When light addresses the needs of cleanroom

GreenPerform cleanroom recessed

GreenPerform cleanroom recessed is a family of cleanroom luminaires offering an energy efficient, long lasting and reliable lighting solutions for specialized applications. This family is designed for providing illumination for application areas in semiconductor industries, pharmaceutical industries, etc. GreenPerform cleanroom recessed family provides a lighting solution with excellent energy performance, long reliable lifetime, well protected against ingress of dust and moisture while contributing to a healthy and comfortable working environment.

Benefits
· Higher energy saving possible with max. 110lm/w system efficacy
· Multiple applications possible with rear or front open design
· Reliable performance guaranteed with high ingress protection from housing front side

Features
· System efficacy upto 110lm/w
· Options of rear open or front open design for driver maintenance purpose
· IP65 for housing front side ingress protection and IP40 for the housing back side ingress protection

Application
· Pharmaceutical
· Electronics

Specifications

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Mounting type	Recessed		Power consumption	31W
Operating Temperature range	–20 to +35 ºC			52W
			Luminaire efficacy	Typical 105lm/W, 110lm/W
Light Source	LED		Correlated color temperature – CCT	4000K/6500K
Mains Voltage	220-240V / 50–60Hz			
Dimming	PSU		Color Rendering index – CRI	80
	PSD (optional)			
Material	sheet steel		Optical cover/lens finish	Opal
Main color of the luminaire	WH: RAL9003			
			Protection Class IEC61140	Safety class I
Lumen maintenance at median useful life 50.000h	L70B50		Ingress protection	IP65 (Front) / IP40 (Rear)
Luminous flux	3500lm			
	5500lm			

Product details

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General Information

Service tag	Yes

Light Technical

Color rendering index (CRI)	>80

Operating and Electrical

Protection class IEC	Safety class I
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz

Controls and Dimming

Dimmable	No

Mechanical and Housing

Optical cover type	Polycarbonate
Housing Color	White RAL 9003
Mech. impact protection code	IK03
Ingress protection code	IP40

Approval and Application

Ambient temperature range	+20 to +35 °C
CE mark	Yes
Flammability mark	–

Initial Performance (IEC Compliant)

Initial chromaticity	5
Luminous flux tolerance	+/-10%

Light Technical

Order Code	Full Product Name	Correlated Color Temperature (Nom)	Luminous Efficacy (rated) (Nom)	Luminous Flux
911401879599	CR467B LED35/CW PSU W30L120	6500 K	113 lm/W	3,500 lm
911401879699	CR467B LED55/NW PSU W30L120	4000 K	106 lm/W	5,500 lm
911401879799	CR467B LED55/CW PSU W30L120	6500 K	106 lm/W	5,500 lm
911401880299	CR468B LED35/NW PSU W30L120	4000 K	113 lm/W	3,500 lm
911401880399	CR468B LED35/CW PSU W30L120	6500 K	113 lm/W	3,500 lm
911401880499	CR468B LED55/NW PSU W30L120	4000 K	106 lm/W	5,500 lm
911401880599	CR468B LED55/CW PSU W30L120	6500 K	106 lm/W	5,500 lm
911401879099	CR467B LED35/NW PSU W60L60	4000 K	113 lm/W	3,500 lm
911401879199	CR467B LED35/CW PSU W60L60	6500 K	113 lm/W	3,500 lm
911401879299	CR467B LED55/NW PSU W60L60	4000 K	106 lm/W	5,500 lm
911401879399	CR467B LED55/CW PSU W60L60	6500 K	106 lm/W	5,500 lm
911401879899	CR468B LED35/NW PSU W60L60	4000 K	113 lm/W	3,500 lm
911401879999	CR468B LED35/CW PSU W60L60	6500 K	113 lm/W	3,500 lm
911401880099	CR468B LED55/NW PSU W60L60	4000 K	106 lm/W	5,500 lm
911401880199	CR468B LED55/CW PSU W60L60	6500 K	106 lm/W	5,500 lm

Operating and Electrical

Order Code	Full Product Name	Power Consumption
911401879599	CR467B LED35/CW PSU W30L120	31 W
911401879699	CR467B LED55/NW PSU W30L120	52 W
911401879799	CR467B LED55/CW PSU W30L120	52 W
911401880299	CR468B LED35/NW PSU W30L120	31 W
911401880399	CR468B LED35/CW PSU W30L120	31 W
911401880499	CR468B LED55/NW PSU W30L120	52 W
911401880599	CR468B LED55/CW PSU W30L120	52 W
911401879099	CR467B LED35/NW PSU W60L60	31 W

Order Code	Full Product Name	Power Consumption
911401879199	CR467B LED35/CW PSU W60L60	31 W
911401879299	CR467B LED55/NW PSU W60L60	52 W
911401879399	CR467B LED55/CW PSU W60L60	52 W
911401879899	CR468B LED35/NW PSU W60L60	31 W
911401879999	CR468B LED35/CW PSU W60L60	31 W
911401880099	CR468B LED55/NW PSU W60L60	52 W
911401880199	CR468B LED55/CW PSU W60L60	52 W

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www.lighting.philips.com

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