

PARATHOM PAR16

LED reflector lamps PAR16 with retrofit pin base



Areas of application

- Shops
- Hospitality
- Museums, art galleries
- Residential interiors
- As a downlight for marking walkways, doors, stairs, etc.
- Spotlighting for accents
- Display cabinets and shop windows
- Spotlighting heat-sensitive objects such as food, plants, 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 due to compact full glass design and single optic
- Instant 100 % light, no warm-up time
- Ideal for economical spotlighting

Product features

- Professional LED alternative to high voltage halogen lamps
- Mercury-free lamps
- Made in Germany



Product family datasheet

Technical data

Product description	Electrical data			Photometrical data						Light technical data	
	Nominal wattage	Nominal voltage	Claimed equiv. conventional lamp power	Luminous intensity	Nominal luminous flux	Rated luminous flux	Color temperature	Color rendering index Ra	Light color (designation)	Beam angle	Warm-up time (60 %)
PARATHOM PAR16 20 36° 1.6 W/827 GU10 ¹⁾	1.60 W	220...240 V	20 W	350 cd	110 lm	110 lm	2700 K	80	Warm White	24 °	< 0.50 s
PARATHOM PAR16 35 36° 2.6 W/827 GU10 ¹⁾	2.60 W	220...240 V	35 W	565 cd	230 lm	230 lm	2700 K	≥80	Warm White	36 °	1.00 s
PARATHOM PAR16 35 36° 2.6 W/840 GU10 ¹⁾	2.60 W	220...240 V	35 W	565 cd	230 lm	230 lm	4000 K	≥80	Cool White	36 °	1.00 s
PARATHOM PAR16 50 36° 4.3 W/827 GU10 ¹⁾	4.30 W	220...240 V	50 W	850 cd	350 lm	350 lm	2700 K	≥80	Warm White	36 °	1.00 s
PARATHOM PAR16 50 36° 4.3 W/840 GU10 ¹⁾	4.30 W	220...240 V	50 W	850 cd	350 lm	350 lm	4000 K	≥80	Cool White	36 °	1.00 s
PARATHOM PAR16 50 120° 4.3 W/827 GU10 ¹⁾	4.30 W	220...240 V	50 W	130 cd	350 lm	350 lm	2700 K	≥80	Warm White	120 °	1.00 s
PARATHOM PAR16 50 120° 4.3 W/840 GU10 ¹⁾	4.30 W	220...240 V	50 W	130 cd	330 lm	330 lm	4000 K	≥80	Cool White	120 °	1.00 s
PARATHOM PAR16 80 36° 6.9 W/827 GU10 ¹⁾	6.90 W	220...240 V	80 W	1164 cd	575 lm	575 lm	2700 K	≥80	Warm White	36 °	1.00 s
PARATHOM PAR16 80 36° 6.9 W/840 GU10 ¹⁾	6.90 W	220...240 V	80 W	1439 cd	575 lm	575 lm	4000 K	≥80	Cool White	36 °	1.00 s

Product description	Dimensions & weight		Lifespan			Additional product data			Capabilities
	Overall length	Diameter	Nominal lamp life time	Number of switching cycles	Lumen main. fact. at end of nom. life time	Base (standard designation)	Mercury content	Mercury-free	Dimmable
PARATHOM PAR16 20 36° 1.6 W/827 GU10 ¹⁾	58.0 mm	50.0 mm	15000 h	100000	0.70	GU10	0.0 mg	Yes	No

Product family datasheet

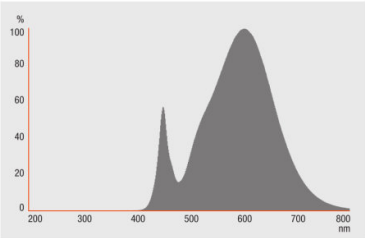
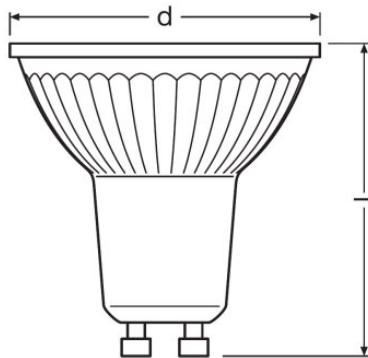
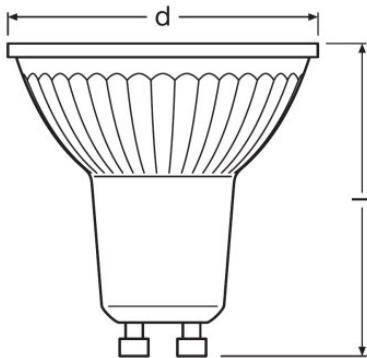
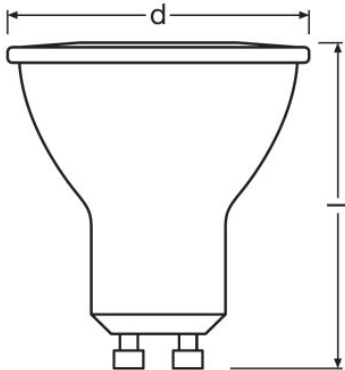
Product description	Dimensions & weight		Lifespan			Additional product data			Capabilities
	Overall length	Diameter	Nominal lamp life time	Number of switching cycles	Lumen main. fact. at end of nom. life time	Base (standard designation)	Mercury content	Mercury-free	Dimmable
PARATHOM PAR16 35 36° 2.6 W/827 GU10 ¹⁾	55.0 mm	51.0 mm	15000 h	100000	0.70	GU10	0.0 mg	Yes	No
PARATHOM PAR16 35 36° 2.6 W/840 GU10 ¹⁾	55.0 mm	51.0 mm	15000 h	100000	0.70	GU10	0.0 mg	Yes	No
PARATHOM PAR16 50 36° 4.3 W/827 GU10 ¹⁾	55.0 mm	51.0 mm	15000 h	100000	0.70	GU10	0.0 mg	Yes	No
PARATHOM PAR16 50 36° 4.3 W/840 GU10 ¹⁾	55.0 mm	51.0 mm	15000 h	100000	0.70	GU10	0.0 mg	Yes	No
PARATHOM PAR16 50 120° 4.3 W/827 GU10 ¹⁾	55.0 mm	51.0 mm	15000 h	100000	0.70	GU10	0.0 mg	Yes	No
PARATHOM PAR16 50 120° 4.3 W/840 GU10 ¹⁾	55.0 mm	51.0 mm	15000 h	100000	0.70	GU10	0.0 mg	Yes	No
PARATHOM PAR16 80 36° 6.9 W/827 GU10 ¹⁾	55.0 mm	51.0 mm	15000 h	100000	0.70	GU10	0.0 mg	Yes	No
PARATHOM PAR16 80 36° 6.9 W/840 GU10 ¹⁾	55.0 mm	51.0 mm	15000 h	100000	0.70	GU10	0.0 mg	Yes	No

Product description	Certificates & standards	Country specific categorizations
	Energy efficiency class	ILCOS
PARATHOM PAR16 20 36° 1.6 W/827 GU10 ¹⁾	A+	DRPAR-2,5-100-240-GU10-50/36
PARATHOM PAR16 35 36° 2.6 W/827 GU10 ¹⁾	A+	DRPAR-2,6/827-220-240-GU10-50/36
PARATHOM PAR16 35 36° 2.6 W/840 GU10 ¹⁾	A+	DRPAR-2,6/840-220-240-GU10-50/36

Product family datasheet

	Certificates & standards	Country specific categorizations
Product description	Energy efficiency class	ILCOS
PARATHOM PAR16 50 36° 4.3 W/827 GU10 ¹⁾	A+	DRPAR-4,3/827-220-240-GU10-50/36
PARATHOM PAR16 50 36° 4.3 W/840 GU10 ¹⁾	A+	DRPAR-4,3/840-220-240-GU10-50/36
PARATHOM PAR16 50 120° 4.3 W/827 GU10 ¹⁾	A+	DRPAR-4,3/827-220-240-GU10-50/36
PARATHOM PAR16 50 120° 4.3 W/840 GU10 ¹⁾	A+	DRPAR-4,3/840-220-240-GU10-50/36
PARATHOM PAR16 80 36° 6.9 W/827 GU10 ¹⁾	A+	DRPAR-6,9/827-220-240-GU10-50/36
PARATHOM PAR16 80 36° 6.9 W/840 GU10 ¹⁾	A+	DRPAR-6,9/840-220-240-GU10-50/36

¹⁾ 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



PARATHOM PAR16 20 36° 1.6 W/827
GU10

PARATHOM PAR16 35 36° 2.6 W/827
GU10, PARATHOM PAR16 35 36° 2.6
W/840 GU10, PARATHOM PAR16 50
36° 4.3 W/827 GU10, PARATHOM
PAR16 50 36° 4.3 W/840 GU10,
PARATHOM PAR16 80 36° 6.9 W/827
GU10, PARATHOM PAR16 80 36° 6.9
W/840 GU10

PARATHOM PAR16 50 120° 4.3 W/827
GU10, PARATHOM PAR16 50 120° 4.3
W/840 GU10

PARATHOM PAR16 20 36° 1.6 W/827
GU10

Application advice

For more detailed application information and graphics please see product datasheet.

Logistical Data

Product family datasheet

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4052899910362	PARATHOM PAR16 20 36° 1.6 W/827 GU10	Shipping carton box 10	275 mm x 116 mm x 78 mm	2.49 dm ³	767.00 g
4052899958050	PARATHOM PAR16 35 36° 2.6 W/827 GU10	Shipping carton box 10	257 mm x 110 mm x 70 mm	1.98 dm ³	545.00 g
4052899958067	PARATHOM PAR16 35 36° 2.6 W/840 GU10	Shipping carton box 10	257 mm x 110 mm x 70 mm	1.98 dm ³	545.00 g
4052899958104	PARATHOM PAR16 50 36° 4.3 W/827 GU10	Shipping carton box 10	257 mm x 110 mm x 70 mm	1.98 dm ³	545.00 g
4052899958128	PARATHOM PAR16 50 36° 4.3 W/840 GU10	Shipping carton box 10	257 mm x 110 mm x 70 mm	1.98 dm ³	549.00 g
4052899958111	PARATHOM PAR16 50 120° 4.3 W/827 GU10	Shipping carton box 10	257 mm x 110 mm x 70 mm	1.98 dm ³	545.00 g
4052899958142	PARATHOM PAR16 50 120° 4.3 W/840 GU10	Shipping carton box 10	257 mm x 110 mm x 70 mm	1.98 dm ³	548.00 g
4052899958173	PARATHOM PAR16 80 36° 6.9 W/827 GU10	Shipping carton box 10	257 mm x 110 mm x 70 mm	1.98 dm ³	545.00 g
4052899958180	PARATHOM PAR16 80 36° 6.9 W/840 GU10	Shipping carton box 10	257 mm x 110 mm x 70 mm	1.98 dm ³	545.00 g

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

Product family datasheet

▶ www.ledvance.com/guarantee

Disclaimer

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