

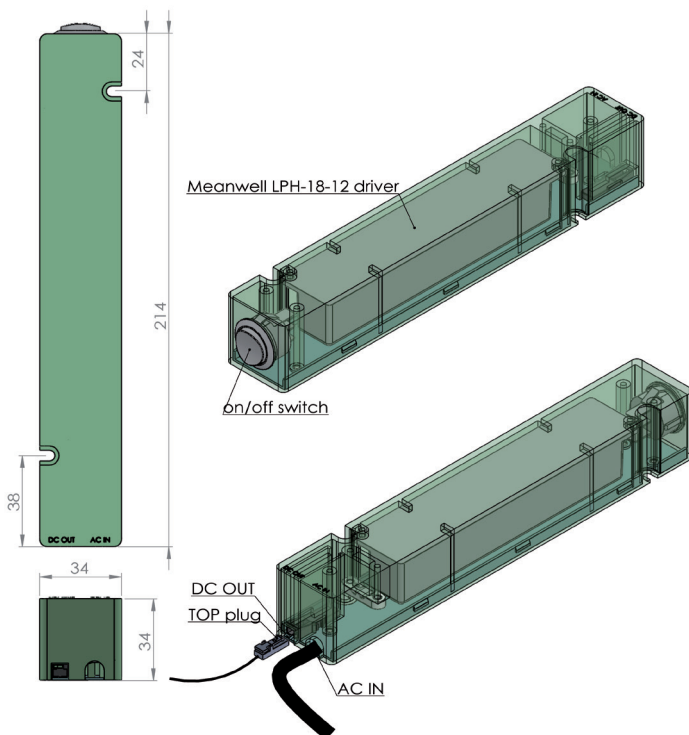
# LED Check-in-Desk Light

Product code: EFX-TDL670

Check-in-Desk spec LSOH



## LED Driver Housing/ Quick Fit Connectors



<b>Mfr / Ref</b>	Eco-FX Lighting/Check-In Desk LED task light
<b>Contact</b>	Name: Jonathan Gibb / Anthony Watson Office: +44(0) 114 321 9610 Email: enquiries@eco-fx.co.uk
<b>Lamp</b>	Description: LED Lamp Colour: 4000K No. lamps: 1
<b>Luminaire description</b>	Anodized and painted aluminium fitting with 4000K LEDs. Mounted on desk mounted pole, with remote gear and lightly frosted diffuser.
<b>Additional requirements</b>	A suitable pole with threaded M12 hole suitable for taking the weight of the unit (Eco-FX arm without ballast/gear = 1kg).
<b>Appearance</b>	Black (RAL9011 / 40% Gloss)
<b>Notes</b>	Weight 1kg without gear and pole
<b>Location</b>	Desks

### Technical Data

Product Code	EFX-TDL670 Check-in-Desk spec LSOH
Size	Ø38 x L 670mm x H 70.2mm
Beam Angle	120°
Input Voltage	110-256Vac
Frequency	50/60 Hz
Transformer Output	18W
Running Current	300mA
Power Factor	0.78
Chip Set	SMD
Efficiency (LOR)	80%
Colour Temperature	Cool White 4000K
Running Watts	12W
Lumen	Cool White 520lm
Efficacy	Cool White 65 lm/w
CRI	Cool White >75
Lux Level @ 1M	140 Lux
Internal Temperature	50°
External Temperature (Front)	25°
External Temperature (Back)	27°
Operating Temperature	-40 / +50°
IP Rating	20°
Cable	LSOH (Low Smoke Zero Halogen)

# Wire Specification

SPEC NO.	0.75mm <sup>2</sup> *3C		DATE	2013-1-10
Cross drawing:				
Solid drawing:				
CONSTRUCTION ITEM				
CONDUCTOR	CONSTRUCTION	AWG/mm <sup>2</sup>	34/0.18TS*3C	
	MATERIAL	.....	bare copper wire	
	Diam of strands	mm	0.18±0.008	
	cross section area	mm <sup>2</sup>	0.865	
	OD	mm	1.21	
INSULATION	MATERIAL	.....	PE (SHAEC1111649603, SHAEC1111649604, SHAEC1111649610)	
	MIN THICK OF INSU	mm	0.42	
	AVG THICK OF INSU	mm	0.44	
	COLOR	.....	brown, blue, yellow green	
	OVER DIAM	mm	2.1±0.1	
	Rate Voltage	V	600V	
	Temperature	°c	105°C±10°C	
JACK	AVG THICK OF INSU	mm	0.94	
	COLOR	.....	black	
	MATERIAL	.....	PE (SHAEC1111649610)	
	OVER DIAM	mm	6.5±0.15	
MARKING	MARKING	.....	E249743 UL AWM 2733 VW-1 105°C 600V 18AWG CHENGXING CUL 1A 18AWG 105°C 600V FTI	

# Wire Specification

SPEC NO.	UL2468-24AWG-2C		DATE	2013-1-10
Cross drawing:				
<p>Tinned copper</p> <p>PE insulation (SHAEC1111649610)</p>				
Solid drawing:				
<p>Tinned copper</p> <p>PE insulation (SHAEC1111649610)</p>				
CONSTRUCTION ITEM				
CONDUCTOR	CONSTRUCTION	AWG/mm <sup>2</sup>	11/0.16TS*2C	
	MATERIAL	.....	Tinned copper wire	
	Diam of strands	mm	0.16±0.008	
	Cross section area	mm <sup>2</sup>	0.22	
	OD	mm	0.61	
INSULATION	MATERIAL	.....	PE (SHAEC1111649610)	
	MIN THICK OF INSU	≥mm	0.37	
	AVG THICK OF INSU	mm	0.39	
	COLOR	.....	white print grey section	
	OVER DIAM	mm	1.4*2.8±0.1	
	Rate Voltage	V	300V	
	Temperature	°c	80°C±10°C	
JACK	AVG THICK OF INSU	mm	/	
	COLOR	.....	/	
	MATERIAL	.....	/	
	OVER DIAM	mm	/	
MARKING	MARKING	.....	E249743 UL AWM 2468 VW-1 80°C 300V 24AWG CHENGXING CUL 1A 24AWG 80°C 300V FTI	