TripleAir**TEARDROP**

Application

Surface mounted, linear LED luminaire (Teardrop) for use in microelectronic, semi-conductor and pharmaceutical cleanrooms (Laminar Flow Units LAF's)

Designed to integrate with aluminium extruded grid ceiling systems from 50mm+

Pharmaceutical laminar air flow units LAF

Designed to minimise disturbance to laminar air flow

For use in clean rooms up to and including ISO 14644-1 Class 1

Features

IP40 rating

Snap fit diffuser for ease of installation

Through wiring option for continuous mounting and connection where end to end fixing is required

Available in 600mm, 900mm, 1200mm and 1500mm lengths

Satin Opal PMMA internal linear prismatic diffuser

Welded fixed endcaps

Demountable gear tray

Housing—0.8mm powder coated steel (RAL9003)

Terminal connection block with strain relief for up to 2.5mm² cables.

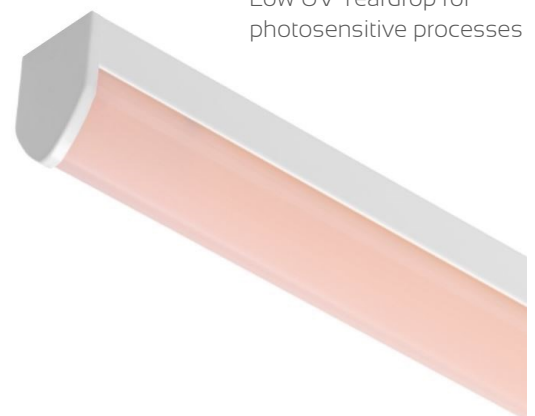3hr self contained emergency options

Yellow LED version available for use in photosensitive process areas.

5yr warranty

Teardrop detail with fixed end caps

Low UV Teardrop for photosensitive processes

Clean Room Filtration and Lighting Technology

TripleAir Technology are suppliers of high quality HEPA and ULPA filtration, ceiling grid systems and luminaires for the clean room industry. We offer fully integrated ceiling solutions for projects and cleanroom facilities.

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TAT012

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Product Range

Standard Product Codes	IP Rating	Length (mm)	Power (W)	CRI Colour	Output (lm)	Optic	Driver
TATD 600 15w LED 840 DO FO	IP40	600	15W	840	1850	DO	FO
TATD 600 20w LED 840 DO FO	IP40	600	20W	840	2400	DO	FO
TATD 900 20w LED 840 DO FO	IP40	900	20W	840	2470	DO	FO
TATD 900 27w LED 840 DO FO	IP40	900	27W	840	3240	DO	FO
TATD 1200 28w LED 840 DO FO	IP40	1200	28W	840	3450	DO	FO
TATD 1200 39w LED 840 DO FO	IP40	1200	39W	840	4680	DO	FO
TATD 1500 34w LED 840 DO FO	IP40	1500	34W	840	4150	DO	FO
TATD 1500 46w LED 840 DO FO	IP40	1500	46W	840	5520	DO	FO

Options

Driver/Circuit Type—**FO** Fixed Output / **DALI** Dali Dimming
CRI/Colour—**840** CRI80 4000K / **940** CRI90 4000K
Through Wiring—**TW** add suffix to end of code

Example - TATD 1200 20W LED 2470 **940** DO **DALI TW**

Emergency Options (Add suffix to end)

EM3—3 hour integral emergency
EM3ST—3 hour integral self testing emergency
EM3DALI—3 hour integral DALI emergency
Example - TATD 1500 34W LED 4150 840 DO FO **EM3ST**

Note—not available on 600mm version

Low UV LED Luminaires

We provide a range of LED luminaires for use in areas where photosensitive manufacturing processes take place. These processes require Ultra Violet and blue spectrum light to be kept to a minimum. We employ the latest LED technology which saves energy and reduces maintenance, and negates the use of UV blocking filters and foils.

Application

Semi-conductor and microelectronics manufacturing (photolithography and photoengraving)

Pharmaceutical manufacturing where photosensitive processes and Active Pharmaceutical Products (APIs) are used

Any process that requires protection from UV and blue spectrum light
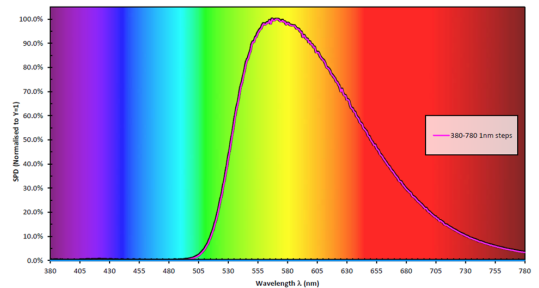
Options

For low UV versions of our Teardrop luminaires change the colour and CRI values to **Yellow**

Example - TATDIP54 1200 30W LED **Yellow** DO FO
(IP54 1200mm 30watt LED luminaire with Low UV Yellow LEDs non-dimming)

* For lumen outputs and ldt files please contact TripleAir

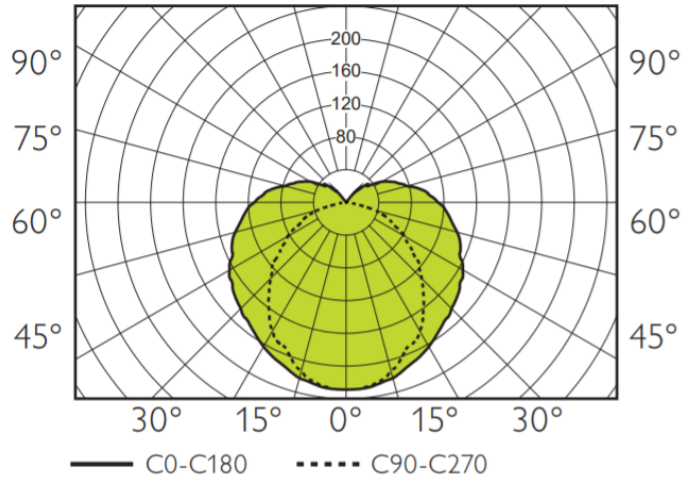### Yellow LED Light Spectrum

TATDIP54 with Yellow LEDs

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Visit our website to view our full range of HEPA and ULPA filters, safe change units, fan filter units, ceiling grid systems and cleanroom luminaires.
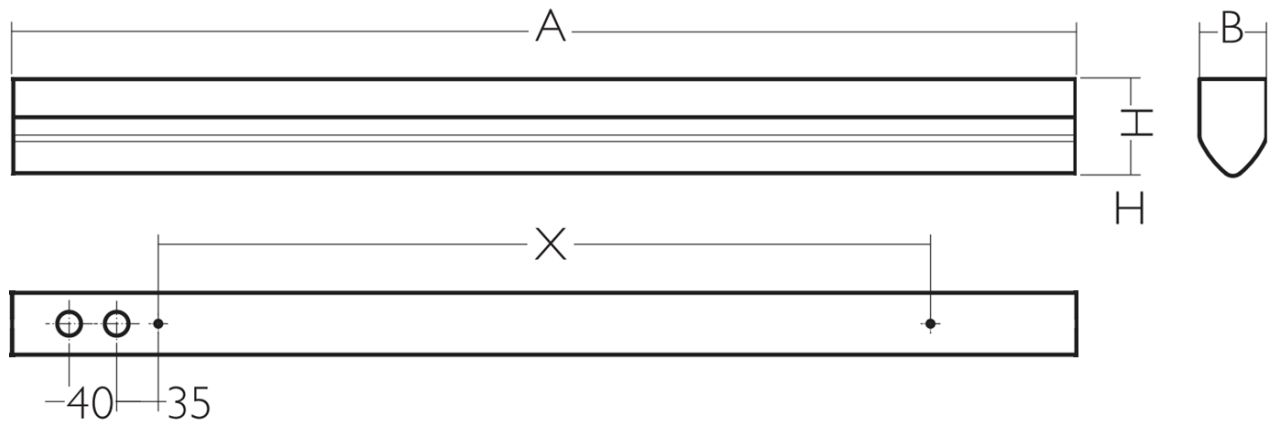
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Weights and Dimensions

Photometric Distribution

— C0-C180   ····· C90-C270

1200mm Teardrop with Satin Opal Diffuser

Product Type	A (mm)	X (mm)	B (mm)	H (mm)	Weight kg
TATD 600	600	350	52	81	1.4
TATD 900	900	650	52	81	2.0
TATD 1200	1200	950	52	81	2.6
TATD 1500	1500	1000	52	81	3.2

IP40 CE

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