PRODUCT DATASHEET
DP SPECIAL 1500 30 W 4000 K WT IP67

DAMP PROOF SPECIAL | Tubular damp-proof luminaire with extra high IP rating, ammonium-resistant and for outdoor applications

Areas of application

- Keeping farm animals
- Food industry
- Open car parks and underpasses
- Garages
- Workshops, assembly lines
- Outdoor applications

PERFOR-
MANCE
CLASS

Product benefits

- Easy installation as mounting brackets can be positioned freely on the luminaire
- Easy installation, no tools required for connection
- Uniform light distribution
- Energy savings of up to 55 % (compared to luminaires that use fluorescent lamps)
- 5 years guarantee

Product features

- Ammonia resistant
- Sealed housing made of PMMA
- Through-wiring cable already installed
- Type of protection: IP67 (DIN EN 60529), IP69K (ISO 20653:2013)

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TECHNICAL DATA

Electrical data

Nominal wattage	30.00 W
Nominal voltage	220…240 V
Mains frequency	50/60 Hz
Nominal current	150 mA
Inrush current	13 A
Inrush current time T_{h50}	208 µs
Max. number of luminaires per miniature circuit breaker B16	25
Max. number of luminaires per miniature circuit breaker C10	22
Max. number of luminaires per miniature circuit breaker C16	36
Power factor λ	≥0.90
Total harmonic distortion	< 20 %
Protection class	I
Operating mode	Integrated LED driver

Photometrical data

Luminous flux	3900 lm
Luminous efficacy	130 lm/W
Color temperature	4000 K
Light color (designation)	Cool White
Color rendering index Ra	≥80
Standard deviation of color matching	< 5 sdcm
Luminous intensity	-
Low flicker	Yes
Flickering metric (Pst LM)	-
Stroboscope effect metric (SVM)	-
Photobiological safety group acc. to EN62778	RG0
Beam angle	120 °

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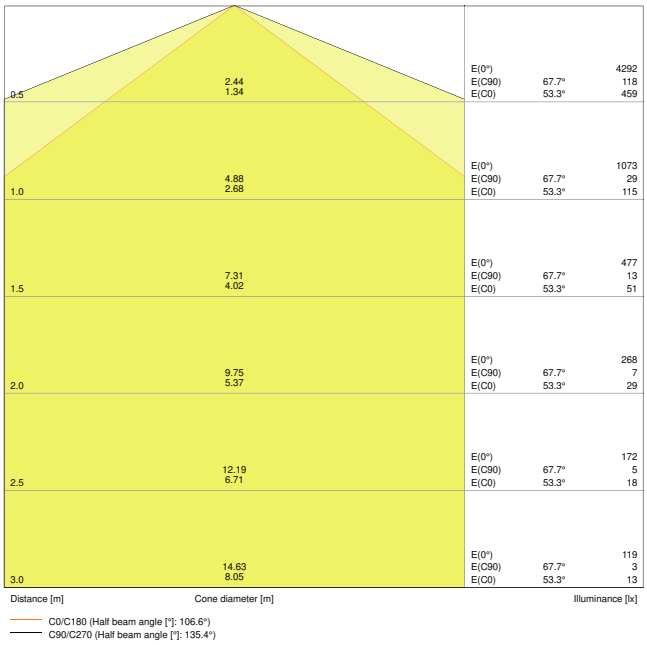

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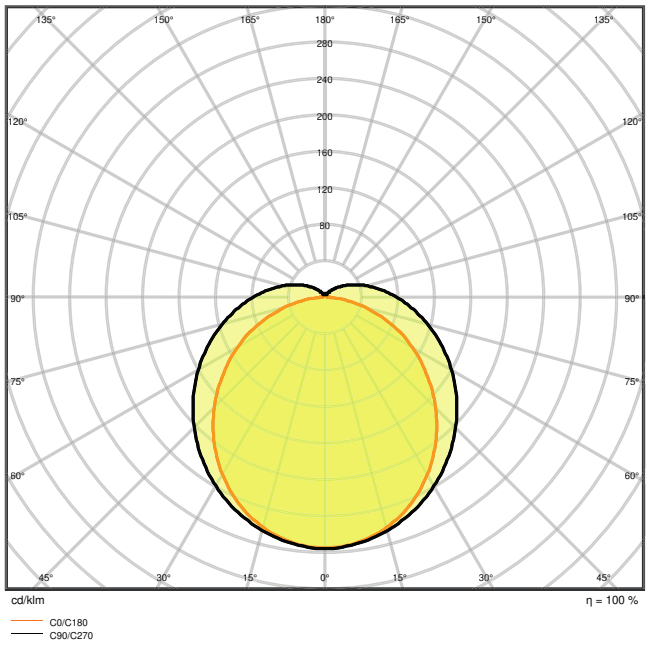

DP SPECIAL 1500 30W4000K WT IP67

Dimensions & Weight

Diameter	74.00 mm
Length	1644.00 mm
Height	82.00 mm
Product weight	1420.00 g

DP_SPECIAL

Materials & Colors

Product color	White
Housing color	White
RAL Color (most similar)	RAL 9214
Body material	Polymethylmethacrylate (PMMA)
Cover material	Polymethylmethacrylate (PMMA)
Light emitting surface material	PMMA

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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…+70 °C
Type of connection	Screwless terminal, 3-Pole
Type of protection	IP67~IP69K
Protection class IK (shock resistance)	IK06
Dimmable	No
Mounting type	Surface
Mounting location	Ceiling / Wall
Application environment	Outdoor
With light source	Yes
Replaceable light source	No

Lifespan

Lifespan L70/B50 at 25 °C	80000 h [1)]
Lifespan L80/B10 at 25 °C	50000 h [1)]
Lifespan L80/B50 at 25 °C	50000 h
Lifespan L90/B10 at 25 °C	30000 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

ECG - Output ripple current	< 10 %

Certificates & Standards

Standards	CE / CB / ENEC / TÜV SÜD / EAC / RoHS
Luminaire with limited surface temperature, "D sign"	Yes
Replaceable light source (EPREL)	Not replaceable

DOWNLOAD DATA

	Documents and certificates	Document name
PDF	User instruction / safety instructions	UI_DP SPECIAL

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	Documents and certificates	Document name
PDF	Legal information	LS Insert DP SPECIAL
PDF	Legal information	Informationstext 18 Abs 4 ElektroG
PDF	Declarations of conformity	CE Declaration DP Special
PDF	Declarations of conformity UKCA	DP Special IP65
PDF	Certificates	DP SPECIAL WT IP67
PDF	Certificates	DP SPECIAL WT IP67
PDF	Certificates	DP SPECIAL

	Photometric and lighting design files	Document name
IES	IES file (IES)	DP SPECIAL 1500 30W4000K WT IP67
LDT	LDT file (Eulumdat)	DP SPECIAL 1500 30W4000K WT IP67
ULD	ULD file (DIALux)	DP SPECIAL 1500 30W-4000K WT
ROLF	ROLF file (RELUX)	DP SPECIAL 1500 30W-4000K
	UGR file (UGR table)	DP SPECIAL 1500 30W4000K WT IP67
	Light distribution curve type cone	DP SPECIAL 1500 30W4000K WT IP67
	Light distribution curve type polar	DP SPECIAL 1500 30W4000K WT IP67

	CAD/BIM files	Document name
RFA	BIM Revit 3D	Floodlight Compact Sensor
STEP	CAD STEP 3D	DP SPECIAL 1500

LOGISTICAL DATA

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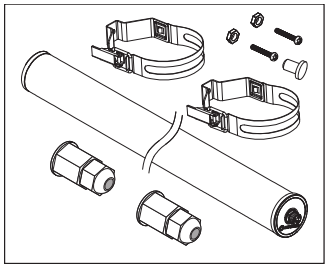
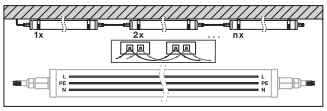
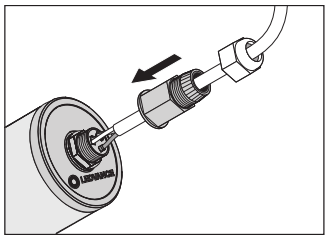
Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075452138	Folding box 1	1,647 mm x 108 mm x 108 mm	2745.00 g	19.21 dm^3
4058075452145	Shipping box 6	1,665 mm x 231 mm x 344 mm	18353.00 g	132.31 dm^3

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







References / Links

– For Guarantee see www.ledvance.com/guarantee

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