# **PHILIPS** Lighting



## The most energyefficient reliable white light solution for Outdoor

### MASTER CosmoWhite CPO-TW & CPO-TW Xtra

New-generation ceramic metal halide lamps used in Outdoor offering efficient and pleasant white light

#### Benefits

- Attractive white light
- Excellent optical efficacy allows greater spacing between luminaires, thereby reducing investment
- Energy savings of up to 60% and very low cost of ownership

#### Features

- $\cdot$  Highly efficient white light with extremely high system efficacy
- $\cdot$  Long reliable lifetime; new Xtra range offering service life of up to 6 years
- Unique new burner design and positioning in combination with optimum lamp fixation (PGZ12) ensures excellent optical efficacy
- Compact size: 50% smaller than SON/HPL systems
- New electronic gear platform including dimming options

#### Application

- $\boldsymbol{\cdot}$  Urban public lighting for city centers, residential areas and roads
- Lamp optimized for horizontal position; when positioned vertically, the lifetime specification is much lower (as much as 40%)

#### Warnings and Safety

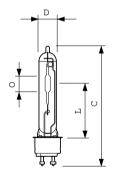
- Use only in totally enclosed luminaire, even during testing (IEC61167, IEC 62035, IEC60598)
- $\cdot$  The luminaire must be able to contain hot lamp parts if the lamp ruptures
- $\cdot$  Use only with electronic control gear
- Control gear must include end-of-life protection (IEC61167, IEC 62035)
- A lamp breaking is extremely unlikely to have any impact on your health. If a lamp breaks, ventilate the room for 30 minutes and remove the parts, preferably with gloves. Put them in a sealed plastic bag and take it to your local waste facilities for recycling. Do not use a vacuum cleaner.

#### Versions

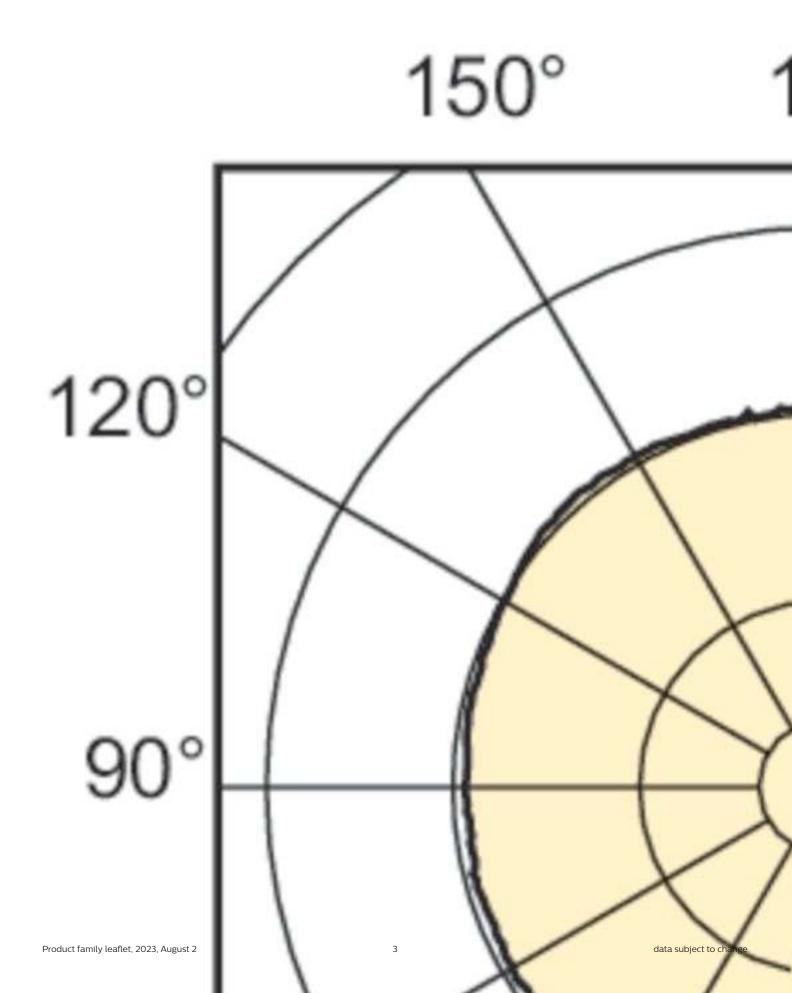


LPPR CPO-TW 0001

#### **Dimensional drawing**



Product	D (max)	D	0	L	C (max)
MST CosmoWh CPO-TW Xtra 60W/728	20 mm	19 mm	14 mm	59 mm	132 mm
PGZ12					





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