniature circuit breaker C16	14
Power factor λ	≥ 0.90
Maximum total harmonic distortion	≤ 15 %
Protection class	I
Operating mode	Integrated LED driver

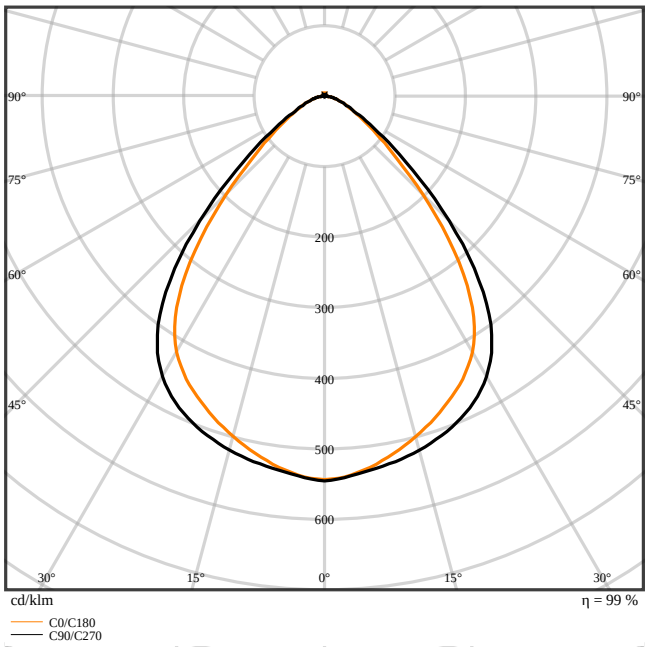
Photometrical data

Luminous flux	12400 lm / 11420 lm / 10030 lm / 8720 lm / 7380 lm
Luminous efficacy	170 lm/W / 173 lm/W / 176 lm/W / 178 lm/W / 180 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 °

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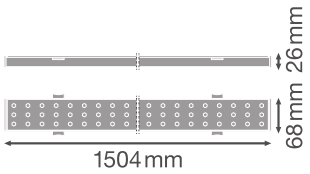
TRUSYS UNIV P 73W 840 W CL PS



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Dimensions & Weight

Length	1504.00 mm
Width	68.00 mm
Height	26.00 mm
Product weight	1695.00 g



TRUSYS UNIV P 73/75W 840 CL PS/DALI

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Materials & Colors

Product color	White
Housing color	White
RAL Color (most similar)	RAL 9003
Body material	Aluminum
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	-20…+40 °C
Temperature range at storage	-40…+80 °C
Type of connection	Plug-In connection
Type of protection	IP20
Protection class IK (shock resistance)	IK02
Dimmable	No
Mounting type	Surface/Suspended
Mounting location	Mounting rail
Application environment	Indoor
Mechanically adjustable	No
With light source	Yes
Replaceable light source	No

Lifespan

Lifespan L70/B50 at 25 °C	120000 h [1)]
Lifespan L80/B10 at 25 °C	100000 h [1)]
Lifespan L90/B10 at 25 °C	54000 h [1)]
Number of switching cycles	50000

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	450/400/350/300/250 mA
Output ripple current (100 Hz)	< 5 %

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Emergency lighting

Type of Emergency Lighting (EL)	EL certified driver (0Hz / DC operation) for central battery operation included
Type of emergency operation test	None
Wattage in emergency operation mode	73 W
Luminous flux in emergency operation mode	12400 lm

Certificates & Standards

Standards	CE / CB / UKCA / ENEC / TÜV / EAC / EPD
Luminaire with limited surface temperature, "D sign"	No
Ball shot safe	No
EPD	LEDV-00033-V01.01-EN
Replaceable light source (EPREL)	Not replaceable

Additional product data

Added function	MULTI LUMEN

EQUIPMENT / ACCESSORIES

– Various accessories available

DOWNLOAD DATA

	Documents and certificates	Document name
PDF	User instruction / safety instructions	TRUSYS UNIVERSAL
PDF	Legal information	Legal insert
PDF	Legal information	LISO Insert TRUSYS UNIVERSAL
PDF	Legal information	Informationstext 18 Abs 4 ElektroG
PDF	Legal information	Safety Insert G11205497
PDF	Declarations of conformity	CE Declaration Trusys Universal
PDF	Declarations of conformity UKCA	UKCA Declaration Trusys Universal
PDF	EPD	EPD EN TRUSYS UNIVERSAL DALI

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	Photometric and lighting design files	Document name
	IES file (IES)	TRUSYS UNIV P 73W 840 W CL PS
	LDT file (Eulumdat)	TRUSYS UNIV P 73W 840 W CL PS
	ULD file (DIALux)	TRUSYS UNIV P 73W 840 W CL PS
	ROLF file (RELUX)	TRUSYS UNIV P 73W 840 W CL PS
	UGR file (UGR table)	TRUSYS UNIV P 73W 840 W CL PS
	Light distribution curve type cone	TRUSYS UNIV P 73W 840 W CL PS
	Light distribution curve type polar	TRUSYS UNIV P 73W 840 W CL PS

	CAD/BIM files	Document name
	BIM Revit 3D	TruSys Universal
	CAD STEP 3D	TRUSYS UNIV

	Tender texts	Document name
	Tender documents	TRUSYS UNIVERSAL 73W 840 W CL PS-EN

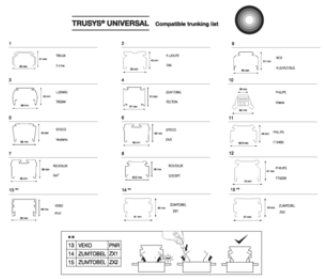
LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854311628	Folding box 1	93 mm x 1,540 mm x 69 mm	1985.00 g	9.88 dm^3
4099854311635	Shipping box 4	1,560 mm x 295 mm x 110 mm	9400.00 g	50.62 dm^3

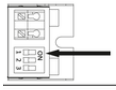
The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

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ADDITIONAL CATALOG INFORMATION

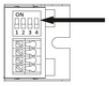


TruSys UNIVERSAL 50W ON/OFF

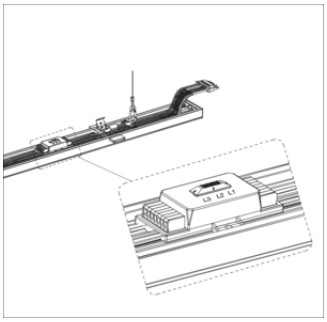


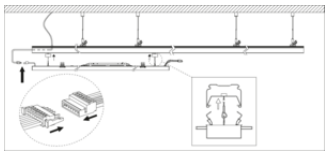
W	LM	1	2	3
20W	3700	—	—	—
30W	5550	—	ON	—
40W	7400	—	—	ON
50W	9000	—	ON	ON

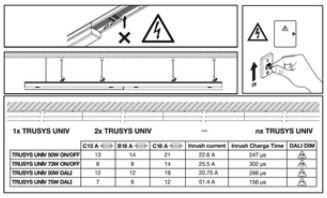
TruSys UNIVERSAL 73W ON/OFF



W	LM	1	2	3	4
41W	7380	—	—	—	ON
49W	8720	—	—	ON	—
57W	10030	—	ON	—	—
66W	11420	ON	—	—	—
73W	12400	—	—	—	—







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.

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