



Energy saving without compromise

GreenPerformance Troffer

GreenPerform Troffer improves the compact design of the last generation with performance improvement and more variants for different markets. Integrates with all available systems: POE, InterAct office wireless, InterAct Office Pro, ActiLume controller, GreenPerform Troffer offers additional energy saving and connected features.

Benefits

- Upgrade to a smart office with more options
- Energy saving
- Slim housing
- Comfortable light
- Good light quality
- Office-compliant
- Reliable performance

Features

- Compatible with all available Philips systems
- Efficacy up to 125 lm/W
- Slim design with height less than 46 mm
- Improved optical design without the zebra effect
- CRI > 80, SDCM < 4, Flicker-free
- UGR 19 available
- Lifetime L70 50,000 hours

Application

- Open Office Public Area Meeting Room Training Room

GreenPerformance Troffer

Versions



RC100 SM100 W60L60

RC100 SM100 W30L120

RC100 SM100 W60L120

Application Conditions

Ambient temperature range	-20 to +40 °C
Suitable for random switching	No

Approval and Application

Mech. impact protection code	IK03
Ingress protection code	IP20

General Information

CE mark	CE mark
Protection class IEC	Safety class I (I)
Optical cover/lens type	VAR-PC
Driver included	Yes
Flammability mark	F
Glow-wire test	60030
Light source replaceable	No
Number of gear units	1 unit

Initial Performance (IEC Compliant)

Initial chromaticity	SDCM<4
Init. Colour rendering index	80
Luminous flux tolerance	+/-10%

Mechanical and Housing

Colour	White
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Controls and Dimming

Order Code	Full Product Name	Dimmable
01508351	RC100B LED27S 840 W60L60 PSU OC G3	No
01508451	RC100B LED27S 840 W60L60 PSU G3	No
01508651	RC100B LED27S 865 W60L60 PSU G3	No
01508851	RC100X LED37S 840 W60L60 POE SL G3	Yes
01509051	RC100B LED37S 865 W603L603 PSU UNV G3	No
01509251	RC100B LED37S 840 W603L603 PSD G3	Yes
01509351	RC100B LED37S 865 W603L603 PSD G3	Yes
01509551	RC100B LED37S 840 W603L603 PSU UNV G3	No
01509651	SM100C LED37S 840 W60L60 PSD G3	Yes
01509751	SM100C LED37S 865 W603L603 PSU UNV G3	No
01509851	SM100C LED27S 865 W60L60 PSU G3	No
01509951	SM100C LED27S 840 W60L60 PSU G3	No
01510051	SM100C LED37S 840 W603L603 PSU UNV G3	No
01510151	SM100C LED37S 840 W60L60 PSU G3	No
01510251	SM100C LED37S 840 W603L603 PSD G3	Yes
01510351	SM100C LED37S 865 W60L60 PSU G3	No
01510451	SM100C LED37S 865 W603L603 PSD G3	Yes
01510551	RC100B LED37S 865 W60L60 PSD G3	Yes
01510651	RC100X LED37S 865 W60L60 IAO G3	Yes
01510751	RC100B LED37S 840 W60L60 PSU G3	No
01510851	RC100B LED37S 840 W60L60 PSD OC G3	Yes
01510951	RC100B LED37S 865 W60L60 PSU G3	No
01511151	RC100B LED37S 840 W60L60 PSD G3	Yes
01511251	RC100X LED37S 840 W60L60 IAO G3	Yes
01511451	RC100B LED37S 840 W60L60 PSU UNV G3	No
01511551	RC100X LED37S 840 W60L60 POE MA G3	Yes
01511651	RC100X LED37S 865 W60L60 POE SL G3	Yes
01511751	RC100B LED37S 865 W60L60 PSU UNV G3	No
01511851	SM100C LED37S 840 W60L60 PSU UNV G3	No
01511951	SM100C LED37S 865 W60L60 PSU UNV G3	No
01568841	RC100X LED37S 840 W60L60 IAR G3	Yes
01512951	RC100X LED37S 840 W30L120 IAO G3	Yes
01513051	RC100B LED37S 840 W30L120 PSD OC G3	Yes
01513151	RC100X LED37S 840 W30L120 POE SL G3	Yes
01513251	RC100B LED37S 840 W30L120 PSD G3	Yes

Order Code	Full Product Name	Dimmable
01513351	RC100B LED375 840 W30L120 PSU G3	No
01513451	RC100X LED375 840 W30L120 POE MA G3	Yes
01513751	RC100B LED375 865 W30L120 PSU UNV G3	No
01513851	RC100B LED375 840 W30L120 PSU UNV G3	No
01513951	RC100B LED375 840 W30L120 PSU UNV G3	No
01519451	SM100C LED375 840 W30L120 PSU G3	No
01519551	SM100C LED375 840 W30L120 PSD G3	Yes
01519851	SM100C LED375 840 W30L120 PSU UNV G3	No
01519951	SM100C LED375 865 W30L120 PSU UNV G3	No
01568941	RC100X LED375 840 W30L120 IAR G3	Yes
01514351	RC100B LED54S 840 W60L120 PSU G3	No
01519651	SM100C LED54S 840 W60L120 PSU G3	No
01519751	SM100C LED54S 840 W60L120 PSD G3	Yes

Operating and Electrical

Order Code	Full Product Name	Input Voltage
01508351	RC100B LED27S 840 W60L60 PSU OC G3	220 to 240 V
01508451	RC100B LED27S 840 W60L60 PSU G3	220 to 240 V
01508651	RC100B LED27S 865 W60L60 PSU G3	220 to 240 V
01508851	RC100X LED37S 840 W60L60 POE SL G3	220 to 240 V
01509051	RC100B LED37S 865 W60L60 PSU UNV G3	110 to 277 V
01509251	RC100B LED37S 840 W60L60 PSD G3	220 to 240 V
01509351	RC100B LED37S 865 W60L60 PSD G3	220 to 240 V
01509551	RC100B LED37S 840 W60L60 PSU UNV G3	110 to 277 V
01509651	SM100C LED37S 840 W60L60 PSD G3	220 to 240 V
01509751	SM100C LED37S 865 W60L60 PSU UNV G3	110 to 277 V
01509851	SM100C LED27S 865 W60L60 PSU G3	220 to 240 V
01509951	SM100C LED27S 840 W60L60 PSU G3	220 to 240 V
01510051	SM100C LED37S 840 W60L60 PSU UNV G3	110 to 277 V
01510151	SM100C LED37S 840 W60L60 PSU G3	220 to 240 V
01510251	SM100C LED37S 840 W60L60 PSD G3	220 to 240 V
01510351	SM100C LED37S 865 W60L60 PSU G3	220 to 240 V
01510451	SM100C LED37S 865 W60L60 PSD G3	220 to 240 V
01510551	RC100B LED37S 865 W60L60 PSD G3	220 to 240 V
01510651	RC100X LED37S 865 W60L60 IAO G3	220 to 240 V
01510751	RC100B LED37S 840 W60L60 PSU G3	220 to 240 V
01510851	RC100B LED37S 840 W60L60 PSD OC G3	220 to 240 V
01510951	RC100B LED37S 865 W60L60 PSU G3	220 to 240 V
01511151	RC100B LED37S 840 W60L60 PSD G3	220 to 240 V
01511251	RC100X LED37S 840 W60L60 IAO G3	220 to 240 V

Order Code	Full Product Name	Input Voltage
01511451	RC100B LED37S 840 W60L60 PSU UNV G3	110 to 277 V
01511551	RC100X LED37S 840 W60L60 POE MA G3	220 to 240 V
01511651	RC100X LED37S 865 W60L60 POE SL G3	220 to 240 V
01511751	RC100B LED37S 865 W60L60 PSU UNV G3	110 to 277 V
01511851	SM100C LED37S 840 W60L60 PSU UNV G3	110 to 277 V
01511951	SM100C LED37S 865 W60L60 PSU UNV G3	110 to 277 V
01568841	RC100X LED37S 840 W60L60 IAR G3	220 to 240 V
01512951	RC100X LED37S 840 W30L120 IAO G3	220 to 240 V
01513051	RC100B LED37S 840 W30L120 PSD OC G3	220 to 240 V
01513151	RC100X LED37S 840 W30L120 POE SL G3	220 to 240 V
01513251	RC100B LED37S 840 W30L120 PSD G3	220 to 240 V
01513351	RC100B LED37S 840 W30L120 PSU G3	220 to 240 V
01513451	RC100X LED37S 840 W30L120 POE MA G3	220 to 240 V
01513751	RC100B LED37S 865 W30L120 PSU UNV G3	110 to 277 V
01513851	RC100B LED37S 840 W30L120 PSU UNV G3	110 to 277 V
01513951	RC100B LED37S 840 W30L120 PSU UNV G3	110 to 277 V
01519451	SM100C LED37S 840 W30L120 PSU G3	220 to 240 V
01519551	SM100C LED37S 840 W30L120 PSD G3	220 to 240 V
01519851	SM100C LED37S 840 W30L120 PSU UNV G3	110 to 277 V
01519951	SM100C LED37S 865 W30L120 PSU UNV G3	110 to 277 V
01568941	RC100X LED37S 840 W30L120 IAR G3	220 to 240 V
01514351	RC100B LED54S 840 W60L120 PSU G3	220 to 240 V
01519651	SM100C LED54S 840 W60L120 PSU G3	220 to 240 V
01519751	SM100C LED54S 840 W60L120 PSD G3	220 to 240 V

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Init. Corr. Colour Temperature	Initial LED luminaire efficacy	Initial luminous flux	Initial input power
01508351	RC100B LED27S 840 W60L60 PSU OC G3	4000 K	125 lm/W	2880 lm	23 W

Order Code	Full Product Name	Init. Corr. Colour Temperature	Initial LED luminaire efficacy	Initial luminous flux	Initial input power
01508451	RC100B LED27S 840 W60L60 PSU G3	4000 K	117 lm/W	2700 lm	23 W

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Order Code	Full Product Name	Init. Corr. Colour Temperature	Initial LED luminaire efficacy	Initial luminous flux	Initial input power
01508651	RC100B LED27S 865 W60L60 PSU G3	6500 K	117 lm/W	2700 lm	23 W
01508851	RC100X LED37S 840 W60L60 POE SL G3	4000 K	116 lm/W	3700 lm	32 W
01509051	RC100B LED37S 865 W603L603 PSU UNV G3	6500 K	116 lm/W	3700 lm	32 W
01509251	RC100B LED37S 840 W603L603 PSD G3	4000 K	116 lm/W	3700 lm	32 W
01509351	RC100B LED37S 865 W603L603 PSD G3	6500 K	116 lm/W	3700 lm	32 W
01509551	RC100B LED37S 840 W603L603 PSU UNV G3	4000 K	116 lm/W	3700 lm	32 W
01509651	SM100C LED37S 840 W60L60 PSD G3	4000 K	116 lm/W	3700 lm	32 W
01509751	SM100C LED37S 865 W603L603 PSU UNV G3	6500 K	116 lm/W	3700 lm	32 W
01509851	SM100C LED27S 865 W60L60 PSU G3	6500 K	117 lm/W	2700 lm	23 W
01509951	SM100C LED27S 840 W60L60 PSU G3	4000 K	117 lm/W	2700 lm	23 W
01510051	SM100C LED37S 840 W603L603 PSU UNV G3	4000 K	116 lm/W	3700 lm	32 W
01510151	SM100C LED37S 840 W60L60 PSU G3	4000 K	116 lm/W	3700 lm	32 W
01510251	SM100C LED37S 840 W603L603 PSD G3	4000 K	116 lm/W	3700 lm	32 W
01510351	SM100C LED37S 865 W60L60 PSU G3	6500 K	116 lm/W	3700 lm	32 W
01510451	SM100C LED37S 865 W603L603 PSD G3	6500 K	116 lm/W	3700 lm	32 W
01510551	RC100B LED37S 865 W60L60 PSD G3	6500 K	116 lm/W	3700 lm	32 W

Order Code	Full Product Name	Init. Corr. Colour Temperature	Initial LED luminaire efficacy	Initial luminous flux	Initial input power
01510651	RC100X LED37S 865 W60L60 IAO G3	6500 K	116 lm/W	3700 lm	32 W
01510751	RC100B LED37S 840 W60L60 PSU G3	4000 K	116 lm/W	3700 lm	32 W
01510851	RC100B LED37S 840 W60L60 PSD OC G3	4000 K	121 lm/W	3880 lm	32 W
01510951	RC100B LED37S 865 W60L60 PSU G3	6500 K	116 lm/W	3700 lm	32 W
01511151	RC100B LED37S 840 W60L60 PSD G3	4000 K	116 lm/W	3700 lm	32 W
01511251	RC100X LED37S 840 W60L60 IAO G3	4000 K	116 lm/W	3700 lm	32 W
01511451	RC100B LED37S 840 W60L60 PSU UNV G3	4000 K	116 lm/W	3700 lm	32 W
01511551	RC100X LED37S 840 W60L60 POE MA G3	4000 K	116 lm/W	3700 lm	32 W
01511651	RC100X LED37S 865 W60L60 POE SL G3	6500 K	116 lm/W	3700 lm	32 W
01511751	RC100B LED37S 865 W60L60 PSU UNV G3	6500 K	116 lm/W	3700 lm	32 W
01511851	SM100C LED37S 840 W60L60 PSU UNV G3	4000 K	116 lm/W	3700 lm	32 W
01511951	SM100C LED37S 865 W60L60 PSU UNV G3	6500 K	116 lm/W	3700 lm	32 W
01568841	RC100X LED37S 840 W60L60 IAR G3	4000 K	119 lm/W	3700 lm	31 W
01512951	RC100X LED37S 840 W30L120 IAO G3	4000 K	116 lm/W	3700 lm	32 W
01513051	RC100B LED37S 840 W30L120 PSD OC G3	4000 K	121 lm/W	3880 lm	32 W
01513151	RC100X LED37S 840 W30L120 POE SL G3	4000 K	116 lm/W	3700 lm	32 W

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Order Code	Full Product Name	Init. Corr. Colour Temperature	Initial LED luminaire efficacy	Initial luminous flux	Initial input power
01513251	RC100B LED37S 840 W30L120 PSD G3	4000 K	116 lm/W	3700 lm	32 W
01513351	RC100B LED37S 840 W30L120 PSU G3	4000 K	116 lm/W	3700 lm	32 W
01513451	RC100X LED37S 840 W30L120 POE MA G3	4000 K	116 lm/W	3700 lm	32 W
01513751	RC100B LED37S 865 W30L120 PSU UNV G3	6500 K	116 lm/W	3700 lm	32 W
01513851	RC100B LED37S 840 W303L1210 PSU UNV G3	4000 K	116 lm/W	3700 lm	32 W
01513951	RC100B LED37S 840 W30L120 PSU UNV G3	4000 K	116 lm/W	3700 lm	32 W
01519451	SM100C LED37S 840 W30L120 PSU G3	4000 K	116 lm/W	3700 lm	32 W

Order Code	Full Product Name	Init. Corr. Colour Temperature	Initial LED luminaire efficacy	Initial luminous flux	Initial input power
01519551	SM100C LED37S 840 W30L120 PSD G3	4000 K	116 lm/W	3700 lm	32 W
01519851	SM100C LED37S 840 W30L120 PSU UNV G3	4000 K	116 lm/W	3700 lm	32 W
01519951	SM100C LED37S 865 W30L120 PSU UNV G3	6500 K	116 lm/W	3700 lm	32 W
01568941	RC100X LED37S 840 W30L120 IAR G3	4000 K	119 lm/W	3700 lm	31 W
01514351	RC100B LED54S 840 W60L120 PSU G3	4000 K	123 lm/W	5400 lm	44 W
01519651	SM100C LED54S 840 W60L120 PSU G3	4000 K	123 lm/W	5400 lm	44 W
01519751	SM100C LED54S 840 W60L120 PSD G3	4000 K	123 lm/W	5400 lm	44 W

