



## Consolite® Technology Ltd

St. Martins Business Park, Bells Lane, Zeals, Wiltshire, BA12 6LY, UK

Tel: +44 (0) 1747 840900 - E mail: sales@consolite.co.uk

Certified to ISO9001:2015

### CTL-324 General lighting luminaire, LED, Flush mount, Interior

A range of flush mounting, interior, general lighting LED luminaires for a wide variety of applications, offering different lighting modes. Robust design and construction makes them suitable for the most challenging of environments.

#### Features

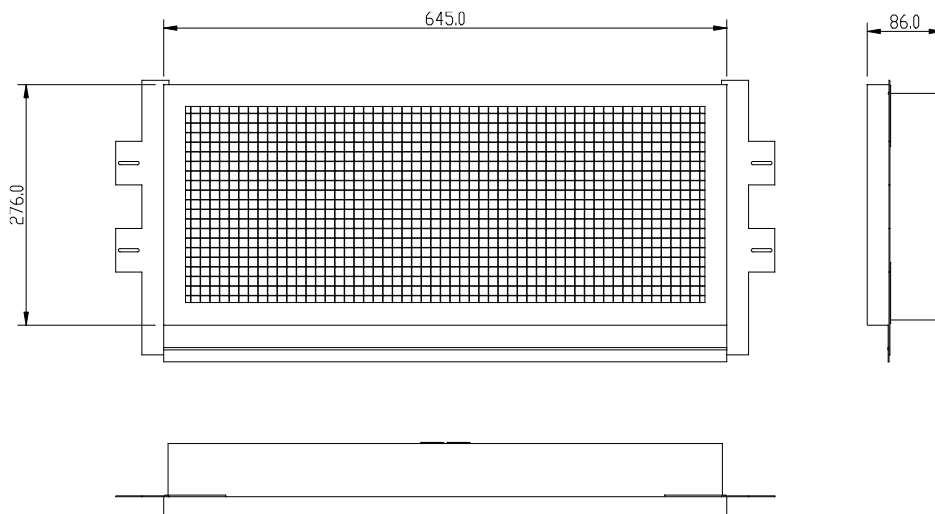
- LED technology - low power, high reliability
- High output, neutral colour white light
- Rugged construction, steel housing, painted white
- Integrates with Dampa type ceiling
- Simple installation - ready for connection
- 96-277V AC operation

#### Options

- Second mode red, low level white or green
- NVG compatibility
- With or without louvre



Two sizes broadly match the outputs of 2 x 18W and 2 x 36W fluorescent units. Smaller size shown here.





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### Part Number Guide

CTL-324	Function	Output (lm)	IP Rating	Voltage (V AC)	Power (W)	Dimensions * (mm)	Weight (kg)
-101	Dual mode white – full bright/NVG, low level white bridge dark adaptation	1800	22	96-277	25	645 x 276 x 86	5
-102	Dual mode white – full bright/NVG, low level white enhanced dark adaptation	1800	22	96-277	25	645 x 276 x 86	5
-103	Dual mode white – full bright/NVG, low level white dark adaptation	1800	22	96-277	25	645 x 276 x 86	5
-104	Dual mode white – full bright/non-NVG low level white dark adaptation	1800	22	96-277	25	645 x 276 x 86	5
-105	Dual mode – full bright white/red dark adaptation	1800	22	96-277	25	645 x 276 x 86	5
-106	Single mode – full bright white	1800	22	96-277	25	645 x 276 x 86	5
-110	Single mode – white, dimmable	1800	22	96-277	25	645 x 276 x 86	5
-111	Dual mode – bright white/green NVG dark adaptation	1800	22	96-277	25	645 x 276 x 86	5
-107	Dual mode white – full bright/NVG, low level white bridge dark adaptation	3600	22	96-277	48	1260 x 276 x 86	8.5
-108	Dual mode white – full bright/NVG, low level white enhanced dark adaptation	3600	22	96-277	48	1260 x 276 x 86	8.5
-109	Dual mode white – full bright/NVG, low level white dark adaptation	3600	22	96-277	48	1260 x 276 x 86	8.5
-112	Single mode, white, dimmable	3600	22	96-277	48	1260 x 276 x 86	8.5
-113	Dual mode – full bright white/red dark adaptation	3600	22	96-277	48	1260 x 276 x 86	8.5
-114	Dual mode – full bright white/green NVG dark adaptation	3600	22	96-277	48	1260 x 276 x 86	8.5

\* Overall dimensions excluding mounting flange



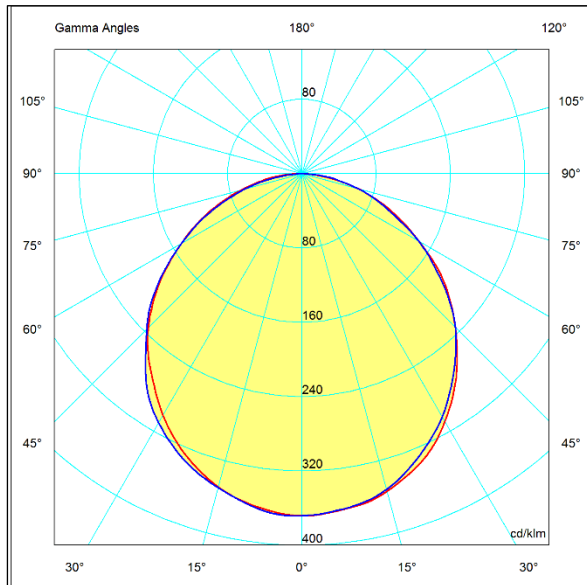
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### Light output distribution



IES/LDT files available on request

### Standards

BS EN/ISO 60092-306 incorporating:

- IEC 60598 for general requirements in construction, testing and marking
- IEC 60529 for IP protection
- IEC 60079 for Hazardous areas
- IEC 60533 and IEC 60945 for EMC
- EN13032 for photometric data
- IEC 60068-2 for Vibration, Shock and Climatic conditions

NVG compatible IAW Def Stan 02-587 Pt3

Consolite is a long established leader in night vision lighting for military platforms, designing and manufacturing lighting systems for NVGs for over 25 years, including lighting for aircraft, ships and ground use.

Consolite's design facility permits the calculation of lighting requirements for spaces from a single compartment to an entire ship.

Consolite's test facility includes the latest equipment required for testing night vision compliance to any relevant standard plus goniophotometric equipment for full 360 degree light characterisation of luminaire output.