



MASTER CosmoWhite CPO-TW 60W/728 PGZ12 ICT

Product family description

New-generation ceramic metal halide lamps for outdoor lighting with white light, using a new lamp base and clear quartz outer bulb

Product Features

- Extreme high energy efficiency
- Unique new burner design and positioning in combination with best lamp fixation (PGZ12)
- Compact size: 50% smaller than SON/HPL systems
- New electronic gear platform meets the most demanding public lighting requirements

Product Benefits

- Attractive white light
- Best optical efficacy allows greater spacing between luminaires, thereby reducing investment
- Highest energy saving and lowest cost of ownership
- Lower our energy cost with 10-150% compared with today's light sources for outdoor applications
- Compact size & unique burnershape allows optimized optic and luminaire design
- Optimal lamp service lifetime and energy savings initially and over lifetime
- Robust, dedicated outdoor electronic Xtreme gear for long and reliable operation, ensuring future-proof outdoor installation

Environment

- Philips Green Flagship product with high efficacy minimizes environmental impact and CO2 emission:
- Good environmental choice due to highest energy efficiency in combination with compact white light
- Compact size for low material and packaging use

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- RoHS compliant (lead-free), very low mercury content (max. 2.5 mg), covered by WEEE

Application

- Urban Public Lighting for city centers, residential areas and roads

System

- Designed for use with electronic gear only
- Lamps and gear developed together to ensure optimal system operation for:
 - Lowest system energy initially and over lifetime
 - Robust, long-life outdoor-proof installation (lightning strike and peak voltage protection)

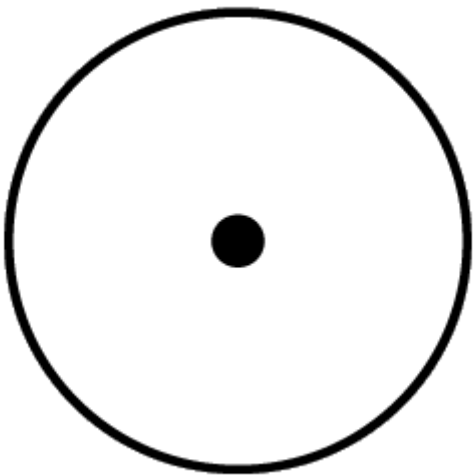
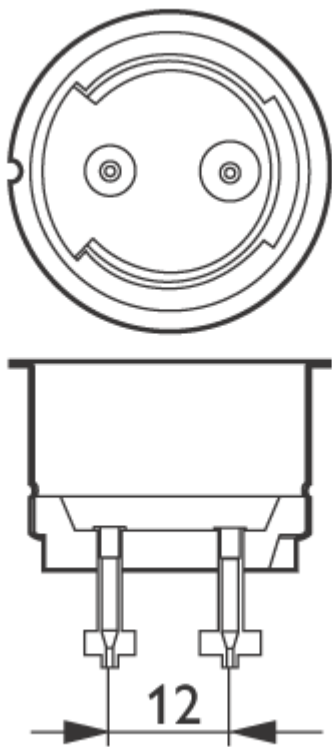
Product data	
Order code	208514 15
Full product code	871150020851415
locod	
Full product name	MASTER CosmoWhite CPO-TW 60W/728 PGZ12 ICT
Order product name	MST CosmoWh CPO-TW 60W/728 PGZ12 ICT/12
Packing type	1 Lamp in a Folding Carton
Pieces per pack	1
Packing configuration	12
Packs per outerbox	12
Bar code on pack - EAN1	8711500208514
Bar code on intermediate packing - EAN2	
Bar code on outerbox - EAN3	8711500208521
Logistic code(s) - 12NC	9280 885 05127
ILCOS code	MT-60/28/2B-H-PGZ12
Net weight per piece	0.034 KG
Successor order code	
Cap-Base	PGZ12
Bulb	T19 [T 19mm]
Bulb Finish	Clear
Burning Position	any [Any/Universal]
Life to 10% failures	12000 hr
Life to 50% failures	18000 hr
Lamp Wattage	60W
Lamp Wattage EM	- W
Lamp Wattage EL	60 W
Lamp Voltage	92 V
Lamp Current EM	- A
Lamp Current EL	0.65 A
Dimmable	yes
Colour Code	728 [CCT of 2800K]
Colour Rendering Index	66 Ra8
Colour Designation	White
Colour Temperature	2720 K
Chromaticity Coordinate X	456 -
Chromaticity Coordinate Y	406 -
Lamp Luminous Flux EL	6800 Lm
Lamp Luminous Efficacy EM	- Lm/W
Lamp Luminous Efficacy EL	114 Lm/W

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Product data	
Lumen Maintenance 2000h	96 %
Lumen Maintenance 5000h	91 %
Lumen Maintenance 12000h	78 %
Lumen Maintenance 8000h	85 %
Cap-Base Temperature	300 C
Bulb Temperature	400 C



MST CosmoWh CPO-TW 45W/60W PGZ12

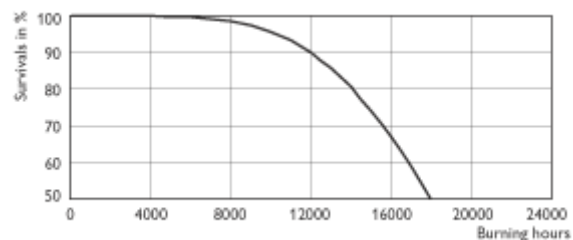


Burning Position any

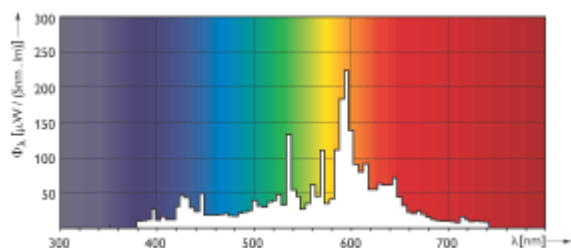
Cap-Base PGZ12



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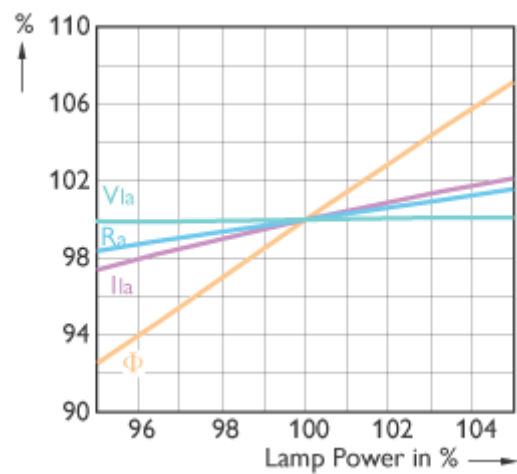


MST CosmoWh CPO-TW 45W/60W

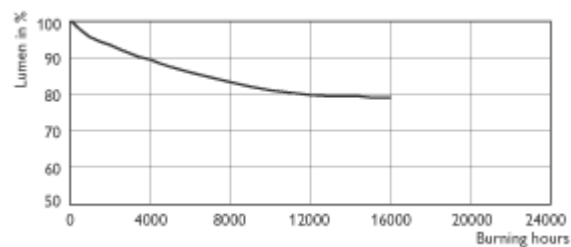


MASTER CosmoWhite CPO-TW 60W

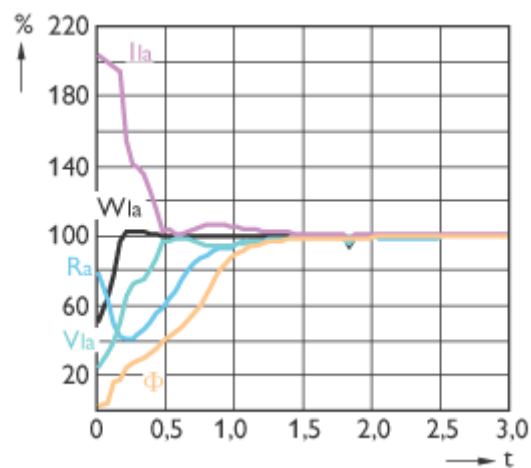
MST CosmoWh CPO-TW 60W



MST CosmoWh CPO-TW 60W

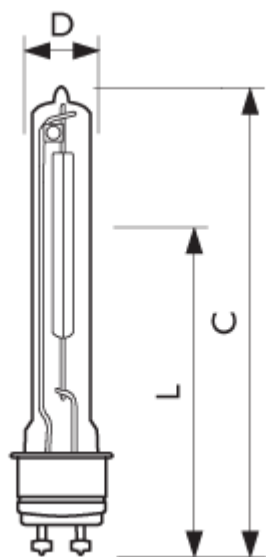


MST CosmoWh CPO-TW 45W/60W



MST CosmoWh CPO-TW 60W

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MST CosmoWh CPO-TW PGZ12

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	D	D	D	L	L	L
Full product name	Max	Max	Max	Nom	Nom	Nom
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Full product name	Nom	Nom	Nom
MASTER CosmoWhite CPO-TW 60W/728 PGZ12 ICT	15	15	15



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