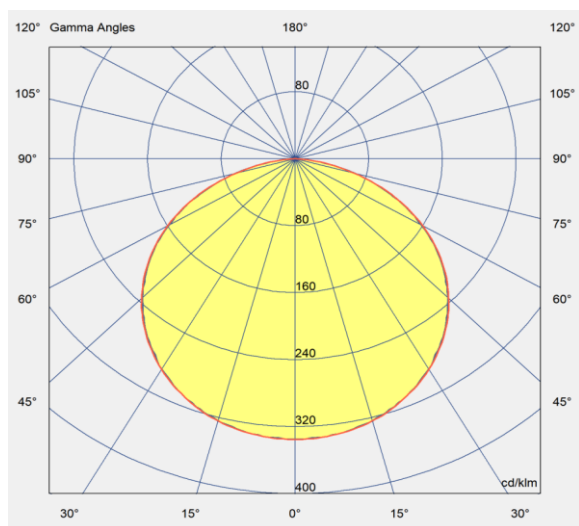


## Product sheet

### **MODULE PL1- PL2-BN-3000**

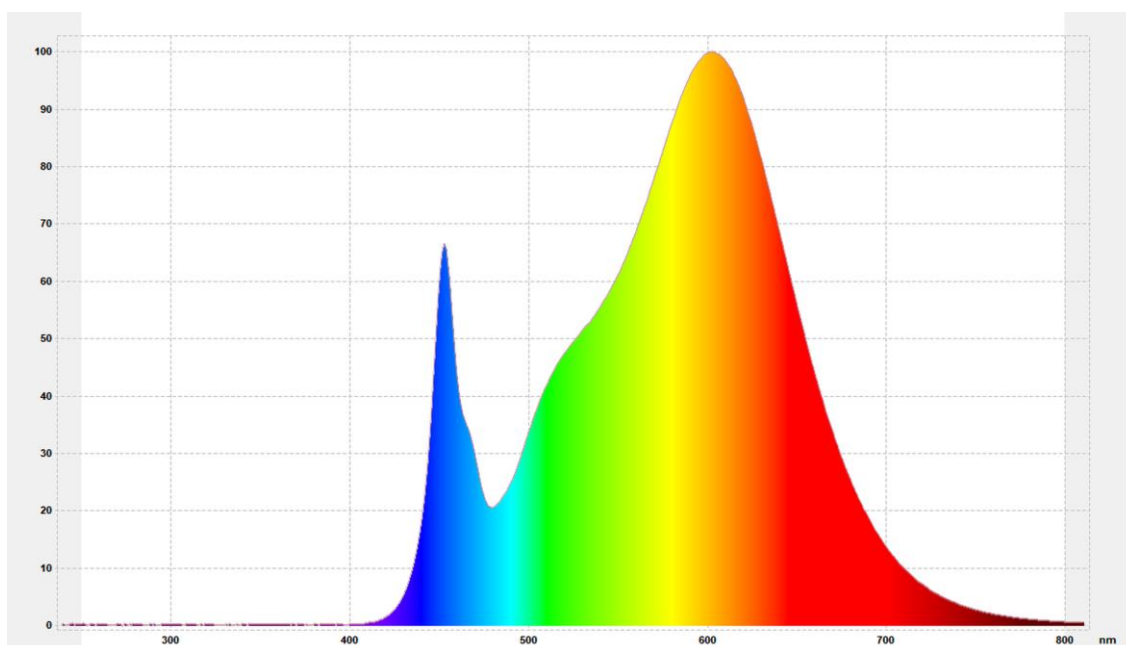


#### **Basic information**

- Useful luminous flux 1604 lm
- Luminous efficacy of the module 186 lm/W
- Average service life (L70B50) 80.000h
- Available 3000K, 4000K, 6500K
- Second independent light color 451nm

#### **Application**

-Industrial lighting



# Product sheet

## Electrical data

	White Channel	Blue channel
Nominal voltage	22V DC	12V DC
Nominal current	400 mA (max 720mA)	250mA
Power on mode	8.6W (15.8W max)	3.0W
Energy consumption	8.6kWh/1000h	3kWh/1000h

## Photometric data

Luminous efficacy	186 lm/W	18 lm/W
Total luminous flux	1604 lm	53 lm
Colour temperature CCT	3000K	-
Colour rendering index Ra	>80 R9-7.7	-
Dominant wave-length:	583nm	451nm
Angle of distribution	120°	120°
Colour consistency	3 SDCM	-
Excitation purity	-	97.90%
Chromaticity coordinates	x 0.4301 y 0.3994	x 0.1592 y 0.0253

## Other Information

Quantity and type of LEDs in the module	32pcs / DURIS E5	4pcs / OSCONIQ P2226
Connector type	SMDflat-435 conductor 0.2-0.75mm <sup>2</sup> / brazed pads	
Temperature of operation	-40...+90 ° C	
Storage temperature	-40.....90° C	
The maximum temperature at the tc point.	90° C	
Life	(L70B50) 80.000h	
Dimmable	yes	
Degree of protection	IP20	
Energy efficiency class	C	
Mercury content	0.0mg	
It does not contain mercury	yes	
WEEE Compliant Disposal	yes	
Standards	CE, RoHS	

## Dimensions

Length	584mm
Width	18mm
Height	2mm