



# 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

GreenPerform cleanroom recessed

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

|                                    |                            |
|------------------------------------|----------------------------|
| Power consumption                  | 31W<br>52W                 |
| Luminaire efficacy                 | Typical 105lm/W, 110lm/W   |
| Correlated color temperature - CCT | 4000K/6500K                |
| Color Rendering index - CRI        | 80                         |
| Optical cover/lens finish          | Opal                       |
| Protection Class IEC61140          | Safety class I             |
| Ingress protection                 | 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 |
|--------------|-----------------------------|------------------------------------|---------------------------------|---------------|
| 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      |
| 911401880399 | CR468B LED35/CW PSU W30L120 | 6500 K                             | 113 lm/W                        | 3,500 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      |

### Operating and Electrical

| Order Code   | Full Product Name           | Power Consumption | Order Code   | Full Product Name          | Power Consumption |
|--------------|-----------------------------|-------------------|--------------|----------------------------|-------------------|
| 911401879699 | CR467B LED55/NW PSU W30L120 | 52 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              |
| 911401880399 | CR468B LED35/CW PSU W30L120 | 31 W              | 911401879399 | CR467B LED55/CW PSU W60L60 | 52 W              |
| 911401879099 | CR467B LED35/NW PSU W60L60  | 31 W              | 911401879899 | CR468B LED35/NW PSU W60L60 | 31 W              |

