



LARGE LDOME

POWERFUL LARGE DOME LIGHTING

▶ LED LIGHTING SYSTEM ▶ MACHINE VISION APPLICATIONS ▶ HIGH POWERFUL LED ▶ HOMOGENEOUS LIGHTING ▶ QUALITY CONTROL WITH CAMERA

THE MOST DIFFUSE INDIRECT LIGHTING.



- ✓ Big size,
- ✓ continuous and strobe modes,
- ✓ exist in various led lighting colours.

The LARGE LDOME is the biggest TPL Vision's dome. Either in continuous or in strobe mode, the LDOME provides a very diffuse indirect lighting. No doubt that this is the indispensable lighting

for rounded shiny surfaces. The LDOME reveals all its potential in robotics (ex: resetting process) and also in quality control (ex: surface defects, marking reading, materials lacks).

RELATED PRODUCTS

M8 female – 3 pins cable



2 meters	Ref: C-M8-3P-2M
5 meters	Ref: C-M8-3P-5M
10 meters	Ref: C-M8-3P-10M

Safety glasses



Ref: EYE-PROTECT

LIGHTING METHOD



TECHNICAL SPECIFICATIONS

Electronics	
Power supply	24 VDC $\pm 10\%$
Functioning mode	Continuous or strobe according to wiring
Maximum rising time	1.5ms
Maximum falling time	1ms
Wiring	M8 3 poles male connector
Max. Consumption (WHI, 630,525,470,850)	25 W
Optics	
Colour	White, Red, Green, Blue, Infrared
Number of Leds	18
Mechanics	
Dimensions	400 x 400 x 182 mm
Internal diameter	300 mm
Weight	1500 g
Body materials	Aluminum + white PMMA
Fixing	4 M8 screws
Environment	
Operating temperature	0 - 40°C
Storage temperature	0 - 60°C
IP protection	IP 00
Labels	RoHS-CE-WEEE

HOW TO BUILD YOUR REFERENCE

REQUIRED SETTINGS

LDOME

COLOUR

WHI

630

525

470

850

EXAMPLES :

LDOME WHITE LEDS :

LDOME RED LEDS :

LDOME BLUE LEDS :

RESULTS :

LDOME-WHI

LDOME-630

LDOME-470

Features and presentations liable to modifications without prior notice. Ref.TS-050201-A2, 2019/12 Edition.

TPL VISION UK

Brenchley House - School Road - Charing - Kent TN27 0JW - UK
Tel. +44 (0)1738 310 392 - contact@tpl-vision.co.uk

www.tpl-vision.com



Other available documents :

- PDF, DWG, DXF, IGS, STEP & X_Y DRAWINGS
- USER'S GUIDE

Large LDOME

