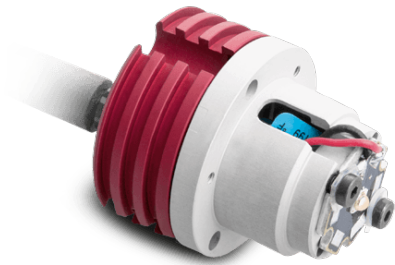




# LTSCHP3W-B | DATASHEET

## Replacement LED module 3W, blue



LTSCHP modules power several Opto Engineering® LED illuminators and feature excellent current stability. They are available in various colors and can be ordered as spare parts.



### SPECIFICATIONS

#### Lighting specifications

Light color, Peak wavelength		blue, 460 nm
Spectral FWHM	(nm)	25
Diffusive diameter	(mm)	-

#### Electrical specifications

Supply voltage <sup>1</sup>	(V)	12-24
Power consumption	(W)	4.5
Led forward voltage typical (max) <sup>2</sup>	(V)	3.3 (4.0)
Max led forward current <sup>3</sup>	(mA)	720
Max pulse current <sup>4</sup>	(mA)	2000
Connector		M8
Included cable		CB244P1500

#### Mechanical specifications

Diameter	(mm)	38.5
Length	(mm)	46.1

<sup>1</sup> Tolerance ±10%

<sup>2</sup> At max forward current. Tolerance is ± 0.06V on forward voltage measurements

<sup>3</sup> In continuous mode (not pulsed)

<sup>4</sup> At pulse width ≤ 10 ms and duty cycle ≤ 10%. Built-in electronics board must be bypassed (see tech info)

### NOTE

The compliancy with regulations is guaranteed only if the device is used as replacement part for Opto Engineering's products.

#### Environment

Operating temperature	(°C)	0-40
Storage temperature	(°C)	0-50
Operating relative humidity	(%)	20-85, non condensing
Installation		Indoor use only

#### Eye safety

Risk group (CEI EN 62471:2010)		Risk group 2
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### COMPATIBILITY

This products is compatible with:

- LTPRHP3W
- LTPRSMHP3W

### COMPATIBLE PRODUCTS

Full list of compatible products available [here](#).



A wide selection of innovative machine vision components.

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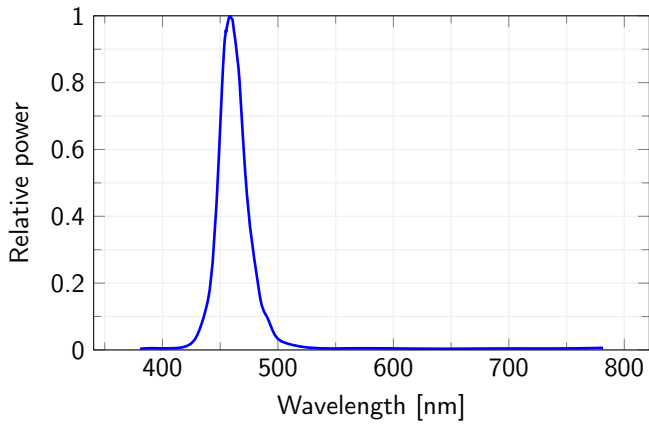
**CONNECTOR PINOUT**



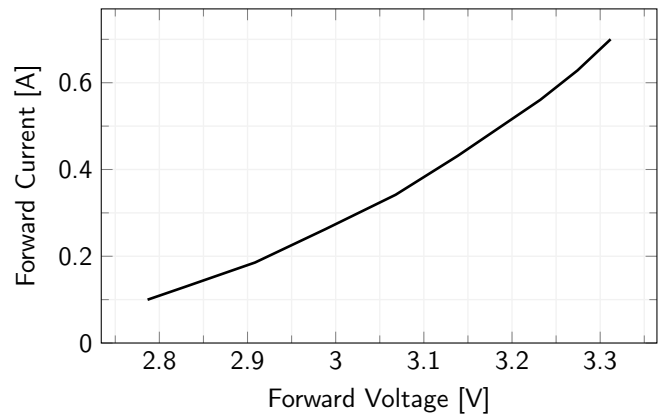
Device side

Pin	Function	Cable color
1	Earth	Yellow/Green
2	Ground	Black
3	Anode	Blue
4	Power supply (+12/24 V)	Brown

**LED color spectrum**



**Forward Current Characteristics**



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