



# Luminaria LED para salas limpias CR250B: solución uniforme, de confianza, con buena relación calidad-precio

## Cleanroom LED CR250B

En aplicaciones en las que la higiene tiene una importancia crucial como, por ejemplo, hospitales e instalaciones de procesamiento de alimentos, los clientes desean luminarias IP65 e IP54 de demostrada eficacia que sean seguras de utilizar y tengan un precio atractivo. Esta familia de luminarias ofrece una excelente relación calidad precio: el sistema LED de Philips produce luz fiable, de alta calidad y la flexibilidad de las posibilidades de montaje permiten usar esta familia en una amplia gama de aplicaciones. Las luminarias cumplen también todas las normas pertinentes (CE, EMC, RoHS).

### Beneficios

- Inversión con buena relación calidad-precio.
- Bajo mantenimiento gracias a la larga duración de la luminaria.
- Cumple los requisitos de alto nivel para aplicaciones principales.

# Cleanroom LED CR250B

## Características

- Superficie de luz uniforme.
- Versiones IP65 (cubierta de vidrio) e IP54 (cubierta de PMMA).
- Paquetes lumínicos 3500 a 5500 lm.
- Funciona con diferentes tipos de techo.
- Clase II.

## Aplicaciones

- Instalaciones de producción de alimentos y cocinas.
- Hospitales y otras instalaciones para el cuidado de la salud.
- Zonas de producción limpias.

## Versions



Cleanroom LED-CR150B W60L60

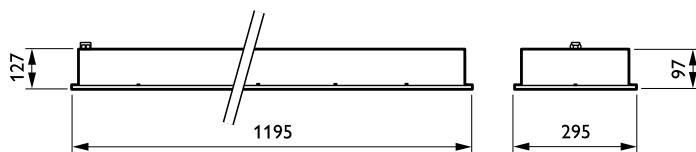
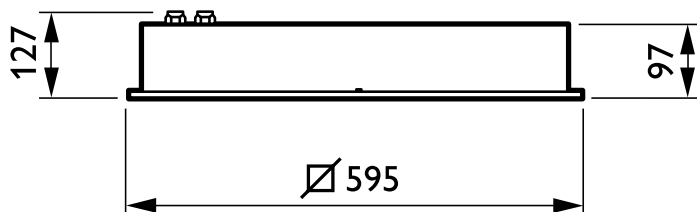


Cleanroom LED-CR250B W60L60



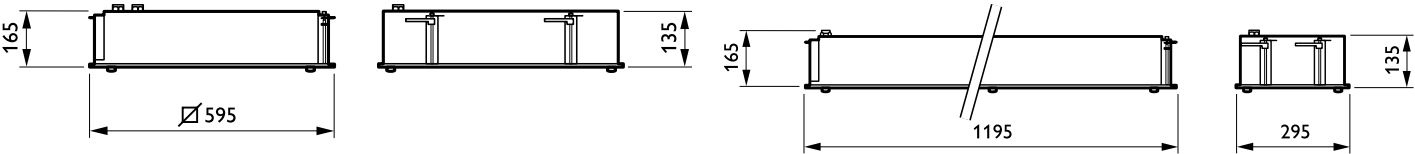
Cleanroom LED-CR250B W30L120  
CR250Z SMB-CP

## Plano de dimensiones



# Cleanroom LED CR250B

## Plano de dimensiones



## Detalles del producto



Cleanroom\_LED-  
CR250B\_W60L60-DP01



Cleanroom\_LED-  
CR250B\_W60L60-DP02



Cleanroom\_LED-  
CR150B\_W30L120\_PSU-DP04



Cleanroom\_LED-  
CR150B\_W30L120\_PSD-DP05



Cleanroom\_LED-CR150B-  
PSU\_W30L120\_PSU-DP06



Cleanroom\_LED-  
CR150B\_W30L120\_PSD-DP07

# Cleanroom LED CR250B

## Detalles del producto



Cleanroom\_LED-CR250B\_PSU-DP08



Cleanroom\_LED-CR150B\_W30L120\_CR150Z\_SMB-DP11



Cleanroom\_LED-CR150B\_W60L60\_CR150Z\_SMB-DP12



Cleanroom\_LED-CR250B\_W30L120\_CR250Z\_SMB-DP13



Cleanroom\_LED-CR250B\_W60L60\_CR250Z\_SMB-DP14

Cleanroom LED CR250B

| Información general                       |                                                       |
|-------------------------------------------|-------------------------------------------------------|
| Marca CE                                  | Sí                                                    |
| Driver incluido                           | Sí                                                    |
| Certificado ENEC                          | -                                                     |
| Marca de inflamabilidad                   | Para su montaje en superficies fácilmente inflamables |
| Fuente de luz sustituible                 | Sí                                                    |
| Número de unidades de equipo              | 1 unidad                                              |
| Datos técnicos de la luz                  |                                                       |
| Temperatura de color correlacionada (Nom) | 4000 K                                                |
| Índice de reproducción cromática (IRC)    | >80                                                   |
| Tipo de óptica                            | -                                                     |
| Operativos y eléctricos                   |                                                       |
| Tensión de entrada                        | 220-240 V                                             |
| Line Frequency                            | 50 to 60 Hz                                           |
| Mecánicos y de carcasa                    |                                                       |
| Color de la carcasa                       | Blanco                                                |
| Aprobación y aplicación                   |                                                       |
| Clase de protección IEC                   | Seguridad clase II                                    |
| Rendimiento inicial (conforme con IEC)    |                                                       |
| Tolerancia de flujo luminoso              | +/-5%                                                 |
| Condiciones de aplicación                 |                                                       |
| Adecuado para conmutación aleatoria       | Sí                                                    |

Información general

|            |                                       |                                   | Código de familias de lámparas |
|------------|---------------------------------------|-----------------------------------|--------------------------------|
| Order Code | Full Product Name                     | Test del hilo incandescente       |                                |
| 07291200   | CR150B LED35S/840 PSU W60L60 IP54     | Temperatura 650 °C, duración 30 s | GRN35                          |
| 07292900   | CR150B LED35S/840 PSD W60L60 IP54     | Temperatura 650 °C, duración 30 s | GRN35                          |
| 07293600   | CR150B LED35S/840 PSU W30L120 IP54    | Temperatura 650 °C, duración 30 s | GRN35                          |
| 07294300   | CR150B LED35S/840 PSD W30L120 IP54    | Temperatura 650 °C, duración 30 s | GRN35                          |
| 07283700   | CR250B LED35S/840 PSU W60L60 IP65     | Temperatura 850 °C, duración 30 s | GRN35                          |
| 07284400   | CR250B LED35S/840 PSD W60L60 IP65     | Temperatura 850 °C, duración 30 s | GRN35                          |
| 07285100   | CR250B LED55S/840 PSU W60L60 IP65     | Temperatura 850 °C, duración 30 s | GRN55                          |
| 07286800   | CR250B LED55S/840 PSD W60L60 IP65     | Temperatura 850 °C, duración 30 s | GRN55                          |
| 07287500   | CR250B LED35S/840 PSU W30L120 IP65    | Temperatura 850 °C, duración 30 s | GRN35                          |
| 07288200   | CR250B LED35S/840 PSD W30L120 IP65    | Temperatura 850 °C, duración 30 s | GRN35                          |
| 07289900   | CR250B LED55S/840 PSU W30L120 IP65    | Temperatura 850 °C, duración 30 s | GRN55                          |
| 07290500   | CR250B LED55S/840 PSD W30L120 IP65    | Temperatura 850 °C, duración 30 s | GRN55                          |
| 38245200   | CR250B LED35S/840 PSU W30L120 IP65 OC | Temperatura 850 °C, duración 30 s | -                              |
| 38246900   | CR250B LED35S/840 PSD W30L120 IP65 OC | Temperatura 850 °C, duración 30 s | -                              |
| 38243800   | CR250B LED35S/840 PSU W60L60 IP65 OC  | Temperatura 850 °C, duración 30 s | -                              |
| 38244500   | CR250B LED35S/840 PSD W60L60 IP65 OC  | Temperatura 850 °C, duración 30 s | -                              |

Datos técnicos de la luz

|            |                                    | Eficacia lumínica (nominal)                |                | Número de fuentes de luz |   |
|------------|------------------------------------|--------------------------------------------|----------------|--------------------------|---|
| Order Code | Full Product Name                  | Tipo de cubierta óptica                    | Flujo luminoso |                          |   |
| 07291200   | CR150B LED35S/840 PSU W60L60 IP54  | Cierre/difusor de polimetileno metacrilato | 88 lm/W        | 3.500 lm                 | 2 |
| 07292900   | CR150B LED35S/840 PSD W60L60 IP54  | Cierre/difusor de polimetileno metacrilato | 88 lm/W        | 3.500 lm                 | 2 |
| 07293600   | CR150B LED35S/840 PSU W30L120 IP54 | Cierre/difusor de polimetileno metacrilato | 88 lm/W        | 3.500 lm                 | 2 |
| 07294300   | CR150B LED35S/840 PSD W30L120 IP54 | Cierre/difusor de polimetileno metacrilato | 88 lm/W        | 3.500 lm                 | 2 |
| 07283700   | CR250B LED35S/840 PSU W60L60 IP65  | Vidrio transparente con film difusor       | 88 lm/W        | 3.500 lm                 | 2 |
| 07284400   | CR250B LED35S/840 PSD W60L60 IP65  | Vidrio transparente con film difusor       | 88 lm/W        | 3.500 lm                 | 2 |

Cleanroom LED CR250B

| Order Code | Full Product Name | Tipo de cubierta óptica | Eficacia lumínica (nominal) | Flujo luminoso | Número de fuentes de luz |
|------------|-------------------|-------------------------|-----------------------------|----------------|--------------------------|
|            |                   |                         | (nom.)                      |                |                          |
| 07285100   | CR250B            | Vidrio                  | 87 lm/W                     | 5.500 lm       | 2                        |
|            | LED55S/840        | transparente con        |                             |                |                          |
|            | PSU W60L60        | film difusor            |                             |                |                          |
|            | IP65              |                         |                             |                |                          |
| 07286800   | CR250B            | Vidrio                  | 87 lm/W                     | 5.500 lm       | 2                        |
|            | LED55S/840        | transparente con        |                             |                |                          |
|            | PSD W60L60        | film difusor            |                             |                |                          |
|            | IP65              |                         |                             |                |                          |
| 07287500   | CR250B            | Vidrio                  | 88 lm/W                     | 3.500 lm       | 2                        |
|            | LED35S/840        | transparente con        |                             |                |                          |
|            | PSU W30L120       | film difusor            |                             |                |                          |
|            | IP65              |                         |                             |                |                          |
| 07288200   | CR250B            | Vidrio                  | 88 lm/W                     | 3.500 lm       | 2                        |
|            | LED35S/840        | transparente con        |                             |                |                          |
|            | PSD W30L120       | film difusor            |                             |                |                          |
|            | IP65              |                         |                             |                |                          |
| 07289900   | CR250B            | Vidrio                  | 87 lm/W                     | 5.500 lm       | 2                        |
|            | LED55S/840        | transparente con        |                             |                |                          |
|            | PSU W30L120       | film difusor            |                             |                |                          |
|            | IP65              |                         |                             |                |                          |

| Order Code | Full Product Name | Tipo de cubierta óptica | Eficacia lumínica (nominal) | Flujo luminoso | Número de fuentes de luz |
|------------|-------------------|-------------------------|-----------------------------|----------------|--------------------------|
|            |                   |                         | (nom.)                      |                |                          |
| 07290500   | CR250B            | Vidrio                  | 87 lm/W                     | 5.500 lm       | 2                        |
|            | LED55S/840        | transparente con        |                             |                |                          |
|            | PSD W30L120       | film difusor            |                             |                |                          |
|            | IP65              |                         |                             |                |                          |
| 38245200   | CR250B            | -                       | 88 lm/W                     | 3.500 lm       | -                        |
|            | LED35S/840        |                         |                             |                |                          |
|            | PSU W30L120       |                         |                             |                |                          |
|            | IP65 OC           |                         |                             |                |                          |
| 38246900   | CR250B            | -                       | 88 lm/W                     | 3.500 lm       | -                        |
|            | LED35S/840        |                         |                             |                |                          |
|            | PSD W30L120       |                         |                             |                |                          |
|            | IP65 OC           |                         |                             |                |                          |
| 38243800   | CR250B            | -                       | 88 lm/W                     | 3.500 lm       | -                        |
|            | LED35S/840        |                         |                             |                |                          |
|            | PSU W60L60        |                         |                             |                |                          |
|            | IP65 OC           |                         |                             |                |                          |
| 38244500   | CR250B            | -                       | 88 lm/W                     | 3.500 lm       | -                        |
|            | LED35S/840        |                         |                             |                |                          |
|            | PSD W60L60        |                         |                             |                |                          |
|            | IP65 OC           |                         |                             |                |                          |

Operativos y eléctricos

| Order Code | Full Product Name                  | Consumo de energía |
|------------|------------------------------------|--------------------|
| 07291200   | CR150B LED35S/840 PSU W60L60 IP54  | 40 W               |
| 07292900   | CR150B LED35S/840 PSD W60L60 IP54  | 40 W               |
| 07293600   | CR150B LED35S/840 PSU W30L120 IP54 | 40 W               |
| 07294300   | CR150B LED35S/840 PSD W30L120 IP54 | 40 W               |
| 07283700   | CR250B LED35S/840 PSU W60L60 IP65  | 40 W               |
| 07284400   | CR250B LED35S/840 PSD W60L60 IP65  | 40 W               |
| 07285100   | CR250B LED55S/840 PSU W60L60 IP65  | 63 W               |
| 07286800   | CR250B LED55S/840 PSD W60L60 IP65  | 63 W               |

| Order Code | Full Product Name                     | Consumo de energía |
|------------|---------------------------------------|--------------------|
| 07287500   | CR250B LED35S/840 PSU W30L120 IP65    | 40 W               |
| 07288200   | CR250B LED35S/840 PSD W30L120 IP65    | 40 W               |
| 07289900   | CR250B LED55S/840 PSU W30L120 IP65    | 63 W               |
| 07290500   | CR250B LED55S/840 PSD W30L120 IP65    | 63 W               |
| 38245200   | CR250B LED35S/840 PSU W30L120 IP65 OC | 40 W               |
| 38246900   | CR250B LED35S/840 PSD W30L120 IP65 OC | 40 W               |
| 38243800   | CR250B LED35S/840 PSU W60L60 IP65 OC  | 40 W               |
| 38244500   | CR250B LED35S/840 PSD W60L60 IP65 OC  | 40 W               |

Temperatura

| Order Code | Full Product Name                  | Rango de temperatura ambiente |
|------------|------------------------------------|-------------------------------|
| 07291200   | CR150B LED35S/840 PSU W60L60 IP54  | 0 °C a +40 °C                 |
| 07292900   | CR150B LED35S/840 PSD W60L60 IP54  | 0 °C a +40 °C                 |
| 07293600   | CR150B LED35S/840 PSU W30L120 IP54 | 0 °C a +40 °C                 |
| 07294300   | CR150B LED35S/840 PSD W30L120 IP54 | 0 °C a +40 °C                 |
| 07283700   | CR250B LED35S/840 PSU W60L60 IP65  | -20 °C a +40 °C               |
| 07284400   | CR250B LED35S/840 PSD W60L60 IP65  | -20 °C a +40 °C               |
| 07285100   | CR250B LED55S/840 PSU W60L60 IP65  | -20 °C a +40 °C               |
| 07286800   | CR250B LED55S/840 PSD W60L60 IP65  | -20 °C a +40 °C               |

| Order Code | Full Product Name                     | Rango de temperatura ambiente |
|------------|---------------------------------------|-------------------------------|
| 07287500   | CR250B LED35S/840 PSU W30L120 IP65    | -20 °C a +40 °C               |
| 07288200   | CR250B LED35S/840 PSD W30L120 IP65    | -20 °C a +40 °C               |
| 07289900   | CR250B LED55S/840 PSU W30L120 IP65    | -20 °C a +40 °C               |
| 07290500   | CR250B LED55S/840 PSD W30L120 IP65    | -20 °C a +40 °C               |
| 38245200   | CR250B LED35S/840 PSU W30L120 IP65 OC | -20 °C a +40 °C               |
| 38246900   | CR250B LED35S/840 PSD W30L120 IP65 OC | -20 °C a +40 °C               |

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| Order Code | Full Product Name                 | Rango de temperatura ambiente |
|------------|-----------------------------------|-------------------------------|
| 38243800   | CR250B LED35S/840 PSU W60L60 IP65 | -20 °C a +40 °C               |
|            | OC                                |                               |

| Order Code | Full Product Name            | Rango de temperatura ambiente |
|------------|------------------------------|-------------------------------|
| 38244500   | CR250B LED35S/840 PSD W60L60 | -20 °C a +40 °C               |
|            | IP65 OC                      |                               |

Controles y regulación

| Order Code | Full Product Name                  | Regulable |
|------------|------------------------------------|-----------|
| 07291200   | CR150B LED35S/840 PSU W60L60 IP54  | No        |
| 07292900   | CR150B LED35S/840 PSD W60L60 IP54  | Sí        |
| 07293600   | CR150B LED35S/840 PSU W30L120 IP54 | No        |
| 07294300   | CR150B LED35S/840 PSD W30L120 IP54 | Sí        |
| 07283700   | CR250B LED35S/840 PSU W60L60 IP65  | No        |
| 07284400   | CR250B LED35S/840 PSD W60L60 IP65  | Sí        |
| 07285100   | CR250B LED55S/840 PSU W60L60 IP65  | No        |
| 07286800   | CR250B LED55S/840 PSD W60L60 IP65  | Sí        |

| Order Code | Full Product Name                     | Regulable |
|------------|---------------------------------------|-----------|
| 07287500   | CR250B LED35S/840 PSU W30L120 IP65    | No        |
| 07288200   | CR250B LED35S/840 PSD W30L120 IP65    | Sí        |
| 07289900   | CR250B LED55S/840 PSU W30L120 IP65    | No        |
| 07290500   | CR250B LED55S/840 PSD W30L120 IP65    | Sí        |
| 38245200   | CR250B LED35S/840 PSU W30L120 IP65 OC | No        |
| 38246900   | CR250B LED35S/840 PSD W30L120 IP65 OC | Sí        |
| 38243800   | CR250B LED35S/840 PSU W60L60 IP65 OC  | No        |
| 38244500   | CR250B LED35S/840 PSD W60L60 IP65 OC  | Sí        |

Aprobación y aplicación

| Order Code | Full Product Name                  | Índice de protección frente a choque mecánico | Código de protección de entrada |
|------------|------------------------------------|-----------------------------------------------|---------------------------------|
| 07291200   | CR150B LED35S/840 PSU W60L60 IP54  | IK03                                          | IP54                            |
| 07292900   | CR150B LED35S/840 PSD W60L60 IP54  | IK03                                          | IP54                            |
| 07293600   | CR150B LED35S/840 PSU W30L120 IP54 | IK03                                          | IP54                            |
| 07294300   | CR150B LED35S/840 PSD W30L120 IP54 | IK03                                          | IP54                            |
| 07283700   | CR250B LED35S/840 PSU W60L60 IP65  | IK07                                          | IP65                            |
| 07284400   | CR250B LED35S/840 PSD W60L60 IP65  | IK07                                          | IP65                            |
| 07285100   | CR250B LED55S/840 PSU W60L60 IP65  | IK07                                          | IP65                            |
| 07286800   | CR250B LED55S/840 PSD W60L60 IP65  | IK07                                          | IP65                            |

| Order Code | Full Product Name                     | Índice de protección frente a choque mecánico | Código de protección de entrada |
|------------|---------------------------------------|-----------------------------------------------|---------------------------------|
| 07287500   | CR250B LED35S/840 PSU W30L120 IP65    | IK07                                          | IP65                            |
| 07288200   | CR250B LED35S/840 PSD W30L120 IP65    | IK07                                          | IP65                            |
| 07289900   | CR250B LED55S/840 PSU W30L120 IP65    | IK07                                          | IP65                            |
| 07290500   | CR250B LED55S/840 PSD W30L120 IP65    | IK07                                          | IP65                            |
| 38245200   | CR250B LED35S/840 PSU W30L120 IP65 OC | IK07                                          | IP65                            |
| 38246900   | CR250B LED35S/840 PSD W30L120 IP65 OC | IK07                                          | IP65                            |
| 38243800   | CR250B LED35S/840 PSU W60L60 IP65 OC  | IK07                                          | IP65                            |
| 38244500   | CR250B LED35S/840 PSD W60L60 IP65 OC  | IK07                                          | IP65                            |

Rendimiento inicial (conforme con IEC)

| Order Code | Full Product Name                  | Cromaticidad inicial |
|------------|------------------------------------|----------------------|
| 07291200   | CR150B LED35S/840 PSU W60L60 IP54  | (0.38, 0.38) SDCM <4 |
| 07292900   | CR150B LED35S/840 PSD W60L60 IP54  | (0.38, 0.38) SDCM <4 |
| 07293600   | CR150B LED35S/840 PSU W30L120 IP54 | (0.38, 0.38) SDCM <4 |
| 07294300   | CR150B LED35S/840 PSD W30L120 IP54 | (0.38, 0.38) SDCM <4 |
| 07283700   | CR250B LED35S/840 PSU W60L60 IP65  | (0.38, 0.38) SDCM <4 |
| 07284400   | CR250B LED35S/840 PSD W60L60 IP65  | (0.38, 0.38) SDCM <4 |
| 07285100   | CR250B LED55S/840 PSU W60L60 IP65  | (0.38, 0.38) SDCM <3 |
| 07286800   | CR250B LED55S/840 PSD W60L60 IP65  | (0.38, 0.38) SDCM <3 |

| Order Code | Full Product Name                     | Cromaticidad inicial |
|------------|---------------------------------------|----------------------|
| 07287500   | CR250B LED35S/840 PSU W30L120 IP65    | (0.38, 0.38) SDCM <4 |
| 07288200   | CR250B LED35S/840 PSD W30L120 IP65    | (0.38, 0.38) SDCM <4 |
| 07289900   | CR250B LED55S/840 PSU W30L120 IP65    | (0.38, 0.38) SDCM <3 |
| 07290500   | CR250B LED55S/840 PSD W30L120 IP65    | (0.38, 0.38) SDCM <3 |
| 38245200   | CR250B LED35S/840 PSU W30L120 IP65 OC | (0.38, 0.38) SDCM <3 |
| 38246900   | CR250B LED35S/840 PSD W30L120 IP65 OC | (0.38, 0.38) SDCM <3 |
| 38243800   | CR250B LED35S/840 PSU W60L60 IP65 OC  | (0.38, 0.38) SDCM <3 |
| 38244500   | CR250B LED35S/840 PSD W60L60 IP65 OC  | (0.38, 0.38) SDCM <3 |

Condiciones de aplicación

# Cleanroom LED CR250B

| Order Code | Full Product Name                  | Nivel máximo de atenuación |
|------------|------------------------------------|----------------------------|
| 07291200   | CR150B LED35S/840 PSU W60L60 IP54  | -                          |
| 07292900   | CR150B LED35S/840 PSD W60L60 IP54  | 1%                         |
| 07293600   | CR150B LED35S/840 PSU W30L120 IP54 | -                          |
| 07294300   | CR150B LED35S/840 PSD W30L120 IP54 | 1%                         |
| 07283700   | CR250B LED35S/840 PSU W60L60 IP65  | -                          |
| 07284400   | CR250B LED35S/840 PSD W60L60 IP65  | 1%                         |
| 07285100   | CR250B LED55S/840 PSU W60L60 IP65  | -                          |
| 07286800   | CR250B LED55S/840 PSD W60L60 IP65  | 1%                         |

| Order Code | Full Product Name                     | Nivel máximo de atenuación |
|------------|---------------------------------------|----------------------------|
| 07287500   | CR250B LED35S/840 PSU W30L120 IP65    | -                          |
| 07288200   | CR250B LED35S/840 PSD W30L120 IP65    | 1%                         |
| 07289900   | CR250B LED55S/840 PSU W30L120 IP65    | -                          |
| 07290500   | CR250B LED55S/840 PSD W30L120 IP65    | 1%                         |
| 38245200   | CR250B LED35S/840 PSU W30L120 IP65 OC | -                          |
| 38246900   | CR250B LED35S/840 PSD W30L120 IP65 OC | 1%                         |
| 38243800   | CR250B LED35S/840 PSU W60L60 IP65 OC  | -                          |
| 38244500   | CR250B LED35S/840 PSD W60L60 IP65 OC  | 1%                         |

