

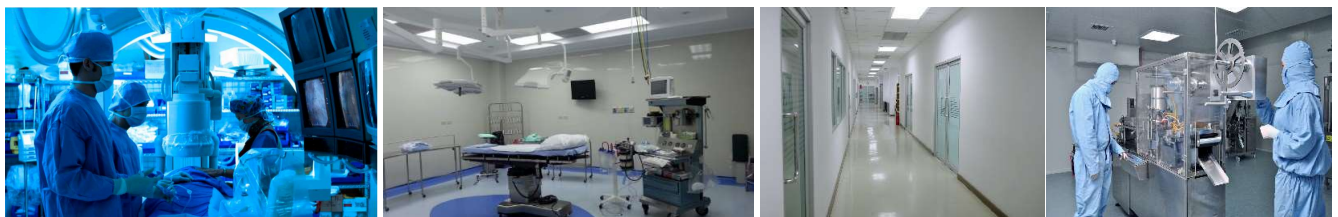


## PureSpace Cleanroom Range

Customers operating highly hygienic facilities – in hospitals, laboratories, and certain production environments, e.g. in the food industry – require special IP65, easy-to clean, dust-free luminaires that meet all applicable lighting requirements and norms. With the widest range of choices to suit diverse applications, robust construction ensuring high levels of dust and moisture protection, adjustable mounting to suit multiple ceiling thickness and compliance to all mandatory electrical and lighting standards, this LED cleanroom luminaire represents the ideal solution, delivering market-leading energy performance and over 50,000 hours of maintenance-free operation. This means extremely low operational cost over the total lifetime of the luminaire, and so an excellent financial return on investment. The luminaire's high color rendering properties ensure the top-class optical performance required in e.g. clinical areas in hospitals and other areas where it is crucial to be able to distinguish between colors, such as in the graphical and clothing industries

### Applications

- Laboratories
- Semiconductor production sites
- Pharmaceutical industry
- Food production/processing facilities and kitchens
- Hospitals and other healthcare facilities
- Clean production areas



## Features & Benefits

- **Peace Of Mind**
  - 4KV Surge Protection ensures longevity and reliable performance throughout the lifetime
  - 100 lm/W Efficacy
  - Impact Resistance of IK07 classification
  - Fully diffused light ensures comfort lighting
  - IP65 certified ( From the front)
  - BIS approbations – Safe and Reliable performance
- **Long Lasting Performance**
  - Designed for energy savings of up to 55% compared with conventional lighting
  - Life Class of 50k hours L70B50\* @ 45 degree C
  - Designed for operations under diverse environment from -10°C to 50°C
  - *Designed to sustain 70% of initial lumen output (L70) at 50,000 hours of lifetime*
- **High Quality Material & Design**
  - CRCA Housing with superior finish
  - Acrylic cover that ensures IK07 protection
  - Adjustable bracket mounting suitable for 40 to 100mm ceiling thickness (TO Cleanroom)



## Design Features – PureSpace 1'x4'

### PureSpace 1'x4' Top Opening

Separate CRCA box for Driver ensures easy replaceability of Driver ( Easily access from top side)

Philips Driver comes with 4KV Inbuilt Surge Protection

Acrylic Diffuser comes with IK07 protection

Side wall bracket provides mounting flexibility . Suitable to mount for 40-100mm ceiling height.

Gasket on edge provides complete sealing with wall

### PureSpace 1'x4' Bottom Opening

Luminaire can be opened from front face and driver can be replaced easily.

Philips Driver comes with 4KV Inbuilt Surge Protection

Acrylic Diffuser comes with IK07 protection

Mounting can be done via M8 tension rod or Conduit.

Gasket on edge provides complete sealing with wall

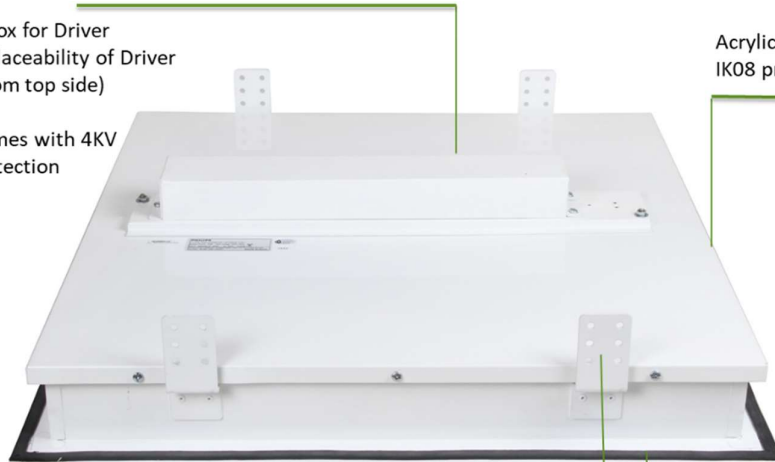
## Design Features – PureSpace 2'x2'

### PureSpace 2'x2' Top Opening

Separate CRCA box for Driver ensures easy replaceability of Driver ( Easily access from top side)

Philips Driver comes with 4KV Inbuilt Surge Protection

Acrylic Diffuser comes with IK08 protection



Side wall bracket provides mounting flexibility . Suitable to mount for 40-100mm ceiling height.

Gasket on edge provides complete sealing with wall

### PureSpace 2'x2' Bottom Opening

Luminaire can be opened from front face and driver can be replaced easily.

Philips Driver comes with 4KV Inbuilt Surge Protection

Acrylic Diffuser comes with IK08 protection

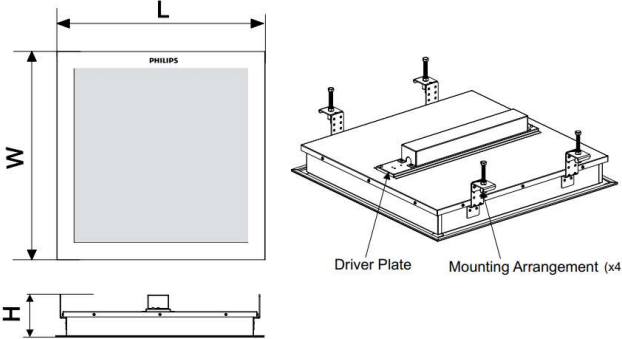


Mounting can be done via M8 tension rod or Conduit.

Gasket on edge provides complete sealing with wall

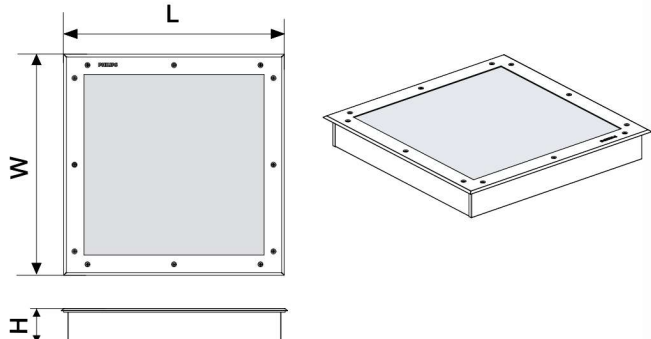
## Dimensions

Type	Dimension L x W X H (mm)	Ceiling Cut Out (mm)	Kg
CR652B LED TO W60L60 WH	600 x 600 x 120	580 x 580	7.5



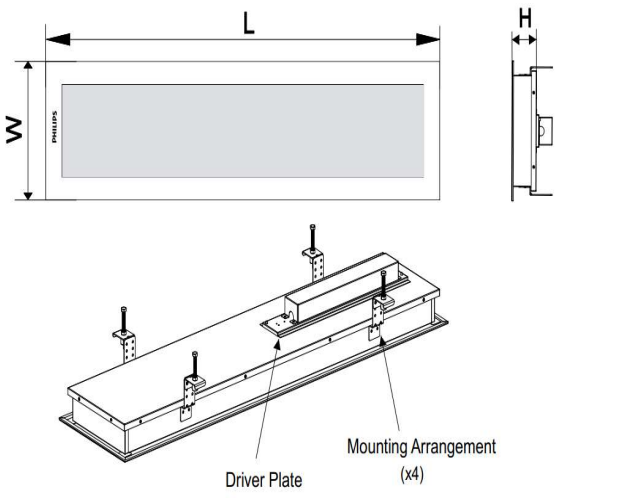
Note : Actual product may differ from pictorial view.

Type	Dimension L x W X H (mm)	Ceiling Cut Out (mm)	Kg
CR652B LED BO W60L60 WH	610 x 610 x 75	580 x 580	6.5



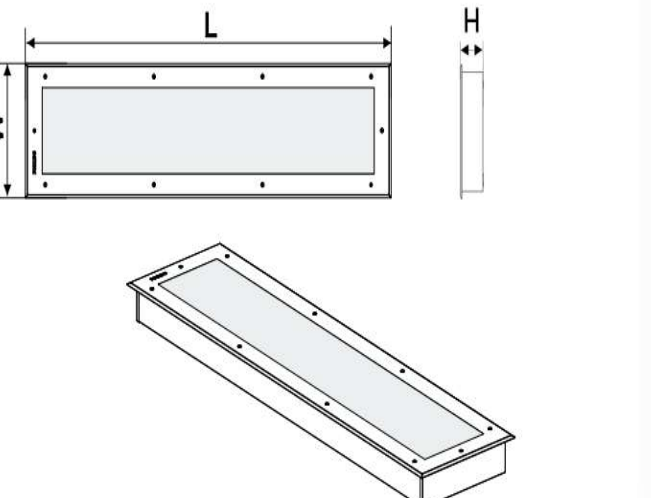
Note : Actual product may differ from pictorial view.

Type	Dimension L x W X H (mm)	Ceiling Cut Out (mm)	Kg
CR652B LED TO W30L120 WH	1200 x 300 x 120	1180 x 280	7.5



Note : Actual product may differ from pictorial view.

Type	Dimension L x W X H (mm)	Ceiling Cut Out (mm)	Kg
CR652B LED BO W30L120 WH	1213 x 313 x 75	1180 x 280	7.0



Note : Actual product may differ from pictorial view.

## Nomenclature

### CR652B LED36S-6500 PSU CA TO W60L60 WH

- |  |  |   |  |                                       |  |   |   |
|--|--|---|--|---------------------------------------|--|---|---|
| 1  | 2  | 3   | 4  | 5                                     | 6  | 7   | 8   |
| 1 Product Family Name<br>Claria Advanced | 2 System Lumen Output<br>36S - 3600 lm<br>60S - 5600 lm<br>80S - 7800 lm | 3 Color Temperature<br>6500 CCT<br>4000 CCT | 4 Driver Options<br>PSU - Fixed Output<br>PSD - DALI | 5 Front Cover<br>CA- Acrylic Diffuser | 6 Construction of Luminaire<br>TO- Top Openable<br>BO- Bottom Openable | 7 Size of Luminaire<br>W60L60 - 600X600mm<br>W30L120 - 300X1200mm | 8 Luminaire Color<br>WH - White (RAL9016) |

## Product Specifications

Model Name	CR652B (1X4)		
Light Source	SMD LED Chip	SMD LED Chip	
Wattage	34 W	62 W	
Lumen	3600	6000	
Efficacy	105 lm/W	~100 lm/W	
CRI	≥ 80	≥ 80	
SDCM	<5	<5	
CCT	4000 & 6500K	4000 & 6500K	
Input Voltage	140-240V AC	140-240V AC	
Diffuser	Acrylic, DME 70	Acrylic, DME 70	
THD	≤ 10%	≤ 10%	
PF	0.95	0.95	
EMI/EMC	Yes	Yes	
Surge Protection	4KV Inbuilt	4KV Inbuilt	
IP/ IK	IP65 ( From front) /IK07	IP65 ( From front) /IK07	
Serviceability	Class B	Class B	
Working Temp.	- 10° to 45°C	- 10° to 45°C	
Insulation Class	Class I	Class I	
Mounting BO	M8 high tension rod	M8 high tension rod	
Mounting TO	M8 Bracket (40-100mm)	M8 Bracket (40-100mm)	
Life	50 K hrs.@45°C	50 K hrs.@45°C	
Driver	Fixed Output/ DALI	Fixed Output/ DALI	
Model Name	CR652B (2X2)		
Light Source	SMD LED Chip	SMD LED Chip	SMD LED Chip
Wattage	32 W	53 W	72 W
Lumen	3600	5600	7800
Efficacy	110 lm/W	105 lm/W	105 lm/W
CRI	≥ 80	≥ 80	≥ 80
SDCM	<5	<5	<5
CCT	4000 & 6500K	4000 & 6500K	4000 & 6500K
Input Voltage	140-240V AC	140-240V AC	140-240V AC
Diffuser	Acrylic, DME 70	Acrylic, DME 70	Acrylic, DME 70
THD	≤ 10%	≤ 10%	≤ 10%
PF	0.95	0.95	0.95
EMI/EMC	Yes	Yes	Yes
Surge Protection	4KV Inbuilt	4KV Inbuilt	4KV Inbuilt
IP/ IK	IP65 ( From front) /IK07	IP65 ( From front) /IK07	IP65 ( From front) /IK07
Serviceability	Class B	Class B	Class B
Working Temp.	- 10° to 45°C	- 10° to 45°C	- 10° to 45°C
Insulation Class	Class I	Class I	Class I
Serviceability	Class B	Class B	Class B
Mounting BO	M8 high tension rod	M8 high tension rod	M8 high tension rod
Mounting TO	M8 Bracket (40-100mm)	M8 Bracket (40-100mm)	M8 Bracket (40-100mm)
Life	50 K hrs.@45°C	50 K hrs.@45°C	50 K hrs.@45°C
Driver	Fixed Output/ DALI	Fixed Output/ DALI	Fixed Output /DALI

## Ordering Data

S.No	Type	Driver	12 NC	Ordering Code	Std Pck Size
1	TOCR 1x4	PSU	919515813942	CR652B LED36S-6500 PSU CA TO W30L120 WH	2
2			919515813943	CR652B LED36S-4000 PSU CA TO W30L120 WH	2
3			919515813944	CR652B LED60S-6500 PSU CA TO W30L120 WH	2
4			919515813945	CR652B LED60S-4000 PSU CA TO W30L120 WH	2
5		PSD	919515813948	CR652B LED36S-6500 PSD CA TO W30L120 WH	2
6			919515813949	CR652B LED36S-4000 PSD CA TO W30L120 WH	2
7			919515813950	CR652B LED60S-6500 PSD CA TO W30L120 WH	2
8			919515813951	CR652B LED60S-4000 PSD CA TO W30L120 WH	2

S.No	Type	Driver	12 NC	Ordering Code	Std Pck Size
1	BOCR 1x4	PSU	919515813954	CR652B LED36S-6500 PSU CA BO W30L120 WH	2
2			919515813955	CR652B LED36S-4000 PSU CA BO W30L120 WH	2
3			919515813956	CR652B LED60S-6500 PSU CA BO W30L120 WH	2
4			919515813957	CR652B LED60S-4000 PSU CA BO W30L120 WH	2
5		PSD	919515813960	CR652B LED36S-6500 PSD CA BO W30L120 WH	2
6			919515813961	CR652B LED36S-4000 PSD CA BO W30L120 WH	2
7			919515813962	CR652B LED60S-6500 PSD CA BO W30L120 WH	2
8			919515813963	CR652B LED60S-4000 PSD CA BO W30L120 WH	2

S.No	Type	Driver	12 NC	Ordering Code	Std Pck Size
1	Top Opening	PSU	919515813705	CR652B LED36S-6500 PSU CA TO W60L60 WH	2
2			919515813706	CR652B LED36S-4000 PSU CA TO W60L60 WH	2
3			919515813707	CR652B LED60S-6500 PSU CA TO W60L60 WH	2
4			919515813708	CR652B LED60S-4000 PSU CA TO W60L60 WH	2
5			919515813709	CR652B LED80S-6500 PSU CA TO W60L60 WH	2
6			919515813710	CR652B LED80S-4000 PSU CA TO W60L60 WH	2
7		PSD	919515813711	CR652B LED36S-6500 PSD CA TO W60L60 WH	2
8			919515813712	CR652B LED36S-4000 PSD CA TO W60L60 WH	2
9			919515813713	CR652B LED60S-6500 PSD CA TO W60L60 WH	2
10			919515813714	CR652B LED60S-4000 PSD CA TO W60L60 WH	2
11			919515813715	CR652B LED80S-6500 PSD CA TO W60L60 WH	2
12			919515813716	CR652B LED80S-4000 PSD CA TO W60L60 WH	2

S.No	Type	Driver	12 NC	Ordering Code	Std Pck Size
1	Bottom Opening	PSU	919515813755	CR652B LED36S-6500 PSU CA BO W60L60 WH	2
2			919515813756	CR652B LED36S-4000 PSU CA BO W60L60 WH	2
3			919515813757	CR652B LED60S-6500 PSU CA BO W60L60 WH	2
4			919515813758	CR652B LED60S-4000 PSU CA BO W60L60 WH	2
5			919515813759	CR652B LED80S-6500 PSU CA BO W60L60 WH	2
6			919515813760	CR652B LED80S-4000 PSU CA BO W60L60 WH	2
7		PSD	919515813761	CR652B LED36S-6500 PSD CA BO W60L60 WH	2
8			919515813762	CR652B LED36S-4000 PSD CA BO W60L60 WH	2
9			919515813763	CR652B LED60S-6500 PSD CA BO W60L60 WH	2
10			919515813764	CR652B LED60S-4000 PSD CA BO W60L60 WH	2
11			919515813765	CR652B LED80S-6500 PSD CA BO W60L60 WH	2
12			919515813766	CR652B LED80S-4000 PSD CA BO W60L60 WH	2

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