Cyanlite™

LED Panel Lights

TROFA

for

Recessed/Lay-In

Installation

Recessed

EXIT

Trofa – Recessed Architectural LED Troffer Light
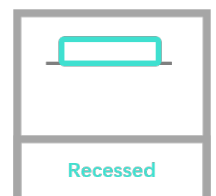
Cyanlite

Cyanlite ™ TROFA LED Troffer Panel Light

- Low Glare, UGR<19
- Elegant Design
- 5 Years Warranty

600x600   625x625   300x1200   600x1200

Recessed

CE   RoHS   5 YEAR WARRANTY

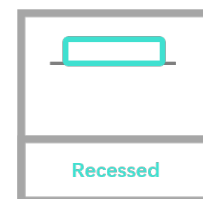## Overview

The Cyanlite™ TROFA series LED Architectural troffer, delivering soft, high-quality light with excellent glare control UGR<19. With its flush-mount white housing, the TROFA troffers blend seamlessly into any ceiling design and softly illuminate the space through highly diffused performance optics. The new architectural look suitable for applications such as corporate offices, up-market retail merchandising spaces and automotive retail applications.

Advantages

- Special double Prismatic Diffuser optics control, UGR<19
- Easy and fast installation, saving installation cost.
- Architectural design with even light distribution.
- Flexible and customization oriented, bespoke sizes are welcome.
- Professional LED lighting manufacturer, ODM for EU top lighting brands.

Features

- Standard sizes (mm): 595x595, 620x620, 295x1195, 595x1195
- RAL9016 as standard coating color, other RAL colors available on request
- System Efficiency upto 100 lm/W
- EN 12464-1& LG7 Compliant, UGR<19 as standard
- Range of color temperatures 3000K, 3500K, 4000K, 5000K & 6000K
- 5 Years Warranty
- Various dimming options, including 0-10V, DALI, Switch Dim etc.
- TPa/TPb options available

Specifications
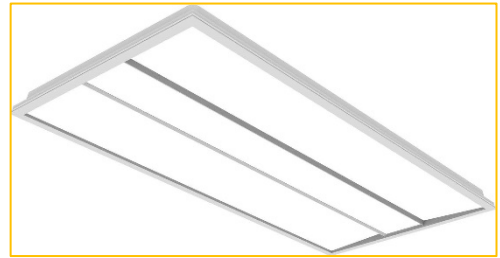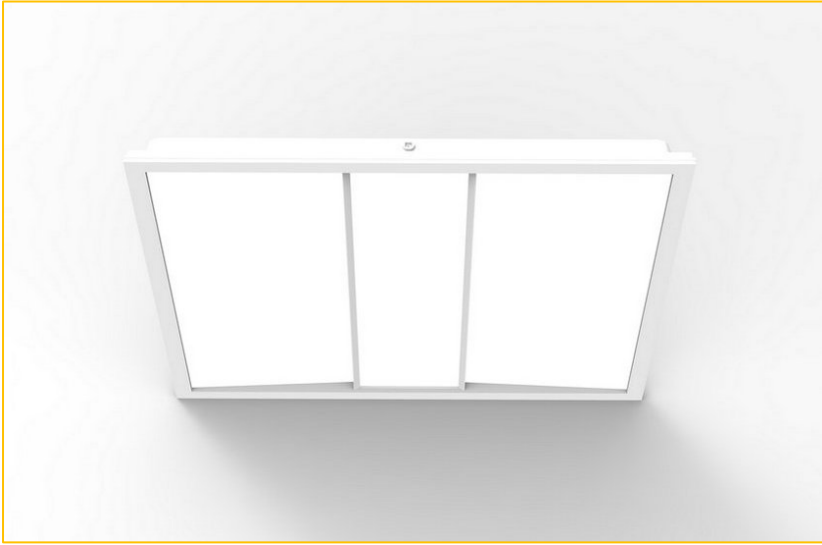
Photometric

Model	Part No.	Power	Luminous Flux	Dimension (mm)
600x600	PB40W060-T1	40W	4000 lm	595x595x43
625x625	PB40W062-T1	40W	4000 lm	620x620x43
300x1200	PB40W312-T1	40W	4000 lm	295x1195x43
600x1200	PB60W612-T1	60W	6000 lm	595x1195x43
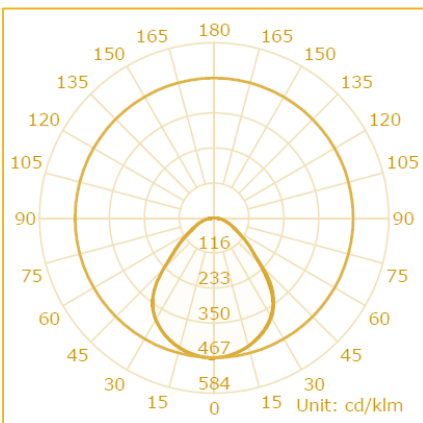
- UGR19 with Special Double Micro Prismatic Diffuser
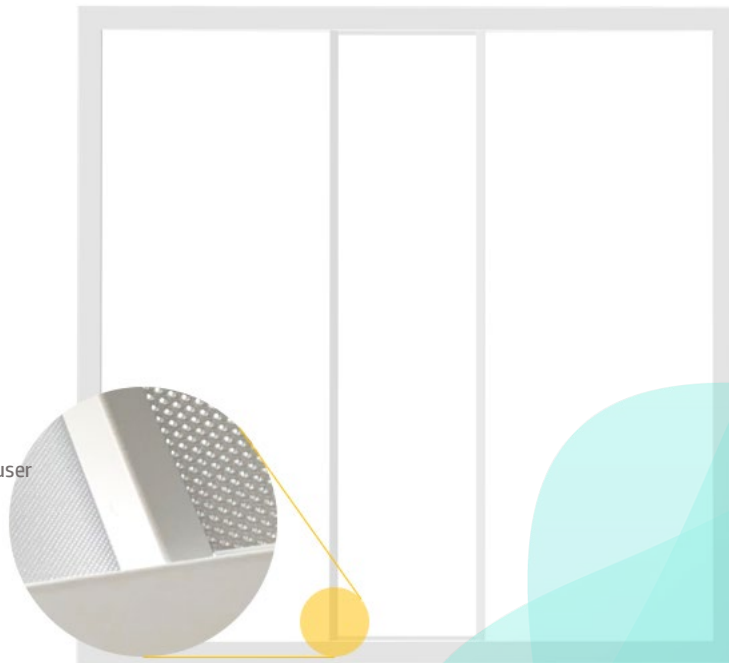
UGR Table

Room dimensions		Viewed crosswise					Viewed endwise				
X=2H	Y=2H	14.3	15.5	14.6	15.8	16.0	14.3	15.6	14.6	15.8	16.0
	3H	15.2	16.3	15.5	16.6	16.9	15.2	16.4	15.6	16.6	16.9
	4H	15.6	16.7	15.9	16.9	17.2	15.7	16.8	16.1	17.1	17.4
	6H	16.0	17.0	16.3	17.3	17.6	16.2	17.2	16.6	17.5	17.8
	8H	16.1	17.1	16.5	17.4	17.7	16.4	17.4	16.8	17.7	18.0
	12H	16.2	17.1	16.6	17.5	17.8	16.6	17.5	17.0	17.8	18.2
X=4H	Y=2H	14.6	15.7	15.0	16.0	16.3	14.7	15.8	15.0	16.0	16.3
	3H	15.8	16.7	16.2	17.0	17.4	15.8	16.7	16.2	17.1	17.4
	4H	16.3	17.2	16.7	17.5	17.9	16.5	17.3	16.9	17.6	18.0
	6H	16.9	17.6	17.3	18.0	18.4	17.1	17.8	17.5	18.2	18.6
	8H	17.1	17.8	17.5	18.2	18.6	17.4	18.1	17.8	18.5	18.9
	12H	17.2	17.8	17.7	18.3	18.7	17.7	18.3	18.1	18.7	19.1
X=8H	Y=4H	16.6	17.3	17.0	17.7	18.1	16.7	17.4	17.2	17.8	18.2
	6H	17.3	17.8	17.8	18.3	18.7	17.5	18.1	18.0	18.5	19.0
	8H	17.6	18.1	18.1	18.6	19.0	17.9	18.4	18.4	18.9	19.3
	12H	17.9	18.3	18.3	18.7	19.2	18.3	18.7	18.8	19.2	19.7
X=12H	Y=4H	16.6	17.2	17.1	17.6	18.1	16.7	17.3	17.2	17.8	18.2
	6H	17.4	17.9	17.9	18.3	18.8	17.6	18.1	18.1	18.5	19.0
	8H	17.8	18.2	18.3	18.6	19.1	18.1	18.5	18.6	18.9	19.4

Dimensions (mm)
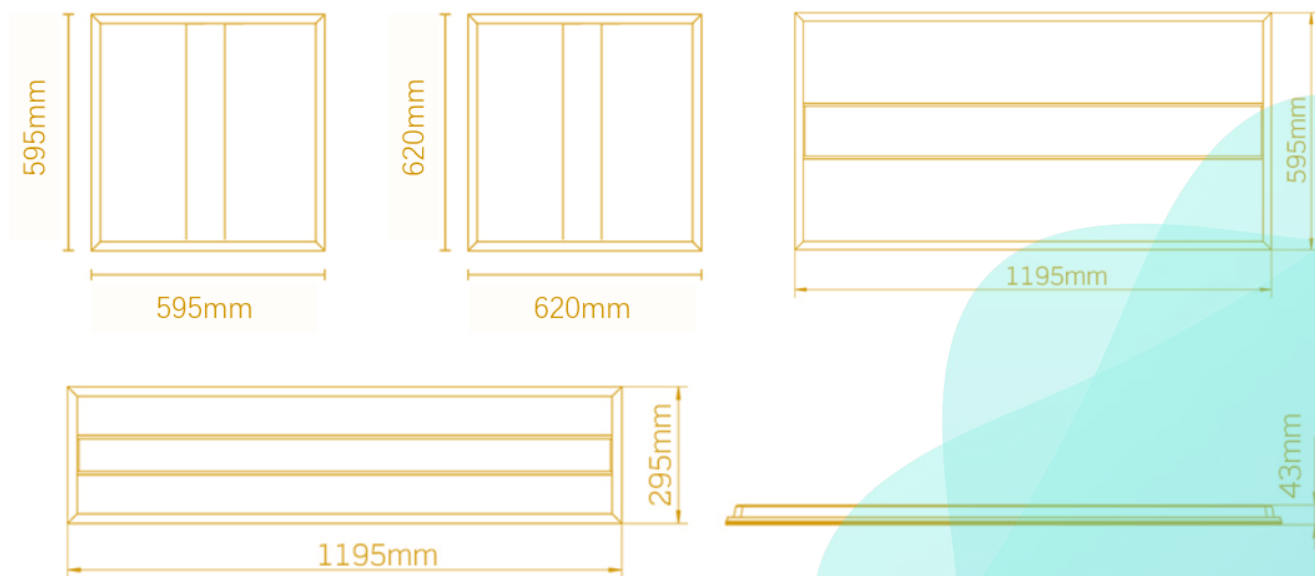
L	W	H
595	595	43
620	620	43
1195	295	43
1195	595	43

Technical Data

Efficacy	100lm/w ≥ 4000K
CRI (Ra)	80
Color Temp.	3000K/3500K/4000K/5000K/6000K
Lighting Method	Backlite
Light Source	SMD2835
SDCM	<3
Beam Angel	90° Micro Prismatic Diffuser
Service Life	L80B20 = 50.000h (@25°C)
IP Rating	IP40
Impact Resistance	IK04
Hot Wire Resistance	650°C
Driver	Flicker Free On/off driver as standard
Dimmable	1-10V, DALI, Push Dim, Bluetooth Optional
Nominal Frequency	50/60Hz
Power Factor	>0.9
Input Voltage	200~240V
Flick Free	Yes
Housing Color	RAL9016 White
Housing Material	Aluminum frame, steel housing
Lens Material	Acrylic (PMMA)
Diffuser Material	Polystyrene (PS)
Storage Temp.	-40˚C~+80˚C
Working Temp.	-20˚C~+45˚C
Mount	Surface Mounted
Package	1pcs per gift box, 3/4 pcs per master box
Warranty	5 years

According to the International Standard of LED luminaire, here Cyanlite formally claims this product is only allowed to be applied to indoor environment. Meanwhile Cyanlite promises full warranty for the products. Any severe environment application including high/low temperature, high humidity, high salinity, high ammonia etc. is not permitted without the official confirmation from the manufacturer. If any misapplication happens, the warranty policy is no longer guaranteed. All values are typical values measured under laboratory conditions at 25 °C. Specifications subject to change without notice.

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Recessed

Surface Mounted

Suspended

Wall Mounted
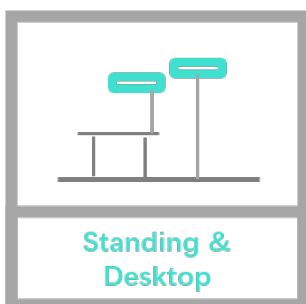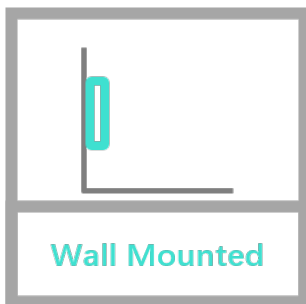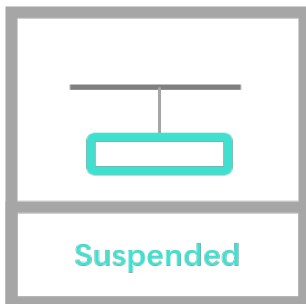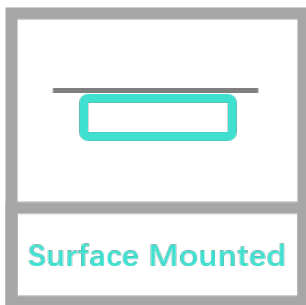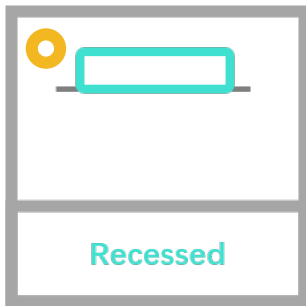
Standing & Desktop

Cyanlite™

LED Luminaires

For

○ Recessed

Surface Mounted

Suspended

Wall Mounted

Standing & Desktop

Installations

www.cyanlite.com