

PRODUCT DATASHEET DR EXTERNAL DALI-P -2X15-26W 220-240

LED DRIVER LED TUBE EXTERNAL DALI P | Constant current LED DRIVER EXTERNAL for LED TUBE EXTERNAL T5/T8



Areas of application

- Suitable for luminaires of protection class I
- General illumination within ambient temperatures from -20...+50 °C
- Linear lighting for office, education, storage areas and retail
- Industrial lighting (e.g. manufacturing plants, logistic centers, warehouses)
- Shops, supermarkets

Product benefits

- Multiwatt LED driver for LED TUBE EXTERNAL T5 and T8
- DALI 2.0 interface for dimming and sensor operations
- Push DIM application for easy control
- 5 years guarantee

Product features

- Flexibility due to adjustable output currents via dip switch
- Quality dimming of 1...100 %
- Safety extra-low voltage (SELV) driver
- Lifetime 100,000 h (for Tc = 65 °C)
- ENEC-certified safety
- High resistance to switching loads



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TECHNICAL DATA

Electrical data

Nominal wattage	54.00 W
Nominal output power	52 W ¹⁾
Nominal voltage	220240 V
Nominal output voltage	2545 V ²⁾
Input voltage range	220240 V
Input voltage AC	198264 V ³⁾
Input voltage DC	220240 V
U-OUT (working voltage)	60 V
Type of current	DC
Nominal current	0.3 A
Nominal output current	0.350.60 A ⁴⁾
Inrush current	60 A ⁵⁾
Output current tolerance	10 %
Output ripple current (100 Hz)	≤ 5 %
Mains frequency	0/50/60 Hz
Total harmonic distortion	< 20 % ⁶⁾
Power factor λ	0.95 ⁷⁾
ECG efficiency	86 % ⁸⁾
Device power loss	10 W ⁹⁾
Max. ECG no. on circuit breaker 10 A (B)	15
Max. ECG no. on circuit breaker 16 A (B)	25
Max. ECG no. on circuit breaker 25 A (B)	39
Surge capability (L/N-Ground)	2 kV
Surge capability (L-N)	1 kV
Galvanic isolation	SELV
Operating frequency	0/50/60 Hz
Power loss in stand-by mode	< 0.5 W

¹⁾ Partial load 17.5...54 W

²⁾ Within rated power

³⁾ Permitted voltage range

⁴⁾ $_{\pm5\%}$

⁵⁾ $t_{width} = 200 \mu s$ (measured at 50 % beak)

- 6) At full load, 220...240 V, 50 Hz
- 7) Full load at 230 V
- 8) At full load and 230 V
- 9) At maximum LED load of 55 W

Dimensions & Weight



Length	360.00 mm	
Mounting hole spacing, length	350 mm	
Width	31.00 mm	
Height	21.00 mm	
Cable cross-section, input side	0.51.5 mm ²	
Cable cross-section, output side	0.50.75 mm ²	
Prewired	No	
Wire preparation length, input side	89 mm	
Wire preparation length, output side	89 mm	
Product weight	295.00 g	

Colors & materials

Product color	White
Casing material	Metal / CGCC
Body material	Metal

Temperatures & operating conditions

Ambient temperature range	-20+50 °C ¹⁾
Maximum temperature at tc test point	90 °C
Max.housing temperature in case of fault	110 °C
Temperature range in operation	-20+50 °C
Permitted rel. humidity during operation	1085 % ²⁾

¹⁾ Temperature surrounding the lamp - for enclosed luminaires: temperature inside of the luminaire

Lifespan

²⁾ Maximum 42 days/year at 93 %

ECG lifetime	100000 h ¹⁾
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¹⁾ At $T_C = 65^{\circ}$ C / 10% failure rate

Additional product data

Encapsulated	Yes
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Capabilities

Dimmable	Yes	
Dimming interface	DALI-2 / Push DIM	
Dimming range	1100 %	
Overheating protection	Yes	
Overload protection	Yes	
Short-circuit protection	Yes	
Max. cable length to lamp/LED module	2,0 m	
Suitable for fixtures with prot. class	1711	
Suitable for emergency lighting	Yes	
Type of connection, output side	Push terminal	

Certificates & Standards

Approval marks – approval	CE / CB / ENEC / UKCA / EL	
Standards	Acc. to EN 61347-1 / Acc. to ENEC 61347-2-13 / Acc. to EN 62384 / Acc. to EN 55015 / Acc. to EN 61000-3-2 / Acc. to EN 61547	
Protection class	1	
Type of protection	IP20	

LOGISTICAL DATA

	Temperature range at storage	-20+80 °C
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Safety advice

- Operation in outdoor applications in suitable damp-proof luminaires possible according to data sheet and installation instruction.
- All electrical connections must be made by a qualified person.
- Caution, risk of electric shock.
- Disconnect mains before installation.
- Do not open enclosure-housing.

DOWNLOAD DATA

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	Documents and certificates	Document name	
PDF	User instruction / safety instructions	LED DRIVER EXT DALI	
PDF	Legal information	Informationstext 18 Abs 4 ElektroG	
PDF	Declarations of conformity	LED DRIVER LED TUBE EXTERNAL DALI P	
PDF	Declarations of conformity UKCA	LED DRIVER LED TUBE EXTERNAL DALI P	
	Tender texts Document name		

Tender texts	Document name
Tender documents	LED DRIVER LED TUBE EXTERNAL DALI P 2X15 26W 220 240-EN

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075730656	Folding box 1	372 mm x 39 mm x 29 mm	322.00 g	0.42 dm ³
4058075730663	Shipping box 25	396 mm x 217 mm x 170 mm	9110.00 g	14.61 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.

References / Links

- For current information see www.ledvance.com/ledtube

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