

**PHILIPS**

**CertaFlux**

**LED**

CertaFlux LED Panel 6060

CertaFlux LED BL Panel  
6060 MD3



## Datasheet

### CertaFlux BL LED Panel MD3

The Certaflux BL LED Panel MD3 is an economical LED panel which is available in several sizes to meet the different ceiling criteria. It can be very easily combined with a wide choice of drivers which gives the flexibility of different flux outputs and efficiencies.

#### Key features and benefits

- Efficacy up to 113 lm/W on module level
- Good light uniformity
- Good color rendering (CRI >80)
- Flexible lumen output due to wide driver choice
- 3 years system warranty
- Quick install connector is integrated
- Wide range of dimensions: 60x60; 30x120
- UGR =<19

June 2024



indirect

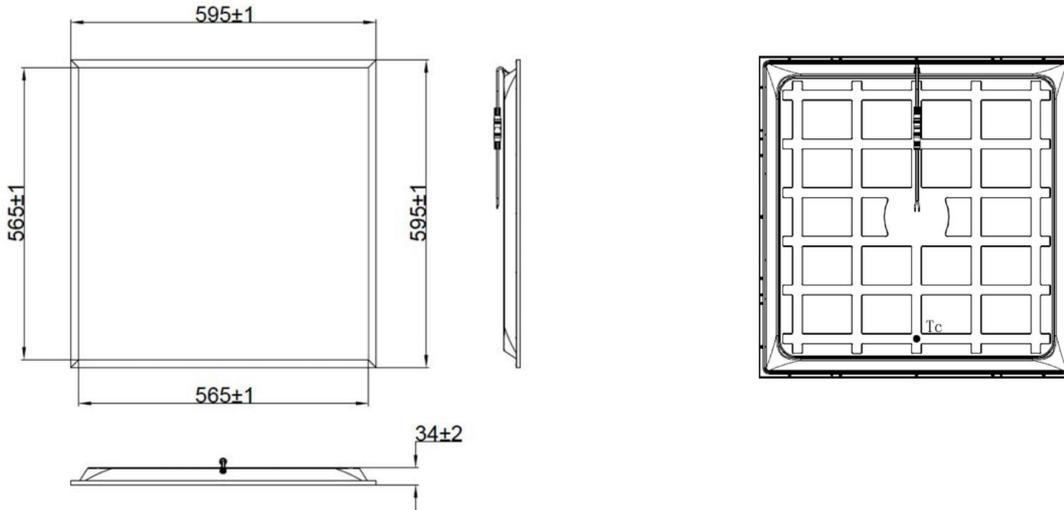


instant



## Mechanical characteristics

Parameter	Min	Typ	Max	Unit
Length	594	595	596	mm
Width	594	595	596	mm
Height panel	32	34	36	mm
Product mass		1200		gram

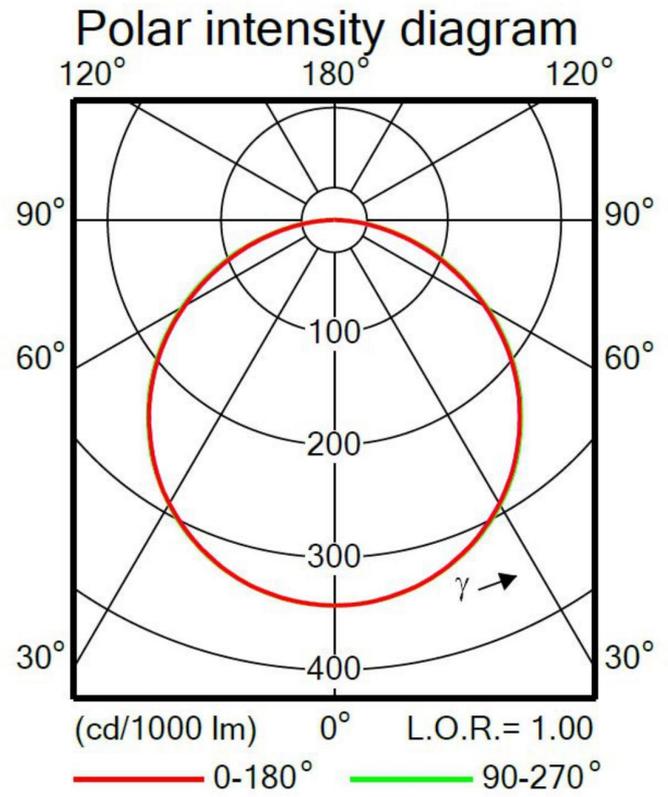


## Absolute ratings

Parameter	Min	Max	Unit
Current through the LED module (I-max)		115	mA
Case temperature (Tc-max)		80	°C
Power at rated Vf-max and I-max		44.0	W
ESD (direct contact)	8		kV
ESD (air)	15		kV
Working voltage		60	V <sub>dc</sub>
Ambient temperature	-10	45	°C
Storage temperature	-20	60	°C

## Beam shape

The Certa LED panel creates a 110° beam which meets requirement for office applications.



**PHILIPS**

CertaDrive

LED driver



## Datasheet

### CertaDrive Panel drivers – Low Ripple

CertaDrive 42W 1.05A 40V 230V I

9290 034 20680

#### Single current LED drivers for essential lighting applications.

CertaDrive LED panel drivers are designed to fulfill the market need for panel lighting with reliable performance. The new generation CertaDrive LED panel drivers offer basic specifications with specific current and voltage settings which are easy to use for high volume applications.

#### Benefits

- Various Vout/Iout mix for high volume applications
- Comfort for eyes and assurance of camera-friendly performance
- Easy to design-in with single output current
- Independent-version housing design for stand-alone installations

#### Features

- 50,000 hours lifetime @Tc-life
- SELV output for simpler approval process and easy design-in
- Fast Time to Market
- Low ripple output current (4%) Application

#### Application

- Panel application for office and public areas
- For luminaires of protection class II

# Module parameters

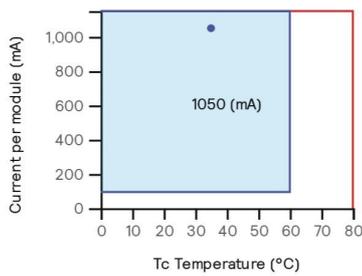


## CertaFlux LED BL Panel 6060 865 MD3

12NC: 929003911080

EOC: 694197064549200

Luminous flux:	4194 lm	CCT:	6500
Min. luminous flux:	3712 lm	CRI:	80
Input current:	1050 mA	Tc:	35 °C
Input voltage:	37.4 V	Thermal Power:	26 W
Input power:	42W	Thermal Power per LED:	0.6 W
Efficacy:	100 lm/W		
Maximum Vf:	41.1 V		



— Operating range

● Operating range

— Performance range

— I life 1150 (mA)

— Tc life 60 (C)

— I max 1150 (mA)

— Tc max 80 (C)

# Driver parameters

## CertaDrive 42W 1.05A 40V 230V I



12NC: 929003420680

EOC: 929002819780

[Download datasheet](#)

Output current:	1050 mA	Output voltage:	37.4 V
		Output Power	42W
		Isolation:	SELV
		Mounting:	Independent, Built-in
		Configurability	Single current
		Tc (life)	70 °C



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