GreenPerform Cleanroom – CR467B/CR468B

Philips Greenperform cleanroom is a family of cleanroom luminaires offering an energy efficient, long lasting and reliable lighting solutions for specialized applications. These luminaires are designed for providing illumination for application areas in semiconductor industries, pharmaceutical industries, hotel kitchens etc.

GreenPerform cleanroom 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.

Features & Benefits

- System efficacy >105lm/W; 3500/5500lm
  - High energy saving up to 56% comparing with conventional fluorescent systems
- Integrated design
  - Optimized design for easy installation and reliable system performance
- Option of rear opening and front opening variants
  - Versatile installation possibilities
- Sturdy cold rolled sheet steel with high quality powder coated housing and PC cover plate
  - Robust and reliable construction
- Protection rating IP65, IP40 in the ceiling; Suitable for 1000-100000 Class cleanroom
  - Reliable performance through the lifetime of the product
- Frosted Polycarbonate front cover
  - Uniform comfortable light with good glare control
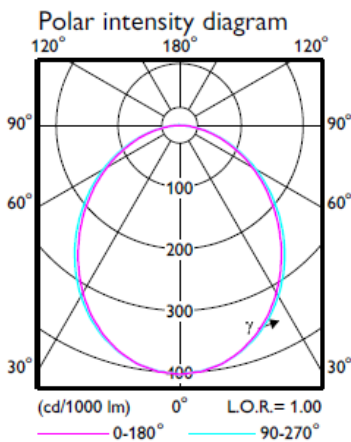

Applications

- Pharmaceuticals
- Semiconductor manufacturing
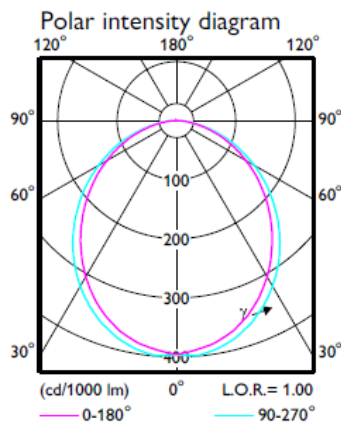- Food production areas
- Laboratories

PHILIPS

Oct 2016
Data subject to change

Product Specification

Product family	Rear Open	Front Open
Product spec.	CR467B	CR468B
System output	3500lm/5500lm	
System power	31W/52W	
System efficacy	110lm/W/105lm/W	
Driver	FIXED / DALI (Option)	
Lifetime	50,000hrs @L70B50	
CCT	CW (6500K)/ NW (4000K)	
CRI	>80	
SDCM	<5 SDCM	
Optic	Opal	
Temperature	-20°C~+35°C / Ta25°C	
Driver	Philips Xitanium driver	
Materials	Housing: Sturdy cold rolled sheet steel ; Optical cover: PC plate;	
Color	White RAL9003	
IP rate	Front: IP65; Rear: IP40	
Classification	class I	
Input voltage	220-240V, 50/60 Hz	
Power factor	> 0.90	
Installation	Recessed	

Polar intensity diagram

Square version

Rectangular version

PHILIPS

Order Information

12ncs	Description	Lumen	CCT	Power	Driver	Dimension
911401879099	CR467B LED35/NW PSU W60L60	3500	4000K	31W	Fixed	Rear open
911401879199	CR467B LED35/CW PSU W60L60	3500	6500K	31W	Fixed	Rear open
911401879299	CR467B LED55/NW PSU W60L60	5500	4000K	52W	Fixed	Rear open
911401879399	CR467B LED55/CW PSU W60L60	5500	6500K	52W	Fixed	Rear open
911401879499	CR467B LED35/NW PSU W30L120	3500	4000K	31W	Fixed	Rear open
911401879599	CR467B LED35/CW PSU W30L120	3500	6500K	31W	Fixed	Rear open
911401879699	CR467B LED55/NW PSU W30L120	5500	4000K	52W	Fixed	Rear open
911401879799	CR467B LED55/CW PSU W30L120	5500	6500K	52W	Fixed	Rear open
911401879899	CR468B LED35/NW PSU W60L60	3500	4000K	31W	Fixed	Front open
911401879999	CR468B LED35/CW PSU W60L60	3500	6500K	31W	Fixed	Front open
911401880099	CR468B LED55/NW PSU W60L60	5500	4000K	52W	Fixed	Front open
911401880199	CR468B LED55/CW PSU W60L60	5500	6500K	52W	Fixed	Front open
911401880299	CR468B LED35/NW PSU W30L120	3500	4000K	31W	Fixed	Front open
911401880399	CR468B LED35/CW PSU W30L120	3500	6500K	31W	Fixed	Front open
911401880499	CR468B LED55/NW PSU W30L120	5500	4000K	52W	Fixed	Front open
911401880599	CR468B LED55/CW PSU W30L120	5500	6500K	52W	Fixed	Front open
911401880699	CR467B LED35/NW PSU W60L60 AU	3500	4000K	31W	Fixed	Rear open
911401880799	CR467B LED55/NW PSU W60L60 AU	5500	4000K	31W	Fixed	Rear open
911401880899	CR467B LED35/NW PSU W30L120 AU	3500	4000K	52W	Fixed	Rear open
911401880999	CR467B LED55/NW PSU W30L120 AU	5500	4000K	52W	Fixed	Rear open
911401881099	CR468B LED35/NW PSU W60L60 AU	3500	4000K	31W	Fixed	Front open
911401881199	CR468B LED55/NW PSU W60L60 AU	5500	4000K	31W	Fixed	Front open
911401881299	CR468B LED35/NW PSU W30L120 AU	3500	4000K	52W	Fixed	Front open
911401881399	CR468B LED55/NW PSU W30L120 AU	5500	4000K	52W	Fixed	Front open

More options available on request:

- Dali dimmable PSD version
- SS screw version

www.philips.com/lighting

Oct 2016
Data subject to change