

PRODUCT DATASHEET

DP FIT 1200 V 31W ML 8405065 IP65

DAMP PROOF FIT | Robust damp-proof luminaires in classic shape with Multi Select function



VALUE
CLASS

Areas of application

- Industrial and storage facilities
- Car parks and underpasses
- Garages
- Workshops, assembly lines

Product benefits

- Uniform light distribution
- Highly versatile due to selectable lumen levels and light colors (Multi Select)
- Energy savings up to 69 % (compared to luminaires that use fluorescent lamps)
- Easy installation, no tools required for connection

Product features

- Available in 3 different lengths: 600 mm, 1200 mm and 1500 mm
- High luminous efficacy: up to 160 lm/W
- Multi Lumen function: lumen steps selectable
- Multi Color function: 4000 K, 5000 K and 6500 K
- Type of protection: IP65
- Beam angle: 115°
- Through-wiring possible
- Polycarbonate housing



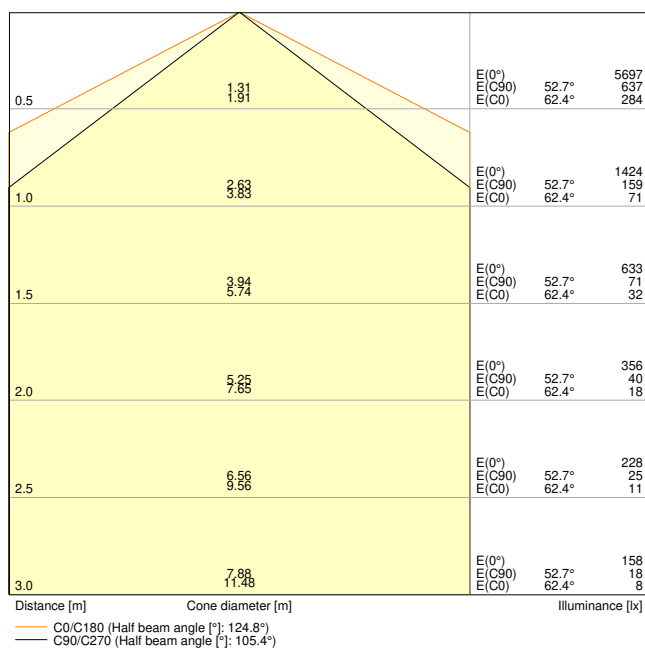
TECHNICAL DATA

Electrical data

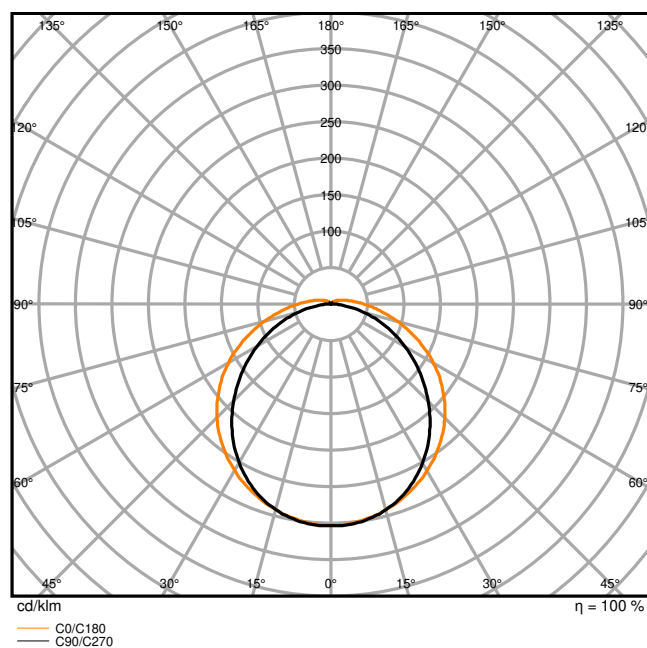
Nominal wattage	31 W / 18 W
Nominal voltage	220...240 V
Mains frequency	0/50/60 Hz
Nominal current	135.000 mA
Inrush current	12.5 A
Inrush current time T_{h50}	215 μ s
Max. number of luminaires per miniature circuit breaker B16	27
Max. number of luminaires per miniature circuit breaker C10	24
Max. number of luminaires per miniature circuit breaker C16	38
Power factor λ	> 0.90
Total harmonic distortion	< 15 %
Protection class	I
Surge capability (L-N)	1 kV
Operating mode	Integrated LED driver

Photometrical data

Luminous flux	4960 lm / 4700 lm / 2880 lm / 2800 lm
Luminous efficacy	160 lm/W / 150 lm/W
Color temperature	4000 K / 5000 K / 6500 K
Reference control setting of contained light source (Kelvin)	4000 K
Light color (designation)	Cool White / Daylight / Cool Daylight
Color rendering index Ra	> 80
Standard deviation of color matching	≤ 5 sdc _m
Low flicker	Yes
Flickering metric (Pst LM)	< 1
Stroboscope effect metric (SVM)	< 0.4
Photobiological safety group acc. to EN62778	RG0
Beam angle	115 °



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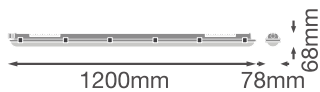
DP FIT 1200 V 31W ML 8405065 IP65

Adjustable attributes

Nominal wattage	Color temperature	Luminous flux	Luminous efficacy
31 W	4000 K	4700 lm	152 lm/W
31 W	5000 K	4960 lm	160 lm/W
31 W	6500 K	4700 lm	152 lm/W
18 W	4000 K	2800 lm	156 lm/W
18 W	5000 K	2880 lm	160 lm/W
18 W	6500 K	2800 lm	156 lm/W

Dimensions & Weight

Length	1200.00 mm
Width	78.00 mm
Height	68.00 mm
Product weight	1060.00 g



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IP65 LEDV

Materials & Colors

Product color	Grey
Housing color	Grey
RAL Color (most similar)	RAL 9018
Body material	Polycarbonate (PC)
Cover material	Polycarbonate (PC)
Light emitting surface material	Polycarbonate (PC)
Glow Wire Test according to IEC 60695-2-12	850 °C
Mercury content	0.0 mg

Application & Mounting

Ambient temperature range	-20...+40 °C
Temperature range at storage	-40...+80 °C
Type of connection	Screwless terminal, 3-Pole
Type of protection	IP65
Protection class IK (shock resistance)	IK08
Dimmable	No
Mounting type	Surface
Mounting location	Ceiling / Wall
Application environment	Indoor
Mounting height	0 m
Adjustable	No
With light source	Yes
Replaceable light source	No

Lifespan

Lifespan L70/B50 at 25 °C	100000 h ¹⁾
Lifespan L80/B10 at 25 °C	75000 h ¹⁾
Lifespan L80/B50 at 25 °C	75000 h
Lifespan L90/B10 at 25 °C	61000 h
Number of switching cycles	100000

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	150/85 mA
ECG - Output ripple current	< 5 %

Emergency lighting

Type of Emergency Lighting (EL)	EL certified driver (0Hz / DC operation) for central battery operation included
Type of emergency operation test	None

Certificates & Standards

Standards	CE / UKCA / EAC / ENEC / EPD
Luminaire with limited surface temperature, "D sign"	Yes
Ball shot safe	No
EPD	LEDV-00080-V01.01-EN
Replaceable light source (EPREL)	Not replaceable

Additional product data

Product remark	Available from March 2026 / When used in very cold applications as in cold storage, a special membrane might be required to ensure lifetime
Added function	MULTI SELECT

Accessories Optional

Product image	Product name	EAN
	DP 1200 TH-KIT 5x2.5	4058075695030

Product image	Product name	EAN
	DP 1500 TH-KIT 5x2.5	4058075695054

EQUIPMENT / ACCESSORIES

- Stainless steel clamps with safety screws included
- Mounting accessories included (suspension kit, theft protection kit, cable gland)

Safety advice

- All electrical connections must be made by a qualified person.
- Caution, risk of electric shock.
- Product in protection class I. All electrically conductive, metallic housing parts that can absorb voltage during operation or during maintenance in the event of a fault must be continuously connected to the protective earthing conductor.

DOWNLOAD DATA

	Documents and certificates	Document name
	User instruction / safety instructions	G11256095 DAMP PROOF FIT
	Legal information	Informationstext 18 Abs 4 ElektroG
	Legal information	Safety Insert G11205497
	Legal information	G11253207 Legal Insert
	Legal information	G11258069 Light Source Insert
	Declarations of conformity	DAMP PROOF FIT
	Declarations of conformity UKCA	DAMP PROOF FIT
	Certificates	ENEC certificate
	EPD	EPD EN DAMP PROOF FIT

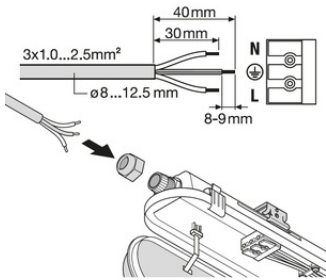
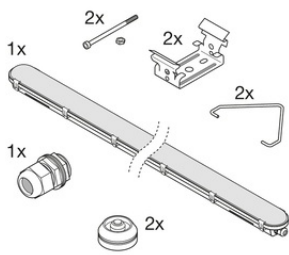
Photometric and lighting design files		Document name
	IES file (IES)	DP FIT 1200 V 31W ML 8405065 IP65
	LDT file (Eulumdat)	DP FIT 1200 V 31W ML 8405065 IP65
	ULD file (DIALux)	DP FIT 1200 V 31W ML 8405065 IP65
	ROLF file (RELUX)	DP FIT 1200 V 31W ML 8405065 IP65
	UGR file (UGR table)	DP FIT 1200 V 31W ML 8405065 IP65
	Light distribution curve type cone	DP FIT 1200 V 31W ML 8405065 IP65
	Light distribution curve type polar	DP FIT 1200 V 31W ML 8405065 IP65
CAD/BIM files		Document name
	BIM Revit 3D	Damp-Proof-Fit
	CAD STEP 3D	DP FIT 1200
Tender texts		Document name
	Tender documents	DAMP PROOF FIT 1200 V 31W ML 8405065 IP65-en

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854725623	Folding box 1	76 mm x 1,211 mm x 87 mm	1180.00 g	8.01 dm ³
4099854725630	Shipping box 6	1,229 mm x 192 mm x 254 mm	7840.00 g	59.94 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.

ADDITIONAL CATALOG INFORMATION



								
		PRN	W	K	Sn	Isa/W	Input current approx. (mA)	Output current (mA)
DP FIT 600 V 10W ML, BIDDING (IP65)			6	2000	1000	100	65	65
PRI  SEC		15	2000	1000	100	65	75	
		18	2000	1000	100	80	80	
		31	2000	1000	100	135	150	
DP FIT 1200 V 21W ML, BIDDING (IP65)			27	2000	1000	100	135	150
PRI  SEC		31	2000	1000	100	135	150	
		31	2000	1000	100	135	150	
		31	2000	1000	100	135	150	
DP FIT 1800 V 31W ML, BIDDING (IP65)			31	2000	1000	100	135	150
PRI  SEC		31	2000	1000	100	135	150	
		31	2000	1000	100	135	150	
		31	2000	1000	100	135	150	

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.