

# FRESNELED 50

A family of Fresnel luminaires with 50W white LED chip available in a wide bunch of options, suitable to the most comprehensive uses. Adjustable beam from 12° to 76°



## TECHNICAL SPECIFICATIONS



ENTERTAINMENT



ARCHITECTURAL



GREENLINE

## FRESNELED 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

# FRESNELED 50

High efficiency, long lasting, innovative white light source, available in two versions: with DMX and local dimming control, or dimmable from the mains.



- ✓ Adjustable beam from 12° hot spot to 76° 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 AND OPTIONS

Two versions are available:

- DMX control version: it can be controlled through DMX or a local potentiometer without need of any external dimmer
- Mains dimmable plug in version: it can work and control the light output under a dimmable line as any normal halogen fixture

All the versions can be supplied with 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

## ELECTRICAL SPECIFICATIONS

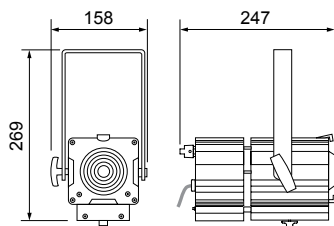
50W, 100-240V, 50/60Hz

## 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

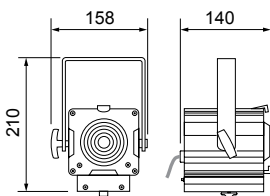
## DIMENSIONS (mm) AND WEIGHT

(internal power supply version)



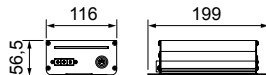
Kg 2,5

(for external power supply version)



Kg 1,5

(remote PSU)

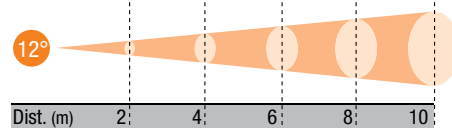


Kg 0,6

## PHOTOMETRIC DATA (★)

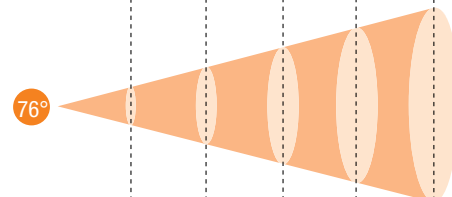
Cool White version

Lux	4.112	1.028	457	257	164
ø (m)	0,4	0,8	1,3	1,7	2,1



Dist. (m)	2	4	6	8	10
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Lux	410	103	46	26	16
ø (m)	3,1	6,3	9,4	12,5	15,6



Dist. (m)	2	4	6	8	10
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(★) (performance according to LED available on January 2014)

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