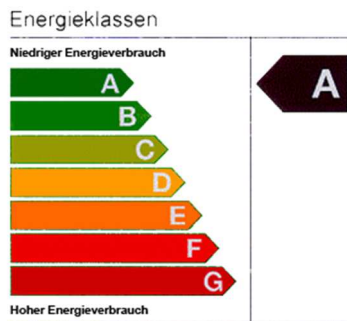


## PS-LEDL-XXXX

LED High Bay Light | 20.000 to 63.000 lm | Active cooling | 2.700 to 6.000 K | CRI 80 to 95



### Multifunctional:

20.000 to 63.000 lm (depends on the assembling)  
2.700 to 6.000 K color temperature  
app. 105 lm / Watt luminous efficacy  
80 to 95 CRI ( Color Rendering Index)  
Easy to change LEDiL-reflectors (spot, normal, wide, extra wide); with or without diffusor  
Photobiological safety test for SHARP Zenigata  
LED's EN 62471:2008  
Optional protective wire grid

## Product Benefits

- Can be assembled with different LEDs like Sharp, Bridgelux, Citizen...
- Fan Sunon with magnetic field technology, 70,000 hours of operating time
- Single phase 100 to 240 Vac | 50 / 60 Hz
- Capable of emergency lighting
- Ready for connection and includes a 2-meter cable
- Applications: e.g. Industries, Workshops, Halls up to 25 meters
- Optional DALI lighting control interface
- Made in Germany

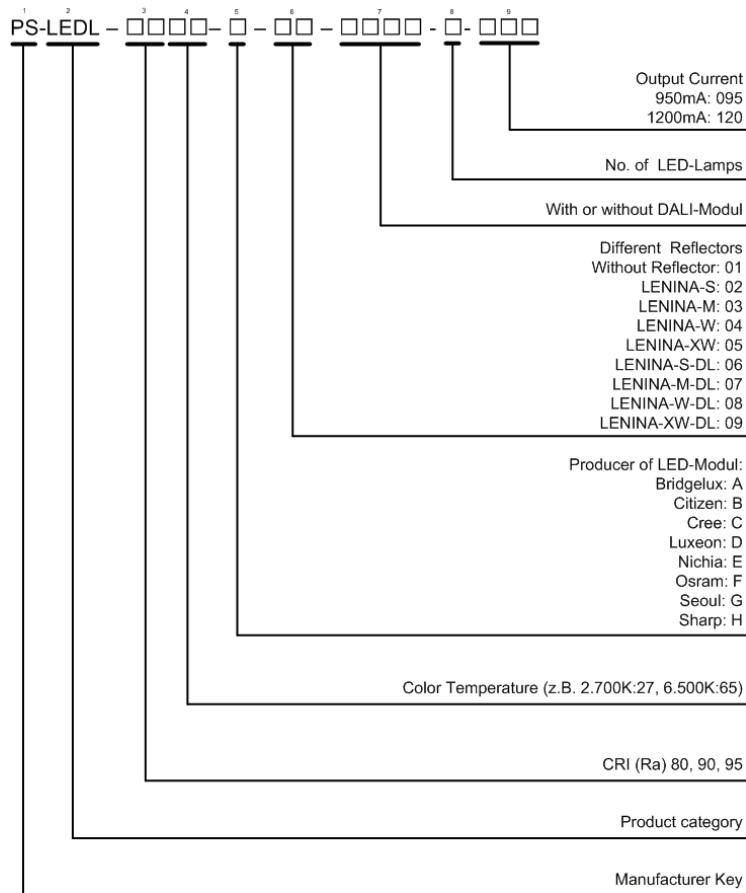
## Product Features

- High Bay light is cased compactly and flatly with light aluminum
- Absolutely flicker free with analog current dimming (No PWM)
- Corrosion-resistant aluminum case and stainless screws
- Modular design, can be equipped with various LED modules. (4 to 10 LED modules)
- Highly efficient electronic ballast with an efficiency of 92%
- Can also be used in e.g. rotating machines, drilling machines, turning centre  
- no optical resonance frequency. No strobe effect.
- LEDs are IP 66 protected (optional)
- 5 years of guarantee
- Total weight 6kg upwards

**PS-LEDL-XXXX**

LED High Bay Light | 20.000 to 63.000 lm | Active cooling | 2.700 to 6.000 K | CRI 80 to 95

**Order Key:**



Model No.	Lm	Po (W)	Kg	L (mm)
PS-LEDL-8050-H-01-10-120	63.172	697	15,5	890
PS-LEDL-8040-H-01-10-120	62.910	697	15,5	890
PS-LEDL-9050-H-01-10-120	48.945	697	15,5	890
PS-LEDL-9040-H-01-10-120	48.305	697	15,5	890
PS-LEDL-8050-H-01-8-120	50.538	558	11,5	720
PS-LEDL-8040-H-01-8-120	50.328	558	11,5	720
PS-LEDL-9050-H-01-8-120	39.156	558	11,5	720
PS-LEDL-9040-H-01-8-120	38.644	558	11,5	720
PS-LEDL-8050-H-01-6-120	37.903	418	10,0	550
PS-LEDL-8040-H-01-6-120	37.746	418	10,0	550
PS-LEDL-9050-H-01-6-120	29.367	418	10,0	550
PS-LEDL-9040-H-01-6-120	28.983	418	10,0	550
PS-LEDL-8050-H-01-4-120	25.269	297	6,0	380
PS-LEDL-8040-H-01-4-120	25.164	297	6,0	380
PS-LEDL-9050-H-01-4-120	19.578	297	6,0	380
PS-LEDL-9040-H-01-4-120	19.322	297	6,0	380

**PS-LEDL-XXXX**

LED High Bay Light | 20.000 to 63.000 lm | Active cooling | 2.700 to 6.000 K | CRI 80 to 95

**Technical Data**

**Electrical Data**

Nominal voltage	100 ~ 240 Vac
Input voltage range	100 ~ 264 Vac
Power frequency	50 / 60 Hz
Input voltage range DC	180 ~ 220 Vdc
Efficiency (Power Supply)	typ. 92 %
Power factor $\lambda$	>0,9

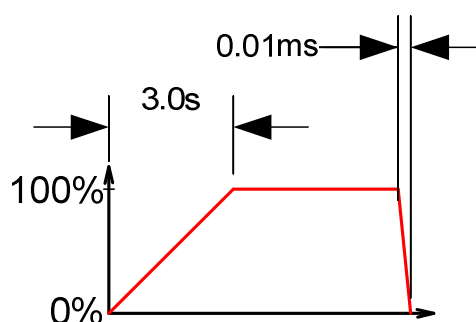
**Electrical Data for fan Sunon HA50151V4-000U-999**

Nominal voltage	12 Vdc
Input voltage range	6 ~ 13,8 Vdc
Nominal current	<52 mAdc
Output power	1 W max <sup>1</sup>
Audible noise	17 dB <sup>2</sup>
MTBF	70.000 Std @ 40°C

**Dimension and Weight**

Lenght	210 ~ 890 mm <sup>3</sup>
Width	380 mm
Height	150 mm <sup>3</sup>
Product weight	6,0 ~ 15,5 kg <sup>3</sup>
Surface appearance	Anodised
Installation	Ceiling installation, pendulum suspension
Adjustability	inclinable (optional)
Cable cross-section, input side	5 x 0,75 mm <sup>2</sup> DALI / 3 x 0,75 mm <sup>2</sup>
Leitungslänge	18 AWG H05VV-F 3G0.75 2 m <sup>4</sup>

**Rise and fall time characteristics**



**Explanation:**

1. Adjustable by customer
2. For each LED module
3. Measured at 1 meter distance at 12 Vdc
4. Depending on the model
5. Wires are stripped, cored and sleeved

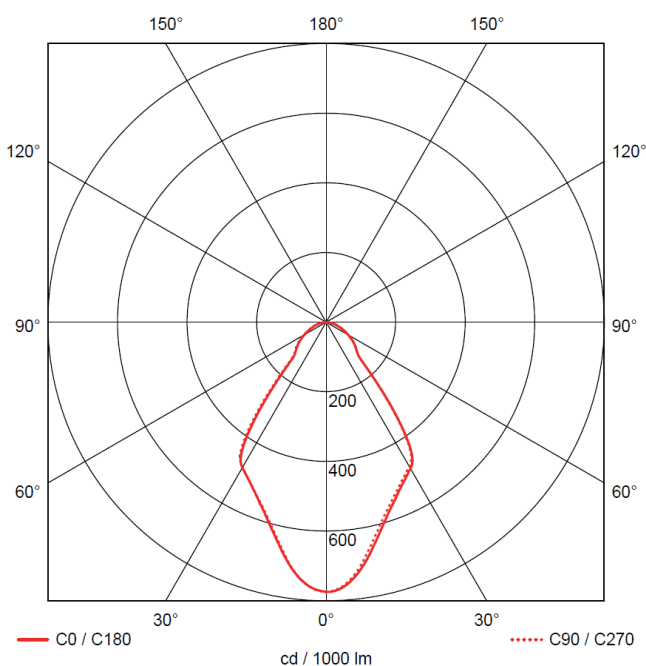
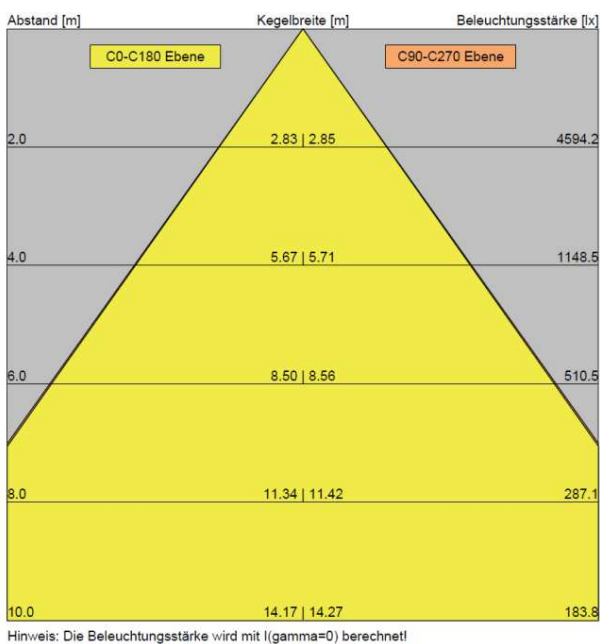
**PS-LEDL-XXXX**

LED High Bay Light | 20.000 to 63.000 lm | Active cooling | 2.700 to 6.000 K | CRI 80 to 95

**Technical Data**

**Light Data | Measured with the following components**

System Power	221 ~ 697W <sup>1</sup>
Luminous Efficiency	105 lm/W
System Efficiency	92 lm/W
Luminous Power	19.578 ~ 63.172 lm by 5000K
LED-Driver	PS-LEDP85-DALI-(1200mA)
Optic LED´s	Sharp Zenigata or others (see order key)
Light Color	5000K (other colors on demand)
CRI (Ra)	80 ~ 95



For our High Bay assembled with GW6DME40XFC and for other LEDs please check our webpage.

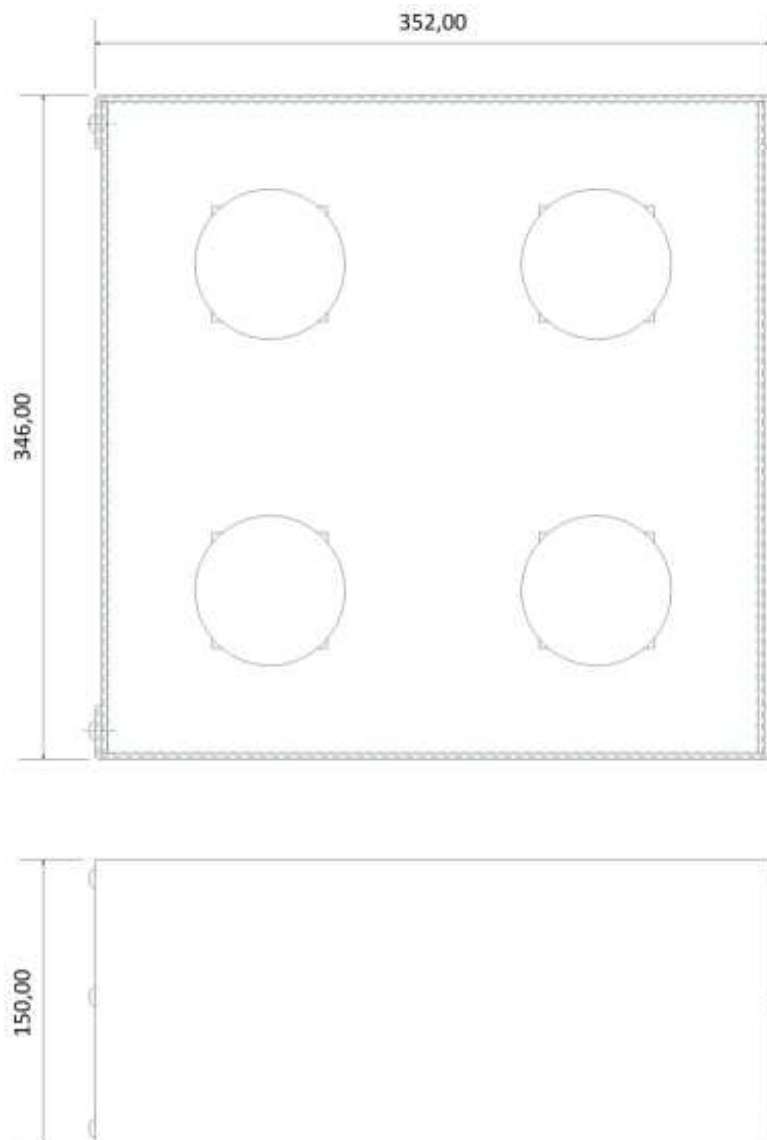
1. Measurement is done at  $T_a +19^\circ\text{C}$  after 45 minutes of warming up  
 Done by company Opsira GmbH ([Testreport here](#))  
 Potometric data [download here](#) (Relux, Dialux compatible)

## PS-LEDL-XXXX

LED High Bay Light | 20.000 to 63.000 lm | Active cooling | 2.700 to 6.000 K | CRI 80 to 95

### Technical Data

Product graphics | equipped with 4 LED modules

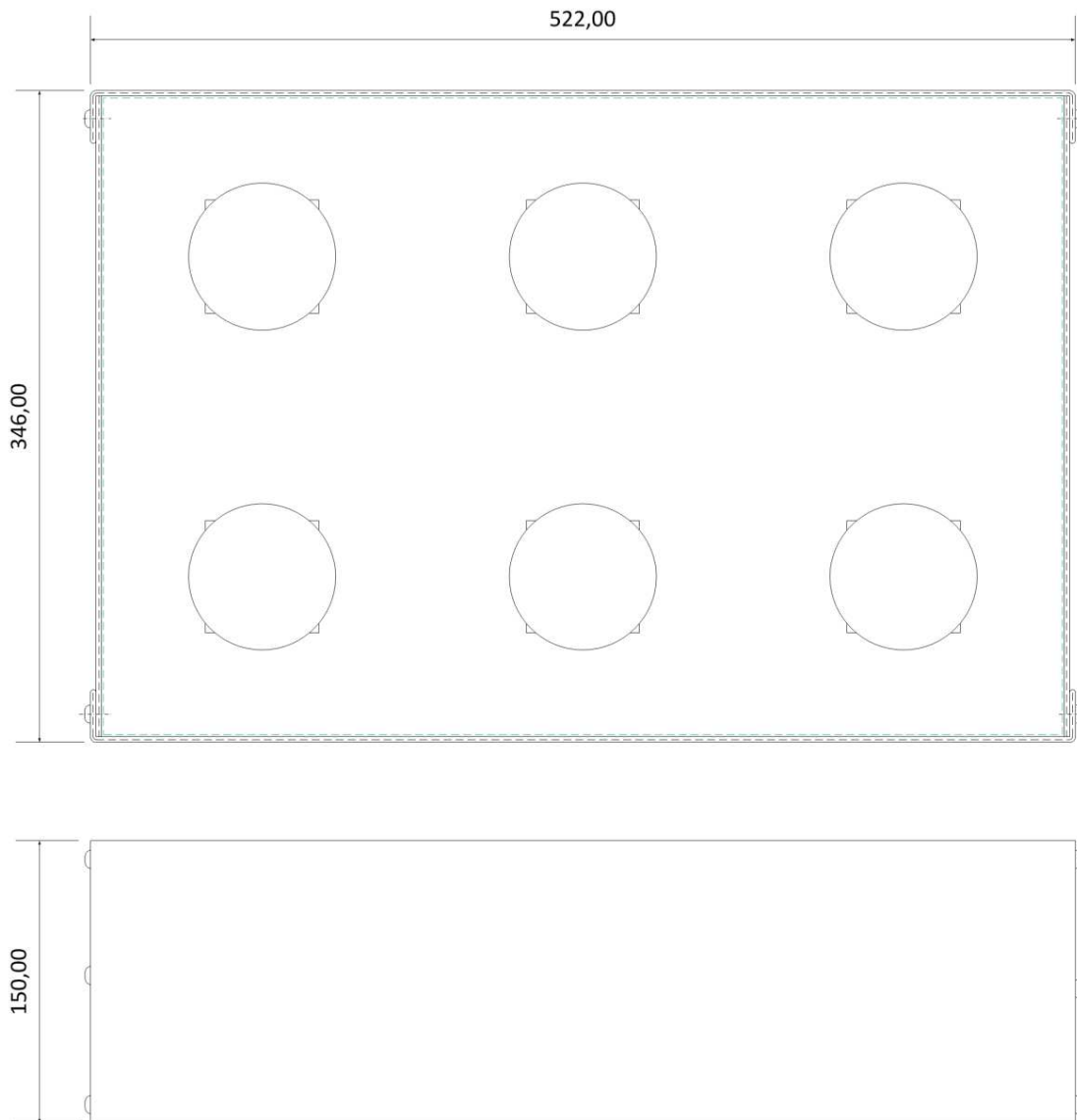


**PS-LEDL-XXXX**

LED High Bay Light | 20.000 to 63.000 lm | Active cooling | 2.700 to 6.000 K | CRI 80 to 95

**Technical Data**

**Product graphics | equipped with 6 LED modules**

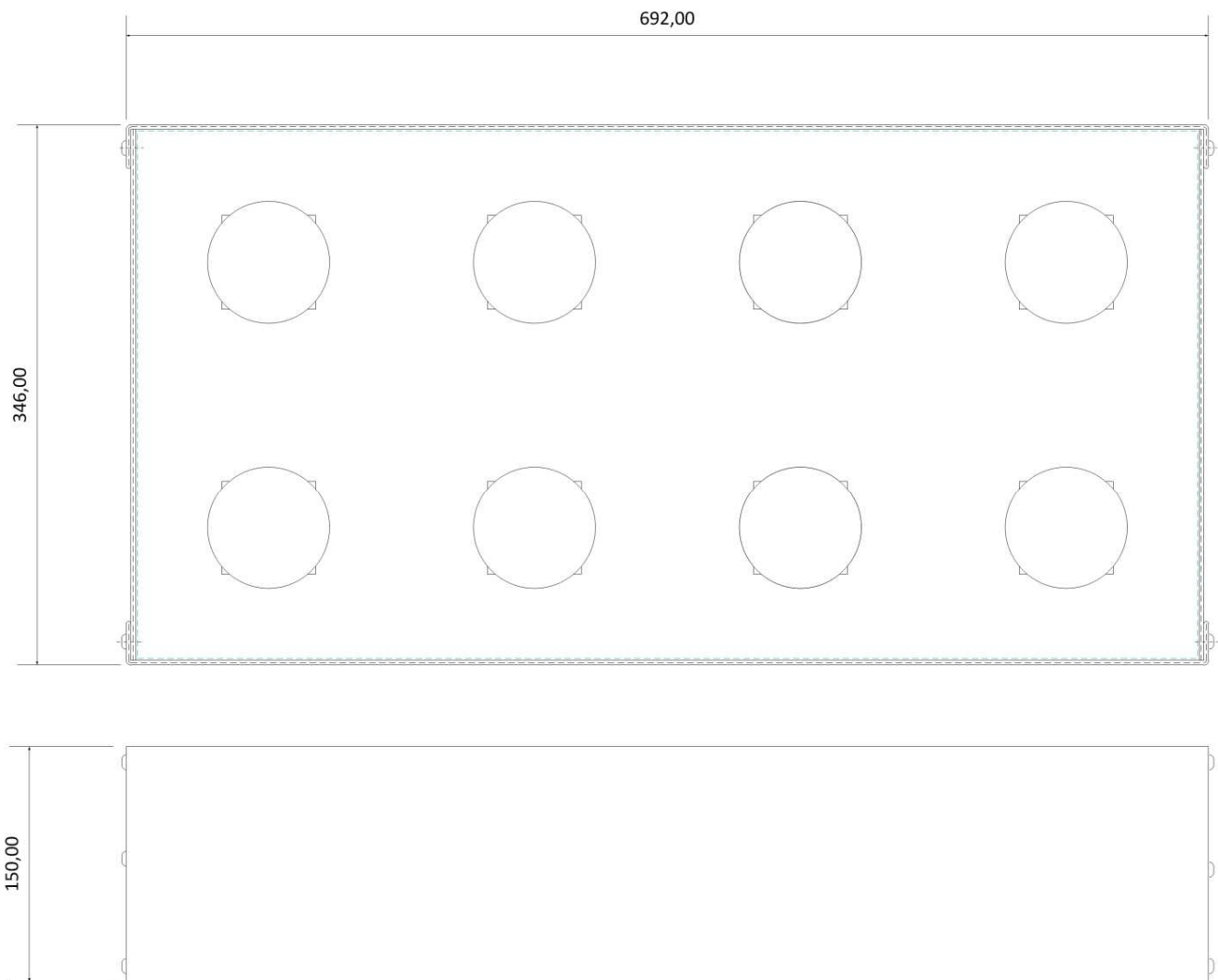


**PS-LEDL-XXXX**

LED High Bay Light | 20.000 to 63.000 lm | Active cooling | 2.700 to 6.000 K | CRI 80 to 95

**Technical Data**

**Product graphics | equipped with 8 LED modules**

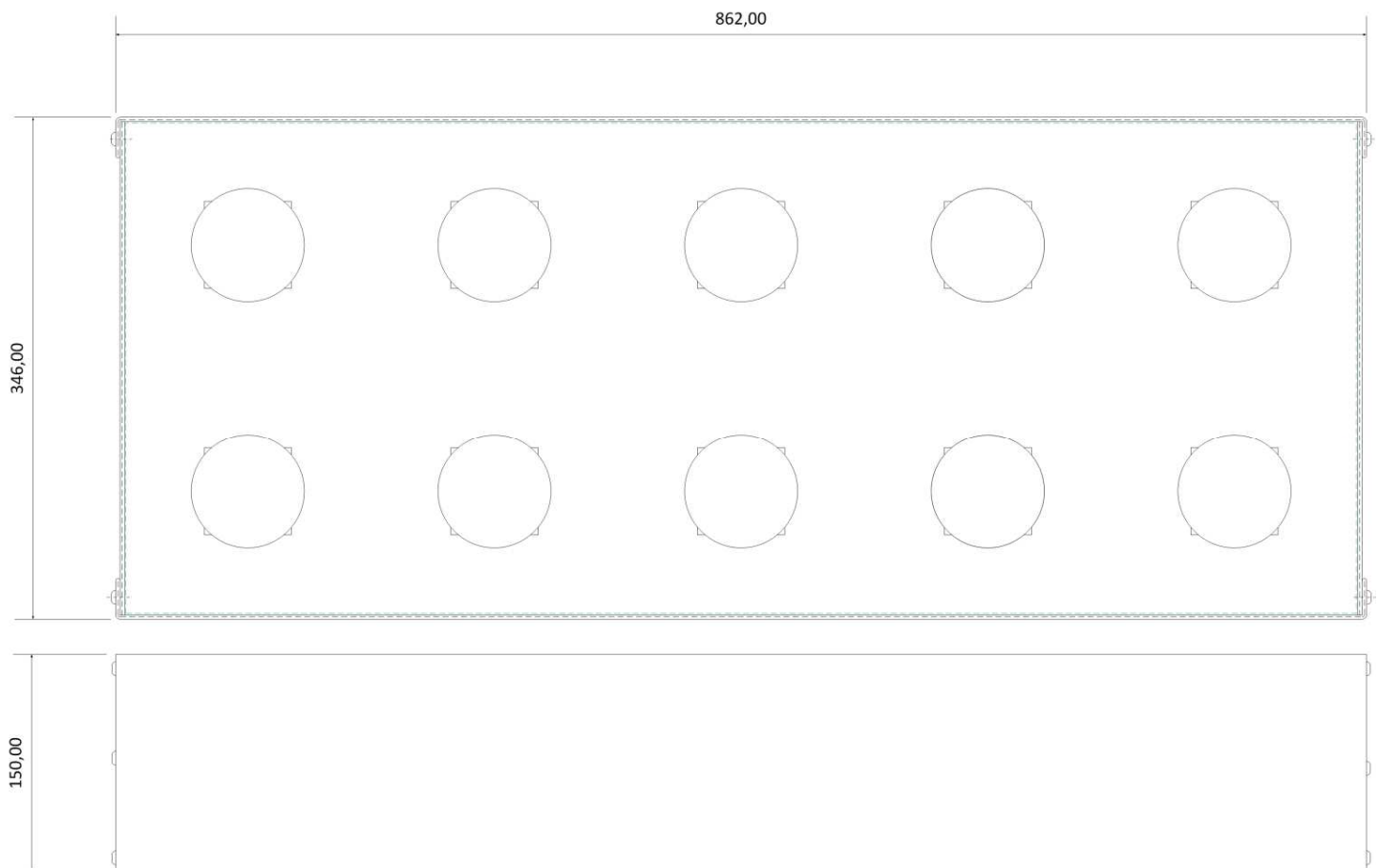


## PS-LEDL-XXXX

LED High Bay Light | 20.000 to 63.000 lm | Active cooling | 2.700 to 6.000 K | CRI 80 to 95

### Technical Data

Product graphics | equipped with 10 LED modules





**PS-LEDL-XXXX**

LED High Bay Light | 20.000 to 63.000 lm | Active cooling | 2.700 to 6.000 K | CRI 80 to 95

**Technical Data**

**Temperatures**

Operating ambient temperature range	-20°C ~ +50°C
Storage temperature range	-20°C ~ +80°C
Max. temperature at tc test point	+50°C
Operating humidity rage	5% to 80%
Storage humidity rage	5% to 90%

**Temperatures Fan Sunon HA50151V4-000U-999**

Operating ambient temperature range	-20°C ~ +50°C
Storage temperature range	-25°C ~ +80°C
Max. temperature at tc test point	+50°C
Operating humidity rage	5% to 80%
Storage humidity rage	5% to 90%

**MTBF Fan Sunon HA50151V4-000U-999**

Volllast @ 40°C	70.000 h
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**Capabilities**

Dimming interface	DALI (Adderes Count.: 1) <sup>1</sup>
Dimming range	3 ~ 100 %
Max. wiring lenght driver / lamp	400 m
Overcurrent protection	Automatic re-engagement
Overvoltage protection	Yes
Short-circuit protection	Yes
Suitable for fixture with protection class	I / II

**Certificates and standards**

CE	EN61347-1, 'EN61347-2-13
CIE	EN62471:2008
CQC	CCC
Protection Class	IP20 (IP66 Optional for LED)

**Reliabilities:**

MTBF	70.000 Std. @25°C (MIL-HDBK-217F)
Drop test	TBD
Vibration test	TBD

## PS-LEDL-XXXX

LED High Bay Light | 20.000 to 63.000 lm | Active cooling | 2.700 to 6.000 K | CRI 80 to 95

### Wiring diagram



### Additional accessories



- Model: PS-LEDP-ADAPTER-1
- Connection options
  - Motion detector
  - Ambient brightness sensor
  - Anti aging sensor
- <http://www.power-systems.de/produkt-details/?product=1247>

## PS-LEDL-XXXX

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LED High Bay Light | 20.000 to 63.000 lm | Active cooling | 2.700 to 6.000 K | CRI 80 to 95

### Disclaimer

Subject to change without prior notice. Please ensure that you have the most recent release.  
Please find our terms and conditions here: [AGB](#).

### Contact details

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