



The most cost-effective designed LED troffer to replace conventional luminaire

SmartBright Troffer

SmartBright 2.0 troffer is the most affordable LED troffer delivering comfortable light with high quality. It offers two lumen options with three dimension types, 600x600, 300x1200 and 600x1200mm

Benefits

- 50% more energy efficient compared to conventional TL solution
- Delivery high quality light with cost effective luminaire design
- Multiple mounting to cater various applications

Features

- System efficiency >80lm/W
- CRI >80, SDCM 4
- 25,000 hrs (L70@25deg)

Application

- Open plan office
- Public indoor area
- Meeting/Training room

Versions



RC098V LED22 W60L60 PCV

RC098V LED44 W60L120

RC098V LED22 W30L120 CPC

Approval and Application

Ingress protection code IP20

Controls and Dimming

Dimmable No

Approval and Application

Order Code	Full Product Name	Mech. impact protection code
911401515921	RC098V LED22S/840 W60L60 CPC	-
911401540821	RC098V LED22S/865 W60L60 GM	IK02
911401540921	RC098V LED22S/840 W60L60 GM	IK02
911401541121	RC098V LED22S/840 W60L60 PCV GM	IK02

Order Code	Full Product Name	Mech. impact protection code
911401540221	RC098V LED44S/865 W60L120 GM	IK02
911401540321	RC098V LED44S/840 W60L120 GM	IK02
911401540421	RC098V LED22S/865 W30L120 GM	IK02
911401540521	RC098V LED22S/840 W30L120 GM	IK02

Operating and Electrical

Order Code	Full Product Name	Input Voltage
911401515921	RC098V LED22S/840 W60L60 CPC	220 to 240 V
911401540821	RC098V LED22S/865 W60L60 GM	220-240 V
911401540921	RC098V LED22S/840 W60L60 GM	220-240 V
911401541121	RC098V LED22S/840 W60L60 PCV GM	220-240 V

Order Code	Full Product Name	Input Voltage
911401540221	RC098V LED44S/865 W60L120 GM	220-240 V
911401540321	RC098V LED44S/840 W60L120 GM	220-240 V
911401540421	RC098V LED22S/865 W30L120 GM	220-240 V
911401540521	RC098V LED22S/840 W30L120 GM	220-240 V

General Information (1/2)

Order Code	Full Product Name	CE mark	Protection class IEC	Optical cover/lens type	Driver included	ENEC mark	Glow-wire test	Light source replaceable
911401515921	RC098V LED22S/840 W60L60 CPC	-	-	-	-	-	-	-
911401540821	RC098V LED22S/865 W60L60 GM	-	Safety class I	Variable linear-lens array in polycarbonate cover	Yes	-	Temperature 650 °C, duration 30 s	No
911401540921	RC098V LED22S/840 W60L60 GM	-	Safety class I	Variable linear-lens array in polycarbonate cover	Yes	-	Temperature 650 °C, duration 30 s	No
911401541121	RC098V LED22S/840 W60L60 PCV GM	-	Safety class I	Variable linear-lens array in polycarbonate cover	Yes	-	Temperature 650 °C, duration 30 s	No
911401540221	RC098V LED44S/865 W60L120 GM	-	Safety class I	Variable linear-lens array in polycarbonate cover	Yes	-	Temperature 650 °C, duration 30 s	No

Order Code	Full Product Name	CE mark	Protection class IEC	Optical cover/lens type	Driver included	ENEC mark	Glow-wire test	Light source replaceable
911401540321	RC098V LED44S/840 W60L120 GM	-	Safety class I	Variable linear-lens array in polycarbonate cover	Yes	-	Temperature 650 °C, duration 30 s	No
911401540421	RC098V LED22S/865 W30L120 GM	-	Safety class I	Variable linear-lens array in polycarbonate cover	Yes	-	Temperature 650 °C, duration 30 s	No
911401540521	RC098V LED22S/840 W30L120 GM	-	Safety class I	Variable linear-lens array in polycarbonate cover	Yes	-	Temperature 650 °C, duration 30 s	No

General Information (2/2)

Order Code	Full Product Name	Number of gear units	Number of light sources	Optic type	UL mark
911401515921	RC098V LED22S/840 W60L60 CPC	-	-	-	-
911401540821	RC098V LED22S/865 W60L60 GM	1 unit	3 pcs	Beam angle 60 to 120°	-
911401540921	RC098V LED22S/840 W60L60 GM	1 unit	3 pcs	Beam angle 60 to 120°	-
911401541121	RC098V LED22S/840 W60L60 PCV GM	1 unit	3 pcs	Beam angle 60 to 120°	-

Order Code	Full Product Name	Number of gear units	Number of light sources	Optic type	UL mark
911401540221	RC098V LED44S/865 W60L120 GM	2 units	3 pcs	Beam angle 60 to 120°	-
911401540321	RC098V LED44S/840 W60L120 GM	2 units	3 pcs	Beam angle 60 to 120°	-
911401540421	RC098V LED22S/865 W30L120 GM	1 unit	3 pcs	Beam angle 60 to 120°	-
911401540521	RC098V LED22S/840 W30L120 GM	1 unit	3 pcs	Beam angle 60 to 120°	-

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Init. Corr. Color Temperature	Init. Color Rendering Index	Initial LED luminaire efficacy	Initial luminous flux	Luminous flux tolerance	Initial input power
911401515921	RC098V LED22S/840 W60L60 CPC	4000 K	>80	94 lm/W	2450 lm	-	26 W
911401540821	RC098V LED22S/865 W60L60 GM	6500 K	80	-	-	+/-10%	26.5 W
911401540921	RC098V LED22S/840 W60L60 GM	4000 K	80	-	-	+/-10%	26.5 W
911401541121	RC098V LED22S/840 W60L60 PCV GM	4000 K	80	-	-	+/-10%	26.5 W
911401540221	RC098V LED44S/865 W60L120 GM	6500 K	80	-	-	+/-10%	51.5 W
911401540321	RC098V LED44S/840 W60L120 GM	4000 K	80	-	-	+/-10%	51.5 W
911401540421	RC098V LED22S/865 W30L120 GM	6500 K	80	-	-	+/-10%	26.5 W
911401540521	RC098V LED22S/840 W30L120 GM	4000 K	80	-	-	+/-10%	26.5 W

Mechanical and Housing

Order Code	Full Product Name	Color
911401515921	RC098V LED22S/840 W60L60 CPC	-
911401540821	RC098V LED22S/865 W60L60 GM	White
911401540921	RC098V LED22S/840 W60L60 GM	White
911401541121	RC098V LED22S/840 W60L60 PCV GM	White

Order Code	Full Product Name	Color
911401540221	RC098V LED44S/865 W60L120 GM	White
911401540321	RC098V LED44S/840 W60L120 GM	White
911401540421	RC098V LED22S/865 W30L120 GM	White
911401540521	RC098V LED22S/840 W30L120 GM	White

Application Conditions

Order Code	Full Product Name	Ambient temperature range
911401515921	RC098V LED22S/840 W60L60 CPC	-
911401540821	RC098V LED22S/865 W60L60 GM	-20 to +40 °C

Order Code	Full Product Name	Ambient temperature range
911401540921	RC098V LED22S/840 W60L60 GM	-20 to +40 °C
911401541121	RC098V LED22S/840 W60L60 PCV GM	-20 to +40 °C

Order Code	Full Product Name	Ambient temperature range
911401540221	RC098V LED44S/865 W60L120 GM	-20 to +40 °C
911401540321	RC098V LED44S/840 W60L120 GM	-20 to +40 °C

Order Code	Full Product Name	Ambient temperature range
911401540421	RC098V LED22S/865 W30L120 GM	-20 to +40 °C
911401540521	RC098V LED22S/840 W30L120 GM	-20 to +40 °C

