



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).



TECHNICAL SPECIFICATIONS

Electronics	
Power supply	24 VDC +/-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-DEEE

RELATED PRODUCTS

Ask for your add-ons, customized for the Large LDOME :

- wiring
- safety glasses
- fixing hardware

MY CONTACT

.....

.....

.....

.....

.....

HOW TO BUILD YOUR REFERENCE

REQUIRED SETTINGS

LDOME	-	COLOUR
		WHI <input type="checkbox"/>
		630 <input type="checkbox"/>
		525 <input type="checkbox"/>
		470 <input type="checkbox"/>
		850 <input type="checkbox"/>

EXAMPLES : **RESULTS :**
 LDOME WHITE LEDS : ➔ LDOME-WHI
 LDOME RED LEDS : ➔ LDOME-630
 LDOME BLUE LEDS : ➔ LDOME-470

Features and presentations liable to modifications without prior notice. A-1 version, 2017/07 Edition

TPL VISION UK

Brenchley House - School Road - Charing - Kent TN27 0JW - UK
 Tel. +44 (0)1738 450 504 - 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

