



# 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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<b>Mounting type</b>	Recessed
<b>Operating Temperature range</b>	-20 to +35 °C
<b>Light Source</b>	LED
<b>Mains Voltage</b>	220-240V / 50-60Hz
<b>Dimming</b>	PSU PSD (optional)
<b>Material</b>	sheet steel
<b>Main color of the luminaire</b>	WH: RAL9003
<b>Lumen maintenance at median useful life 50.000h</b>	L70B50
<b>Luminous flux</b>	3500lm 5500lm

<b>Power consumption</b>	31W 52W
<b>Luminaire efficacy</b>	Typical 105lm/W, 110lm/W
<b>Correlated color temperature - CCT</b>	4000K/6500K
<b>Color Rendering index - CRI</b>	80
<b>Optical cover/lens finish</b>	Opal
<b>Protection Class IEC61140</b>	Safety class I
<b>Ingress protection</b>	IP65 (Front) / IP40 (Rear)

## Versions



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## 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
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
911401880599	CR468B LED55/CW PSU W30L120	6500 K	106 lm/W	5,500 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
911401879999	CR468B LED35/CW PSU W60L60	6500 K	113 lm/W	3,500 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	Order Code	Full Product Name	Power Consumption
911401879599	CR467B LED35/CW PSU W30L120	31 W	911401879199	CR467B LED35/CW PSU W60L60	31 W
911401879799	CR467B LED55/CW PSU W30L120	52 W	911401879299	CR467B LED55/NW PSU W60L60	52 W
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911401880399	CR468B LED35/CW PSU W30L120	31 W	911401879999	CR468B LED35/CW PSU W60L60	31 W
911401880599	CR468B LED55/CW PSU W30L120	52 W	911401880199	CR468B LED55/CW PSU W60L60	52 W

