PRODUCT DATASHEET
P R50 25 36° 1.5 W/2700K E14

PARATHOM R50 | LED reflector lamps R50 with retrofit screw base

AREAS OF APPLICATION

– Display cabinets and shop windows
– Museums, art galleries
– Exhibition rooms
– Hospitality
– Residential interiors
– As a downlight for marking walkways, doors, stairs, etc.
– Outdoor applications only in suitable luminaires

PRODUCT BENEFITS

– Long lifetime of up to 15,000 h
– Low energy consumption
– Easy replacement of halogen lamps thanks to compact design
– Instant 100 % light, no warm-up time

PRODUCT FEATURES

– Professional LED alternative to halogen lamps
– Mercury-free lamps

TECHNICAL DATA

Electrical data

Rated wattage	1.50 W
Nominal wattage	1.50 W
Nominal voltage	220...240 V
Claimed equiv. conventional lamp power	25 W
Max. lamp no. on circuit break. 10 A (B)	300
Max. lamp no. on circuit break. 16 A (B)	400
Operating frequency	50...60 Hz
Power factor λ	> 0.40

Photometrical data

Nominal luminous flux	110 lm
Rated luminous flux	110 lm
Lumen main.fact.at end of nom.life time	0.70
Light color (designation)	Warm White
Color temperature	2700 K
Luminous flux	110 lm
Color rendering index Ra	≥80
Standard deviation of color matching	≤6 sdcm
Rated color temperature	2700 K
Color rendering index Ra	≥80
Nominal useful luminous flux 90°	110 lm
Rated useful luminous flux 90°	110 lm
Rated peak intensity	248 cd

Light technical data

Beam angle	36 °
Warm-up time (60 %)	< 0.50 s
Starting time	< 0.5 s
Nominal beam angle	36 °
Rated beam angle (half peak value)	36.00 °

Dimensions & weight
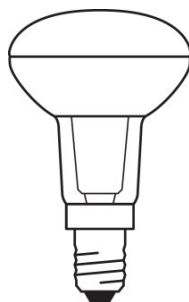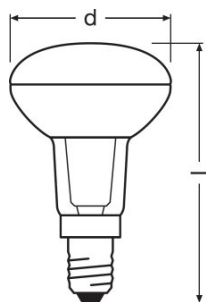
Overall length	85.0 mm
Diameter	50.0 mm
Outer bulb	T50
Length	85.0 mm
Maximum diameter	50.0 mm

Temperatures & operating conditions

Ambient temperature range	-20...+40 °C
Maximum temperature at tc test point	58 °C

Lifespan

Nominal lamp life time	15000 h
Rated lamp life time	15000 h
Number of switching cycles	100000

Additional product data

Base (standard designation)	E14
Mercury content	0.0 mg
Mercury-free	Yes
Show WEEE picto	Yes
Product remark	All technical parameters apply to the entire lamp/Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value

Capabilities

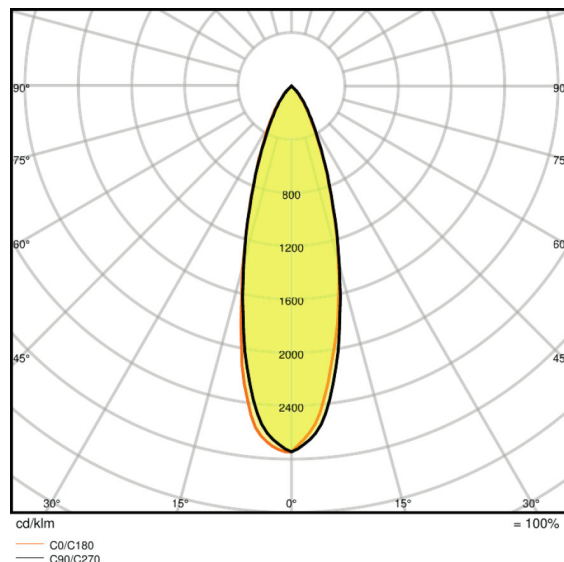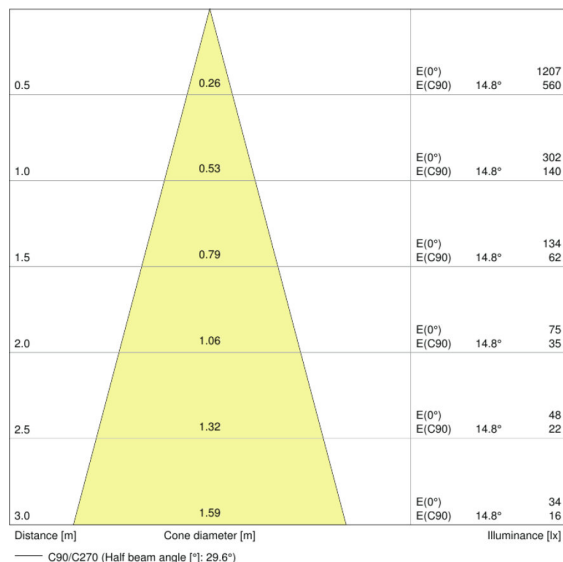|	
Dimmable	No

Certificates & standards

Energy efficiency class	A+
Energy consumption	2 kWh/1000h

Country-specific categorizations

Order reference	LEDPR5025 1,5W/

Light Distribution

LDC typ cone

LDC typ polar

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075263888	Folding carton box 1	51 mm x 51 mm x 88 mm	72.00 g	0.23 dm³
4058075263895	Shipping carton box 10	287 mm x 119 mm x 106 mm	836.00 g	3.62 dm³
4058075448629	Folding carton box 1	51 mm x 51 mm x 88 mm	72.00 g	0.23 dm³
4058075448636	Shipping carton box 10	287 mm x 119 mm x 106 mm	836.00 g	3.62 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.

REFERENCES / LINKS

For further products and actual information concerning LED lamps see

▶ www.ledvance.com/ledlamps

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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