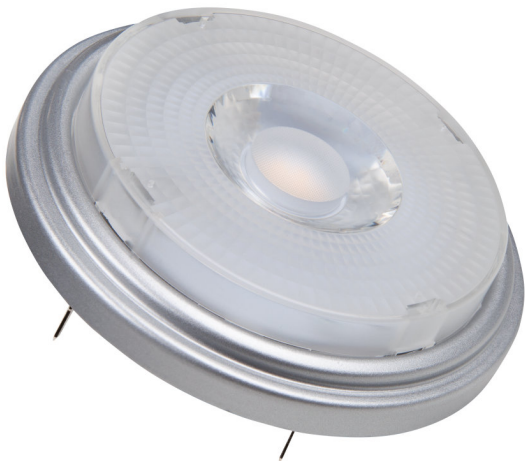# PRODUCT DATASHEET
SST AR111 50 24° 7.3 W/2700K G53 GLOWdim

PARATHOM PRO AR111 | Professional LED Lamps with added function

AREAS OF APPLICATION

– Shops
– Shop windows
– Hotels, hospitality
– Museums, art galleries
– Exhibition rooms
– Residential interiors
– Luxurious living areas
– Outdoor applications only in suitable luminaires

PRODUCT BENEFITS

– Provides an especially warm light when dimmed down
– Short payback period thanks to low energy consumption and maintenance costs
– Premium light quality thanks to high color rendering index and narrow binning
– Can be easily combined with other GLOWdim products in one application

PRODUCT FEATURES

– Professional LED alternative to AR111 halogen lamps
– Good color rendering index R_a: ≥ 90
– Mercury-free lamps
– Dimming changes light color from warm white (2,700 K) to extra warm white (1,800 K)

TECHNICAL DATA

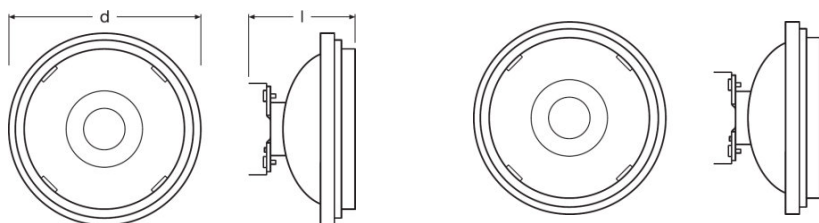### Electrical data

Rated wattage	12.00 W
Nominal wattage	7.30 W
Nominal voltage	12 V
Claimed equiv. conventional lamp power	50 W
Max. lamp no. on circuit break. 10 A (B)	6
Max. lamp no. on circuit break. 16 A (B)	10
Operating frequency	50...60 Hz

Photometrical data

Lumen main.fact.at end of nom.life time	0.70
Light color (designation)	Warm White
Color temperature	2700 K
Luminous flux	450 lm
Color rendering index Ra	≥90
Nominal luminous flux	450 lm
Rated color temperature	2700 K

Dimensions & weight

Overall length	62.0 mm

Temperatures & operating conditions

Ambient temperature range	-20...+40 °C
Maximum temperature at tc test point	83 °C

Lifespan

Nominal lamp life time	40000 h
Rated lamp life time	40000 h

Number of switching cycles	100000

Additional product data

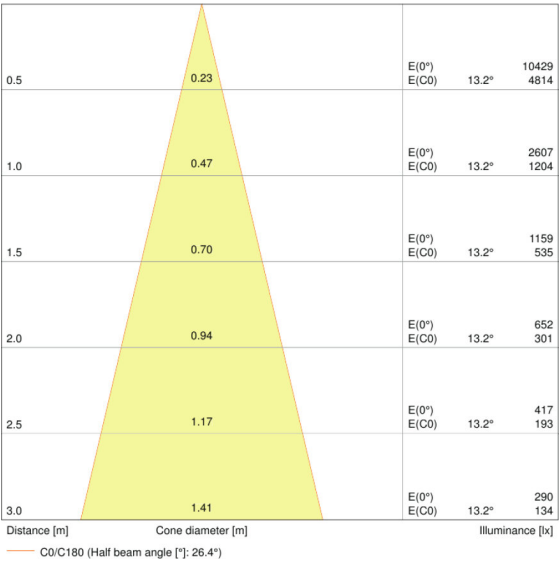| Base (standard designation)	G53
Mercury-free	Yes
Product remark	All technical parameters apply to the entire lamp/Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value

Capabilities

Dimmable	Yes

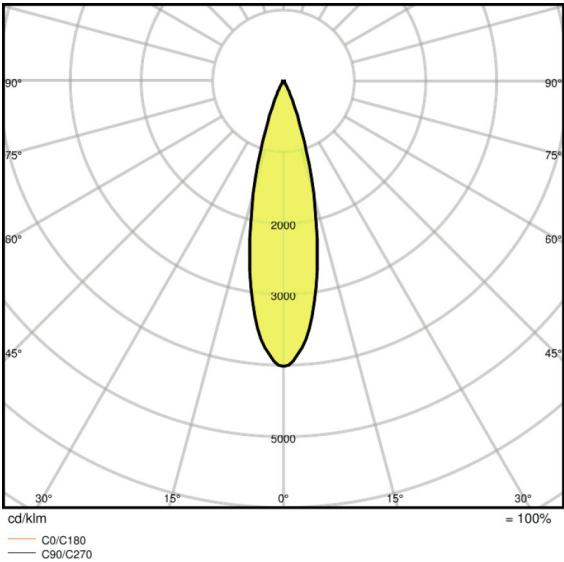## Certificates & standards

Energy efficiency class	A

Country-specific categorizations

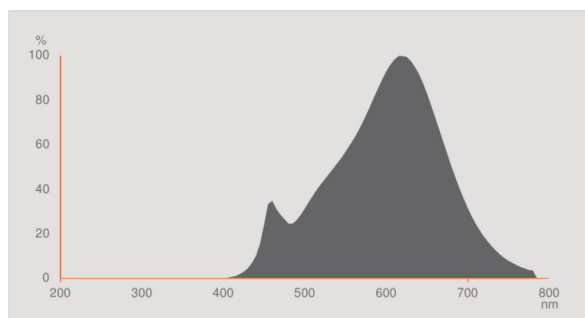| Order reference	LED111GD5024 12

Light Distribution

LDC typ cone

LDC typ polar

Spectral power distribution

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075104891	Folding carton box 1	86 mm x 86 mm x 112 mm	246.00 g	0.83 dm³
4058075104907	Shipping carton box 6	275 mm x 185 mm x 130 mm	1569.00 g	6.61 dm³
4058075448964	Folding carton box 1	113 mm x 66 mm x 113 mm	246.00 g	0.84 dm³
4058075448971	Shipping carton box 6	238 mm x 208 mm x 123 mm	1263.00 g	6.09 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 dimming conformity see
▶ www.ledvance.com/dim

For further products and actual information concerning LED lamps see
▶ www.ledvance.com/ledlamps

Further information see
▶ www.ledvance.com/low-voltage-ledlamps

DISCLAIMER

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.

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