

# PCLED 50



50W white LED Plano Convex spotlight, suitable to the most comprehensive uses. Adjustable beam from 8° to 80°

PROVISIONAL DATASHEET



## TECHNICAL SPECIFICATIONS



ENTERTAINMENT



ARCHITECTURAL



GREENLINE

### PCLED 50

Ideal for installation where energy saving and maintenance cost reduction are important: shop windows, malls, museums, exhibitions, art galleries and rental companies, but also: small TV studios, photographer etc.

Light output higher than 300W halogen lamps.

- |   |   |
|---|---|
| <input type="checkbox"/> Halogen, Mains       | <input checked="" type="checkbox"/> LED White |
| <input type="checkbox"/> Halogen, Low Voltage | <input type="checkbox"/> LED Tunable White    |
| <input type="checkbox"/> Discharge            | <input type="checkbox"/> LED RGB              |
|   | <input type="checkbox"/> LED RGBW             |

*All the world is a stage.*



**SPOTLIGHT**  
professional lighting for the performing arts

# PCLED 50

High efficiency, long lasting, innovative white light source with DMX and local dimming control.



PROVISIONAL DATASHEET

- ✓ Adjustable beam from 8° hot spot to 80° even wide flood
- ✓ Light output higher than the usual 300W halogen lamps, with energy saving and less heat production
- ✓ Life, at least 10 times longer than any halogen lamp: saving the cost of the lamp and of its replacement
- ✓ No dangerous UV or IR rays for the safe lighting of the people and objects
- ✓ Extra long life of any coloured filters thanks to the cold and clean light beam
- ✓ Different colour temperature versions available with the same long life of the source (3000K, 4000K, 5600K)
- ✓ Possibility of dimming, without the problem of changing the colour temperature
- ✓ Real further energy saving when dimming: as the reduction of light corresponds to the real reduction of the costs
- ✓ Clean light source without mercury and radioactive components
- ✓ Use of the same accessories of the standard mini range (barn door, filter holder, hooks, etc)

## VERSIONS

3 different colour temperature LEDs:

- warm white: for the best colour rendering and matching with halogen sources (3000K) (★)
- natural white: the best compromise between the other two versions (4000K) (★)
- cool white: for the highest light efficiency (5600K) (★)

Optional custom configuration:

- external power supply: in order to reduce the size of the luminaire in the exhibit area and/or cost saving, the fixtures can be supplied with a remote power supply for one or more units
- white, real silver and other RAL colours on request

## ACCESSORIES

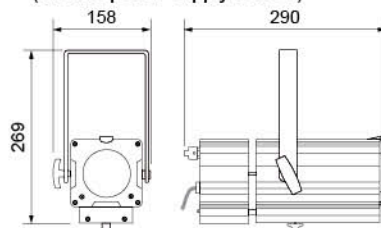
- Colour filter frame
- 4 leaf barn door
- Hook for 50 mm. trusses
- Hook for mini trusses
- Floor/wall mounting base
- Adaptor for electric tracks

## ELECTRICAL SPECIFICATIONS

50W, 100-240V, 50/60Hz

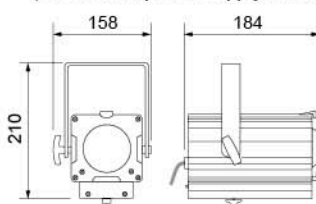
## DIMENSIONS (mm) AND WEIGHT

(internal power supply version)



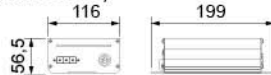
Kg 3,0

(for external power supply version)



Kg 2,0

(remote PSU)



Kg 0,6

## PHOTOMETRIC DATA (★)

Warm White version

Lux	5.625	1.406	625	352	225
ø (m)	0,3	0,6	0,8	1,1	1,4
8°					
	Dist. (m)	2	4	6	8

Lux	315	79	35	20	13
ø (m)	3,4	6,7	10,1	13,4	16,8
80°					
	Dist. (m)	2	4	6	8

(★) (performance according to LED available on December 2013)

Spotlight Srl - Via Sardegna 3 - 20098 - S. Giuliano Milanese - Milano - Italy  
Tel. +39 02 98 83 055 - Fax +39 02 98 83 056 - sales@spotlight.it - www.spotlight.it