



# CosmoPolis CosmoWhite

## CPO-TW 60W/728 White PGZ12

Philips Cosmopolis Outdoor Lighting System simplifies outdoor lighting with the combination of a miniature lamp and an optimized electronic ballast system.

### Product data

General Information			
Base	PGZ12 [ PGZ12]	Chromaticity Coordinate X (Nom)	453
Operating Position	Universal [ Universal]	Chromaticity Coordinate Y (Nom)	405
Life to 5% Failures (Nom)	21500 h	Luminous Efficacy (rated) (Nom)	120 lm/W
Life To 10% Failures (Nom)	24000 h	Color Rendering Index (Min)	70
Life to 20% Failures (Nom)	27000 h	Color Rendering Index (Nom)	73
Life to 50% Failures (Nom)	32000 h	LLMF 2000 h Rated	92 %
ANSI Code HID	C187/E	LLMF 4000 h Rated	90 %
LSF 2000 h Rated	99 %	LLMF 6000 h Rated	90 %
LSF 4000 h Rated	99 %	LLMF 8000 h Rated	90 %
LSF 6000 h Rated	99 %	LLMF 12000 h Rated	89 %
LSF 8000 h Rated	99 %	LLMF 16000 h Rated	87 %
LSF 12000 h Rated	99 %	LLMF 20000 h Rated	86 %
LSF 16000 h Rated	99 %	LLMF 24000 h Rated	84 %
LSF 20000 h Rated	97 %	LLMF 30000 h Rated	82 %
LSF 24000 h Rated	90 %	Ratio Scotopic/Photopic Lumens	1.15
LSF 30000 h Rated	63 %		
Light Technical		Operating and Electrical	
Color Code	728 [ CCT of 2800K]	Power (Rated) (Nom)	60.0 W
Luminous Flux (Rated) (Nom)	7200 lm	Ignition Peak Voltage (Max)	5000 V
Color Designation	White (WH)	Re-Ignition Time (Min) (Max)	900 s
		Ignition Time (Max)	30 s
		Voltage (Max)	99 V

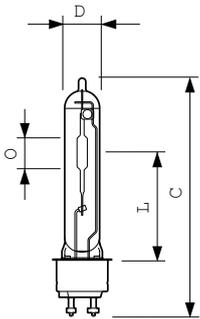
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Voltage (Min)	85 V
Voltage (Nom)	92 V
<b>Controls and Dimming</b>	
Dimmable	Yes
Run-Up Time 90% (Max)	3 min
<b>Mechanical and Housing</b>	
Bulb Finish	Clear
<b>Approval and Application</b>	
Energy Efficiency Label (EEL)	A+
Mercury (Hg) Content (Nom)	2.0 mg
Energy Consumption kWh/1000 h	66 kWh
<b>UV</b>	
Pet (Niosh) (Min)	8 h/500lx
Pet (Niosh) (Nom)	19 h/500lx

Damage Factor D/fc (Nom)	0.17
<b>Luminaire Design Requirements</b>	
Bulb Temperature (Max)	400 °C
Cap-Base Temperature (Max)	300 °C
<b>Product Data</b>	
Order product name	CPO-TW 60W/728 White PGZ12
EAN/UPC - Product	046677157319
Order code	157313
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	12
Material Nr. (12NC)	928088505105
Net Weight (Piece)	0.034 kg
ILCOS Code	MT-60/728-H-PGZ12-20/132

## Warnings and Safety

### Dimensional drawing

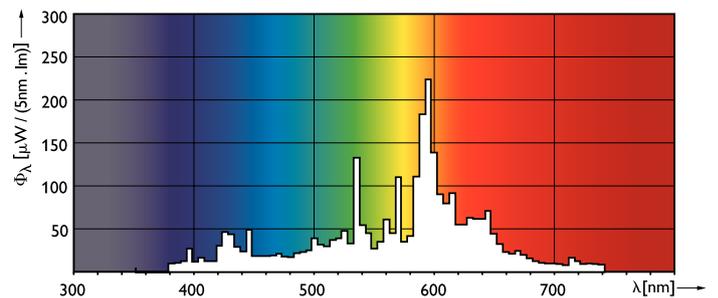


CPO-TW Xtra 60W/728 PGZ12

### Photometric data

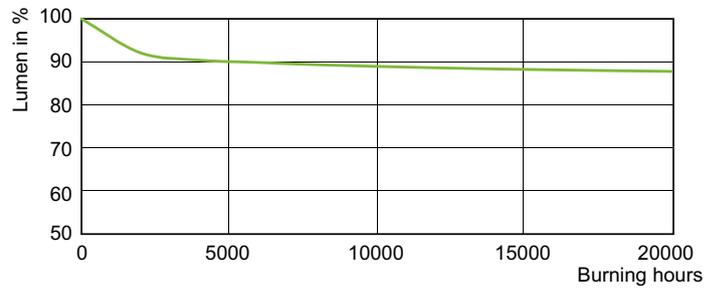
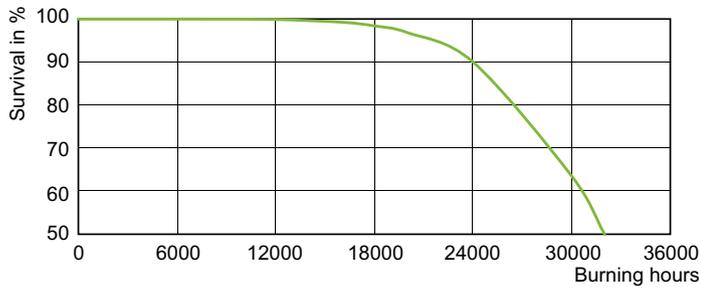
150° 180° 150°

<b>Product</b>
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## Lifetime



LDLE\_CPO-TW\_0006-Life expectancy diagram

LDLM\_CPO-TW\_0004-Lumen maintenance diagram

