



LED Specialty Lamps

2T3/PER/830/ND/GY6.35/12V 6/1BC

Philips speciality LED lamps are the smart alternative to standard incandescent. Their unique lamp design provides form factors to fit in standard applications with incredible energy savings.

Product data

General Information	
Cap-Base	GY6.35 [GY6.35]
Nominal lifetime	15,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
EU RoHS compliant	Yes

Light Technical	
Color Code	830 [CCT of 3000K]
Luminous Flux	200 lm
Color Designation	White (WH)
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	100.00 lm/W
Color Consistency	<6
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %

Operating and Electrical	
Line Frequency	- Hz
Input Frequency	- Hz
Power Consumption	2 W
Lamp Current (Nom)	250 mA
Wattage Equivalent	20 W
Starting Time (Nom)	0.5 s

Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.4
Voltage (Nom)	ac electronic 12 V

Temperature	
T-Case Maximum (Nom)	132.8 °F

Controls and Dimming	
Dimmable	No

Mechanical and Housing	
Bulb Finish	Clear
Bulb Material	Plastic
Bulb Shape	Capsule

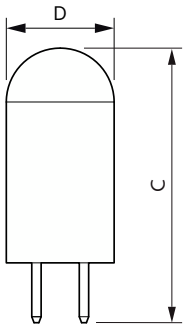
Approval and Application	
Suitable For Accent Lighting	No

Product Data	
Order product name	2T3/PER/830/ND/GY6.35/12V 6/1BC
Full product name	2T3/PER/830/ND/GY6.35/12V 6/1BC
Order code	477240
Material Nr. (12NC)	929001844425
Numerator - Quantity Per Pack	1

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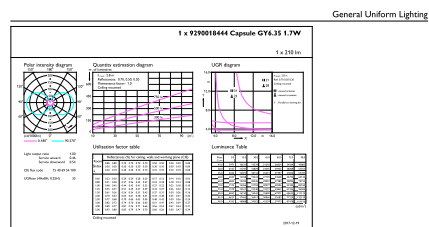
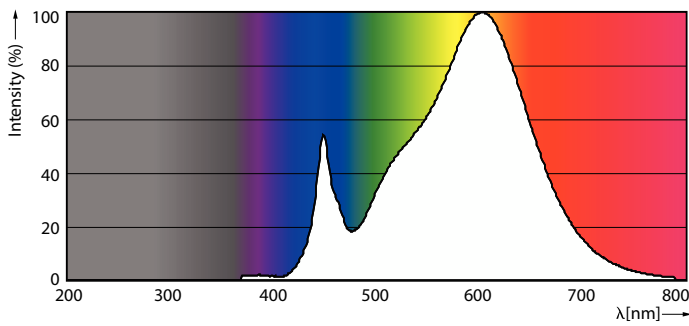
EAN/UPC - Product/Case	046677477240
Numerator - Packs per outer box	6
EAN/UPC - Case	50046677477245

Dimensional drawing



Product	D	C
2T3/PER/830/ND/GY6.35/12V 6/1BC	15 mm	39 mm

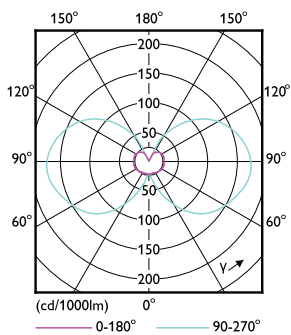
Photometric data



CalcLux Photometrics 4.5 Philips Lighting B.V. Page 1/11

Spectral Power Distribution Colour - 2T3/PER/830/ND/GY6.35/12V 6/1BC

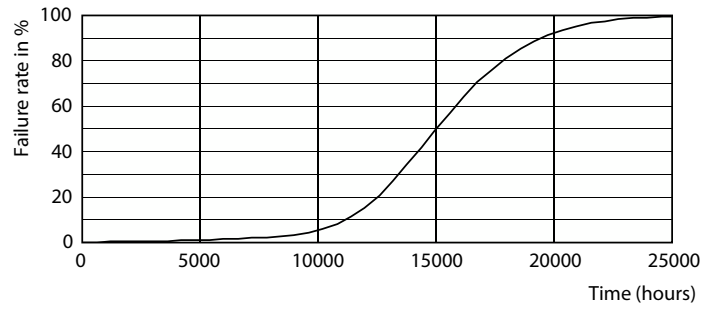
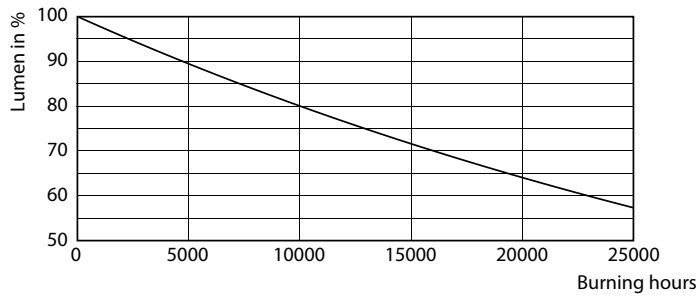
Accent Lighting Spots - 2T3/PER/830/ND/GY6.35/12V 6/1BC



Light Distribution Diagram - 2T3/PER/830/ND/GY6.35/12V 6/1BC

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Lifetime



Lumen Maintenance Diagram - 2T3/PER/830/ND/GY6.35/12V 6/1BC

Life Expectancy Diagram - 2T3/PER/830/ND/GY6.35/12V 6/1BC

