

CPDPH01 | DATASHEET

Diffuser cap for telecentric illuminators, diffusive diameter 2.77 mm



In certain cases, telecentric illuminators projecting a quasi-monochromatic light source (such as an LED) can give rise to diffraction effects.

CPDPH series features optional diffuser caps designed to be positioned in front of **LTSCHP1W** modules and into any **LTCLHP**, **LT-CLHP CORE** or **LTCL4K** telecentric illuminator to effectively minimize such diffraction effects.

Diffuser caps may affect the level of illumination homogeneity.



SPECIFICATIONS

Mechanical specifications

Diameter	(mm)	26.0
Height	(mm)	8.7
Diffusive diameter	(mm)	2.77
Mass	(g)	7

COMPATIBLE PRODUCTS

Full list of compatible products available [here](#).



A wide selection of innovative machine vision components.

All product specifications and data are subject to change without notice to improve reliability, functionality, design or other. Photos and pictures are for illustration purposes only. Data are reported by design, actual lens performance may vary due to manufacturing tolerances.