

PHOS 15 LT is a compact LED projector with a big impact. The smallest system in our product range is suitable for dry indoor environments and can be flexibly attached to 3-circuit lighting tracks. The compact size makes it easy to install PHOS 15 LT without attracting attention and project a surprising outcome. Its performance will convince you, because the light of the 15 watt LED is focused by a special lens. Possible locations include the point-of-sale, shop windows or bars. The projection motif (gobo) can be changed without tools.

Construction

housing: aluminium, steel, powder coated
 weight (standard equipment): 1.9 kg | 4.19 lbs
 On / Off switch: not available
 IP-rating of the housing IP 20

Operating Conditions

application area dry interiors, track lighting
 ambient temperature: -30°C - +35°C
 cooling: passive, noiseless, 0 dBA

Light Source and Optics

light source: High Power LED, 15 W
 luminous flux of the projector: 716 lumens
 efficiency: 34 lumens / watt
 colour temperature: 6,300 – 6,700 K
 colour rendering index: Ra >70
 estimated lifetime of the LED (L70): 35,000 operating hours
 projection lens: Standard Lens, f=85 mm (included)
 gobo size / image size: Ø 30.0 mm / Ø 20.0 mm
 photobiological safety (ICE62471-5:2015, EN62471-5:2015): RG-2

Electrical Specifications

input voltage: 220 - 240V AC, 50/60 Hz
 power consumption: 21 W
 power factor: 0.7 cos. φ
 electrical protection class: I
 max. number of devices per circuit breaker B16A/C16A: 50/85
 device is dimmable: no

Item No.: 20015210 (white), 20015220 (black), 20015230 (silver)

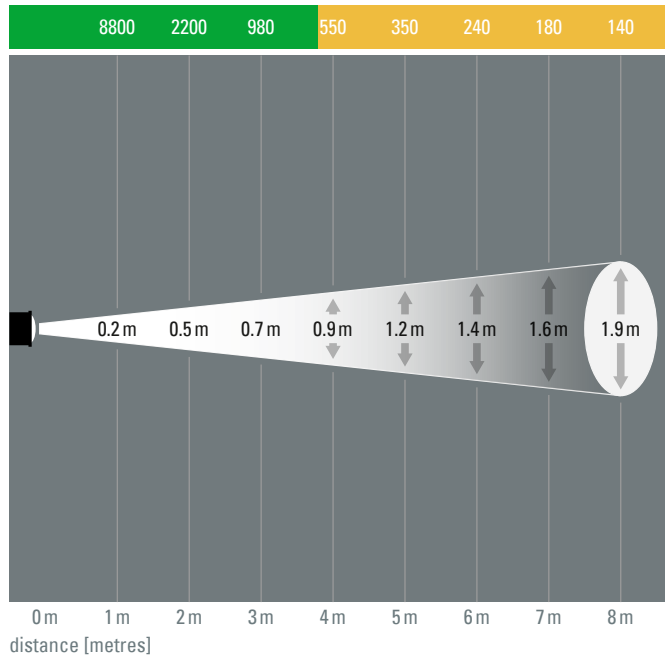
Additional Accessories: individual glass gobo according to your digital artwork



PHOS 15 LT – Photometric Diagrams

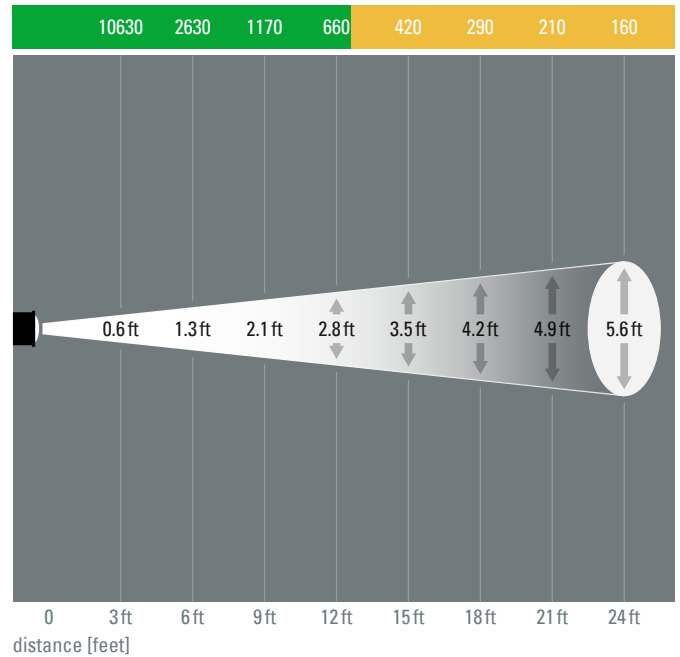
PHOS 15, Standard Lens, f = 85 mm, 13°

illuminance [lux]



PHOS 15, Standard Lens, f = 85 mm, 13°

illuminance [lux]



Brightness Colour Coding:

- = with standard room lighting, suitable for coloured motifs
- = in low-light rooms, for motifs without colour
- = recommended only in darkened rooms

- The results shown are approximate values. The result may differ slightly in reality.
- The projection sizes indicate the maximum diameter that can be projected with a Ø 20 mm image.
- The projection motif is circular and fills the image area of the gobo. Other objects, e.g. rectangles or texts are fitted into the circular projection area.
- The projection is at right angles to the projection surface.

Detailed projection calculator at: www.derksen.de

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