

PAR16 DBT

Reflector Lamps

LR211053/dm/db-HRv00-2B+024D035D+GU10+827+V0240



PRODUCT FEATURES

- Simple push action on PAR16 featured with Dual Beam Technology (DBT) can shape the light spot of the lamp from a narrow beam to a wider beam angle, including 24° to 35°, 40° to 60°
- Enhance efficacy, beam control and excellent optics by Hybrid Reflector Technology
- Offer perfect linear dimming which is compatible with most EU dimmers
- Work well under fire rated downlights with the life time up to 25,000 hours at 45°C
- Low flicker $\leq 8\%$

APPLICATIONS

- Galleries and Museums
- Hotels
- Meeting Rooms
- Restaurants
- Showcase Displays



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PRODUCT DATASHEET

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GENERAL INFORMATION

Model Number	LR211053/dm/db-HRv00-2B
Product Code	LR211053/dm/db-HRv00-2B+024D035D+GU10+827+V0240
Cap Base	GU10
Dimmable	100-5%
Warm Up Time 60% of Full Light	Instant
Starting Time	< 0.5 s
Working Temperature	-30°C to +45°C
Housing Colour	Grey
Cover Design	Hybrid Reflector
Flammability of Plastic Component	V0
Series	PAR16 DBT

LIFE PERFORMANCE

Lifetime (L80 B50)	25000 at 25°C
Lifetime (L70 B50)	25000 at 45°C
Number of Switching Cycles	> 100000

ELECTRICAL DATA

Input Voltage	220-240 VAC
Frequency	50/60 Hz
Power Factor	> 0.7
Displacement Factor	0.70
Equivalent Wattage	50 W
Power	5.3 W
Input Current	27 mA
Surge Protection	500
Inrush Current	1.8 A
Inrush Duration	40.4 µs
Max. No. of Lamp Connection on MCB (B10)	116
Max. No. of Lamp Connection on MCB (B16)	183
Max. No. of Lamp Connection on MCB (C10)	191
Max. No. of Lamp Connection on MCB (C16)	312

PHOTOMETRICAL INFORMATION

Luminous Flux	550 lm
Luminous Flux in 90° Cone	500 lm
Luminous Efficacy	104 lm/W
Colour Temperature	2700 K
Colour Consistency	6

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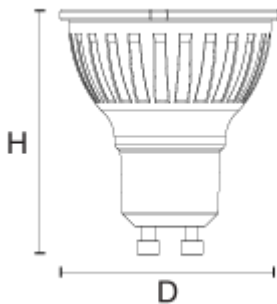
LR211053/dm/db-HRv00-2B+024D035D+GU10+827+V0240

CRI	Ra80
Beam Angle	[DBT] 24° / 35°
Maximum Luminous Intensity	3000 [24°] / 1800 [35°] cd
Flickering	≤ 8% at 100Hz
SVM	0.4
P _{ST} LM	1.0
Chromaticity Coordinates (x and y)	0.458, 0.410

CERTIFICATES & STANDARDS

Weighted Energy Consumption	6
Energy Class	E
Photobiological Safety Group	RG1
Approvals	CE, RoHS
Standards Compliance	IEC/EN 62560, IEC/EN 62493, IEC/EN 62471, ErP 2019/2020, IEC 62612, IEC CISPR15, EN 55015, IEC/EN 61547, IEC/EN 61000-3-2, IEC/EN 61000-3-3

DIMENSIONS & WEIGHT



Width (W)	50 mm
Height (H)	56 mm
Diameter (D)	50 mm
Weight	42 g

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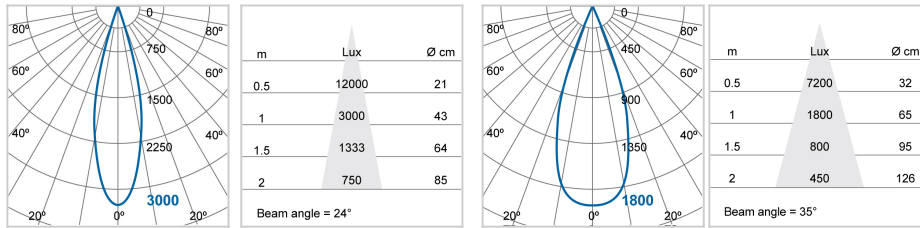
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PHOTOMETRIC DIAGRAM



LOGISTIC INFORMATION

MM Code	Packaging Unit	Outer Box Dimensions			Gross Weight per Outer Box
		L mm	W mm	H mm	
140516/MM10348	1 pcs/unit	51	51	65	0.061 kg
	60	281	234	242	4.08 kg