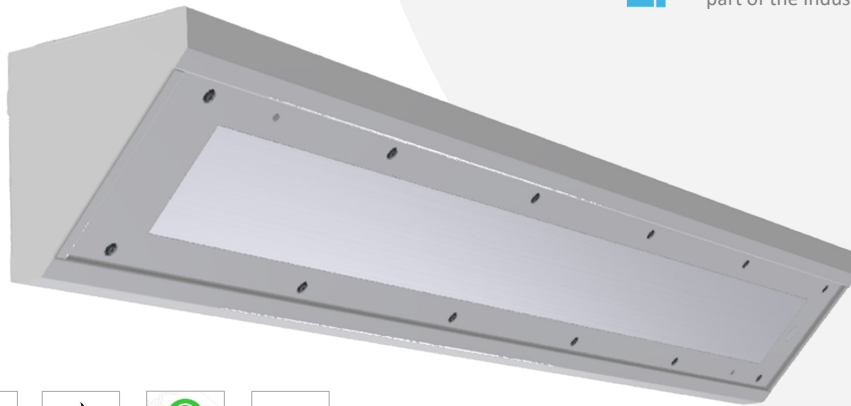


CORNICE

LIGATURE RESISTANT

powered by



Safe & Secure Lighting

ToughLITE
part of the Industrial Control System Group



DESCRIPTION

Ideally suited for high-risk areas like cell environments where the detained person is left on their own. Designed to be ligature resisting, very robust and secure. Supplied in a standalone or a full cornice version giving a wall to wall solution. Available with a fully adjustable 3 stage lighting offering night, day and high brightness meeting the latest Home Office 2019 Design Guide. Provides the highest quality of uniformly distributed light using the latest advancements in LED technology.

The full cornice system can be supplied with Infill sections, CCTV camera housing, mobile affray monitoring system, ventilation, VESDA sampling, clock, speaker, microphone (overt and covert) plus other bespoke requests.

KEY FEATURES

- Ligature resisting
- Suitable for cell and high-risk areas
- Comes as a standalone luminaire or full system
- 3 stage lighting (night/day/high brightness)
- Energy saving light sensor

SPECIFICATION

- High impact IK10++ / Ingress protection IP65
- Polycarbonate TP(a) fire-retardant diffuser
- Body manufactured from 1.2mm steel
- Faceplate manufactured from 4mm steel
- RAL9010 polyester powder coat textured finish
- 3000k or 4000k LED's
- Manufactured in the UK
- Full 5 year warranty

ADDITIONAL FULL SYSTEM OPTIONS

- CCTV housing
- Infill sections
- VESDA sensor
- Ventilation
- Speaker and microphone
- Clock
- Mobile affray

STANDALONE SINGLE LUMINAIRE

can be provided in a lower wattage than stated if required

Length	Wattage	Colour	Weight	Part No
700mm	36w	3K	6.3kg	TLC23k36w
700mm	36w	4K	6.3kg	TLC24k36w
1300mm	75w	3K	12.5kg	TLC43k75w
1300mm	75w	4K	12.5kg	TLC44k75w

NOTE - Emergency Auto-test is not recommended to be used in a cell

ADDITIONS (add suffix) For example - TLC44k75w + LS + EM

DALI (DALI Dimmable) **OR LS** (3 stage lighting sensor) **OR N** (Night light)

EM (Emergency) **OR EMD** (Em DALI) **OR EMA** (Em Auto-test)

FULL SYSTEM LUMINAIRE

Infill Section	TLCINFILL XXX (XXX size mm)
CCTV Housing	TLCCCTV-F (Fixed length 165mm)
VESDA	TLCV XXX (XXX size mm)
Ventilation	TLCVENT (Fixed length 500mm)

SPECIAL ORDER

Speaker / Microphone
Inbuilt Clock
Mobile Affray
Bespoke requests



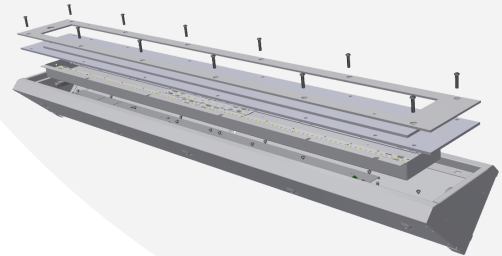
CORNICE

LIGATURE RESISTANT

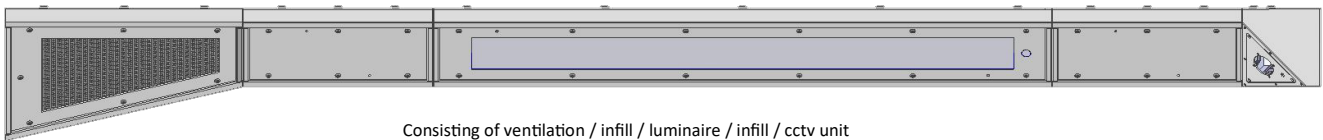
AUTISM FRIENDLY LIGHTING

Full colour RGB lighting available

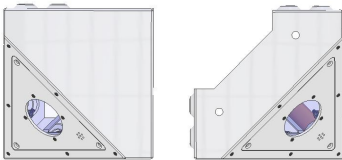
Fluorescent or harsh lighting can hurt the eyes of an autistic person. Many say that they can see these types of lights flickering or hear them hum, this can be distracting. Due to these difficulties, it is best to use soft lighting where possible which is why ToughLITE Cornice and Surface fittings can be populated with adjustable RGB lighting.



FULL CORNICE EXAMPLE



CCTV UNIT

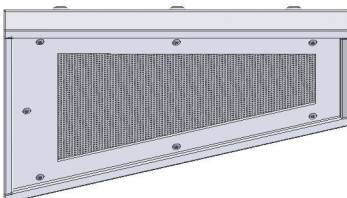


Available as standalone or in a full cornice system

Standalone CCTV Housing **TLCCTVS**
 Full cornice CCTV Housing **TLCCTVF**

ADDITIONS (add suffix) For example
 TLCCTV-S + MF
MF - Mobile Affray mount

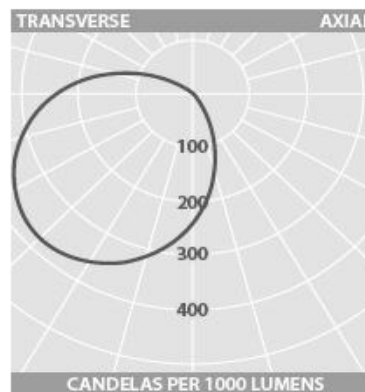
VENTILATION



Can be provided with either side or top/rear entry. Supplied with separate air duct tray for easy cleaning. Grille has 2mm holes at 4mm pitch giving 19.6% free air movement which is suitable for use with 100mm diameter air duct system.

LUMINAIRE INFORMATION

The LEDs we use have an exceptionally constant light colour so they guarantee a uniform and crystal clear colour appearance. In addition to high efficiency and a balanced distribution of light they offer high robustness resulting in long life that will save you maintenance and repair costs. Compared with conventional light sources, our LEDs make a significant contribution to energy efficiency.



CRI	80+
Colour	3000k / 4000k
Life	100,000 hours
Driver Efficiency	+85%
LM/CW	82.6

Luminaire Lumen Output

36W - 3387lm
 75W - 6675lm

DIMENSIONS

