

SPECIFICATIONS

Item:	PHOS 15
Body:	Aluminium
Available Colours:	White / Black / Silver
Weight:	1.9 kg
On / Off Switch:	Not Available
Environmental Conditions:	For Indoor Use Only
Pivot Range:	Approx. 320° Vertical
Cooling:	Passive, Noiseless
Light Source:	15 W High-Power LED
Recommended Projection Distance in Normal Room Light:	2 m
Recommended Projection Distance in Darkness:	4 m
Average Lifetime of the LED:	35,000 Operating Hours
Colour Temperature:	6,500 - 8,000° Kelvin
Luminous Flux of the LED:	860 Lumens
Gobo Size / Image Size:	Ø 37.5 mm / Ø 20.0 mm
Voltage:	100 - 240 V AC / 50 - 60 Hz
Active Power (Power Consumption):	14 W
Apparent Power:	35 VA
Efficiency:	0.4 cos. φ
Electrical Protection:	Protection Class I
Item Number:	
White:	20015110
Black:	20015120
Silver:	20015130

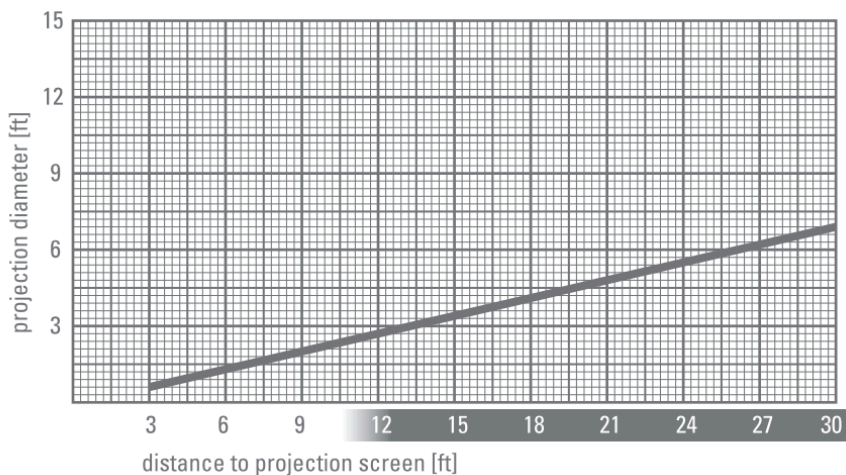
PHOS 15 is the smallest projector in our product range. Its performance will astonish you with its recommended range of up to 2 metres in normal room lighting. The device is suitable for dry indoor environments and can optionally be mounted on tabletops, shelves, ceilings or walls. The compact size makes it easy to install PHOS 15 without attracting attention. Possible locations include bars, lounges, shop windows or rack structures. The projection motif (gobo) can be changed without tools.



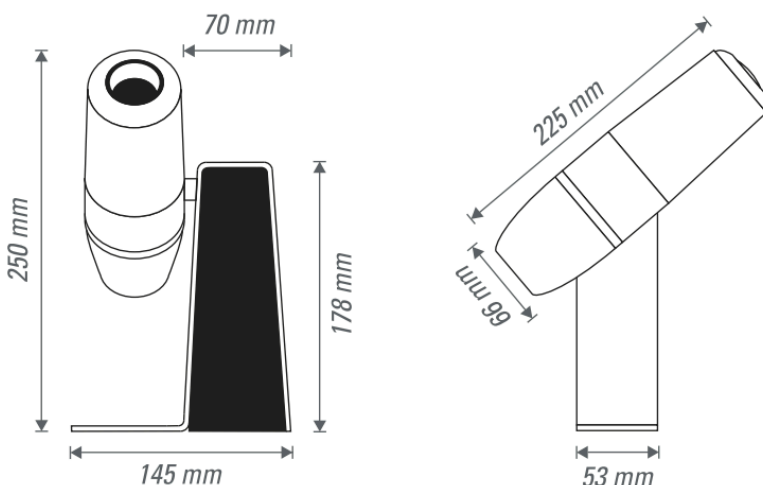
COMPONENTS

Standard series with high power LED, 85 mm standard lens, mounting plate for standing or fixing to walls or ceilings, power cable with plug. The machine is ready to plug in and run. Required accessories: glass gobo with individually designed motif.

PROJECTION DIAMETER WITH INCREASING DISTANCE



MEASUREMENTS / DIMENSIONS



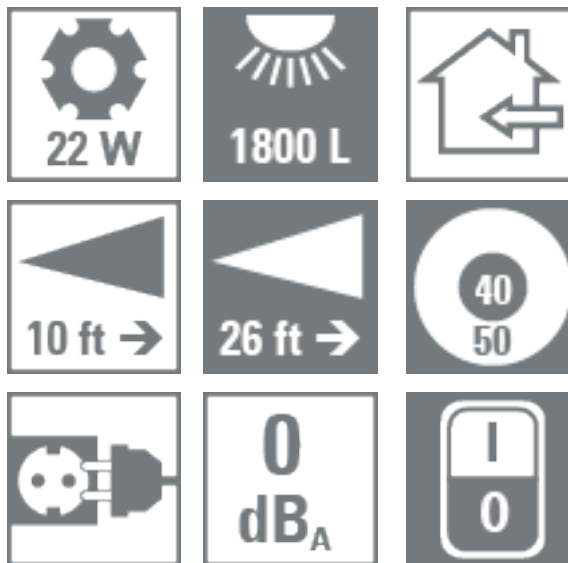
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CE IP 20



We reserve the right to make technical and optical modifications. Our general terms and conditions apply.



SPECIFICATIONS

Item:	PHOS 25
Body:	Steel / Aluminium
Available Colours:	White / Black / Silver
Weight:	2.95 kg
On / Off Switch:	on the Rear Side of the Device Foot
Environmental Conditions:	For Dry Indoor Environments Only
Ambient Temperature:	- 30° C – + 35° C
Cooling:	Passive, Cooling
Noise Level:	0 dBA
Light Source:	22 W High-Power LED
Recommended Projection Distance in Normal Room Light:	2 m / 6.6 ft
Recommended Projection Distance in Darkness:	6 m / 20 ft
Average Lifetime of the LED (L70):	35,000 Operating Hours
Colour Temperature:	6,300 - 6,700° Kelvin
Luminous Flux of the LED:	1,800 Lumens
Gobo Size / Image Size:	Ø 50.0 mm / Ø 40.0 mm
Voltage:	220 - 240 V AC / 50 - 60 Hz
Active Power (Power Consumption):	25 W
Efficiency:	0.6 cos. φ
Electrical Protection:	Protection Class I
Ingress Protection Rating:	IP 20
Photobiological Safety:	ICE62471:2006 EN62471:2008: RG-2
Item Number:	
White:	20025110
Black:	20025120
Silver:	20025130

PHOS 25 is equipped with the latest LED technology and is passively cooled without a fan. This budget-priced entry level model is suitable for dry indoor environments and can optionally be mounted on tabletops, shelves, ceilings or walls. For its 22 watts High-Power LED we recommend a projection distance of 6.6 feet in normal room lighting. The projector is perfect for applications in small shops, doctors' offices and chemist's shops, where an operation with low heat emission is essential. The projection motif (gobo) can be changed without tools.

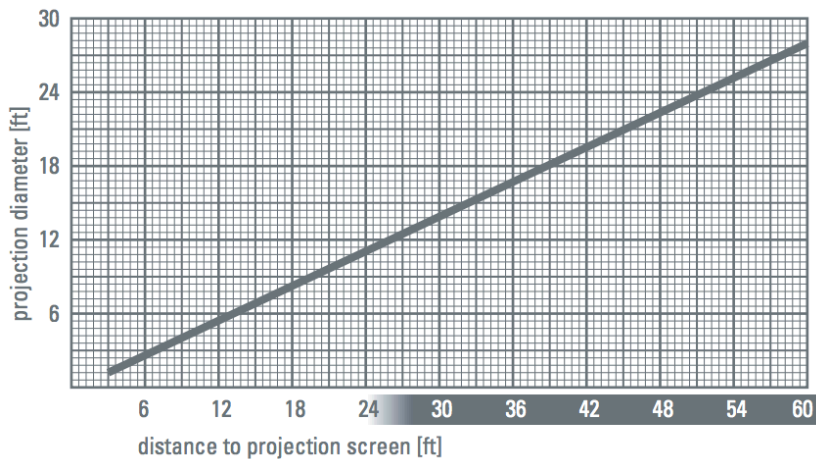


COMPONENTS

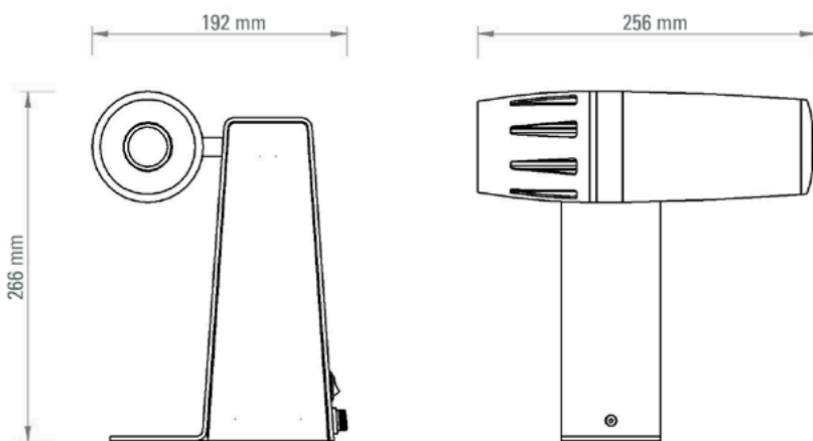
Standard series with high power LED, 85 mm standard lens, mounting plate for standing or fixing to walls or ceilings, power cable with plug. The machine is ready to plug in and run. Required accessories: glass gobo with individually designed motif.

PROJECTION DIAMETER WITH INCREASING DISTANCE

Standard Lens, $f = 85 \text{ mm}$



MEASUREMENTS / DIMENSIONS



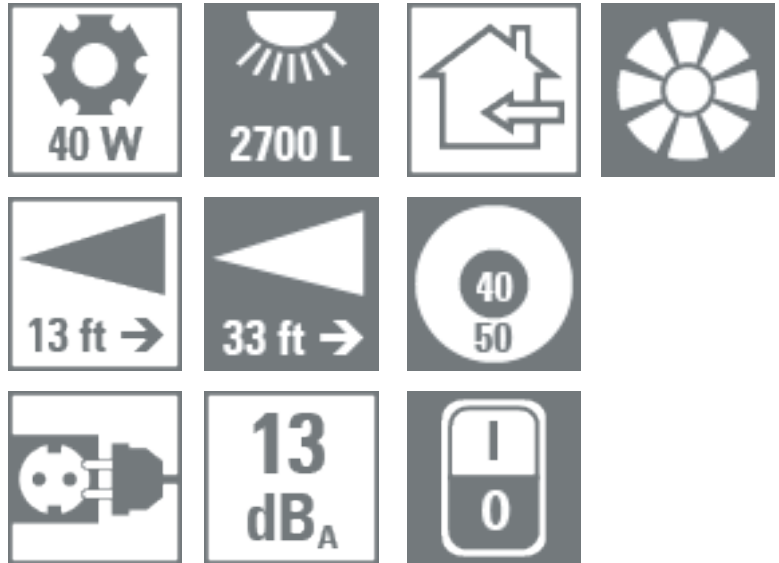
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SPECIFICATIONS

Item:	PHOS 45
Body:	Steel / Aluminium
Available Colours:	White / Black / Silver
Weight:	3 kg
On / Off Switch:	on the Rear Side of the Device Foot
Environmental Conditions:	For Dry Indoor Environments Only
Ambient Temperature:	- 30° C – + 35° C
Cooling:	Active Cooling, Fan
Noise Level:	13 dBA
Light Source:	40 W High-Power LED
Recommended Projection Distance in Normal Room Light:	3 m / 9.8 ft
Recommended Projection Distance in Darkness:	8 m / 26 ft
Average Lifetime of the LED (L70):	35,000 Operating Hours
Colour Temperature:	6,300 - 6,700° Kelvin
Luminous Flux of the LED:	2,700 Lumens
Gobo Size / Image Size:	Ø 50.0 mm / Ø 40.0 mm
Voltage:	220 - 240 V AC / 50 - 60 Hz
Active Power (Power Consumption):	43 W
Efficiency:	0.85 cos. φ
Electrical Protection:	Protection Class I
Ingress Protection Rating:	IP 20
Photobiological Safety:	ICE62471:2006 EN62471:2008: RG-2
Item Number:	
White:	20045110
Black:	20045120
Silver:	20045130

The 40 watt High-Power LED of PHOS 45 is sufficiently cooled by a noise-optimised fan and provides extra power. The device can be installed in dry indoor environments, optionally on tabletops, shelves, ceilings or walls. Despite its compact design, the projector delivers superior brightness. The recommended projection distance in normal room lighting is 10 feet, in darkness up to 26 feet. PHOS 45 is recommended for environments like salesrooms, service halls, trade fairs and museums. The projection motif (gobo) can be changed without tools.

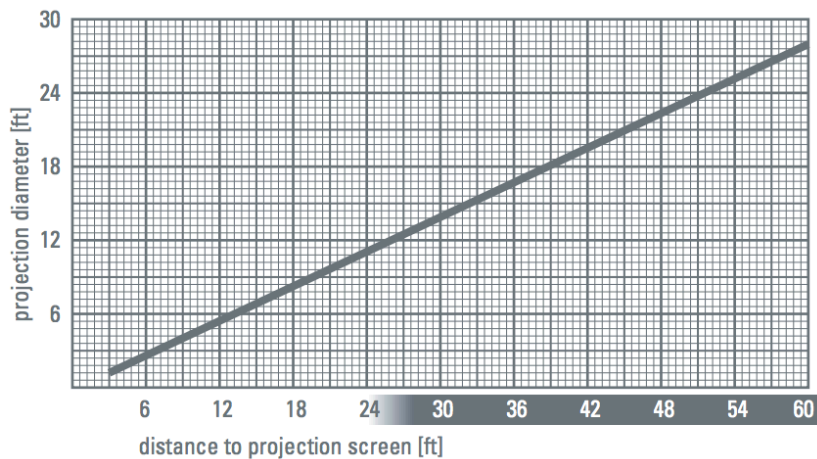


COMPONENTS

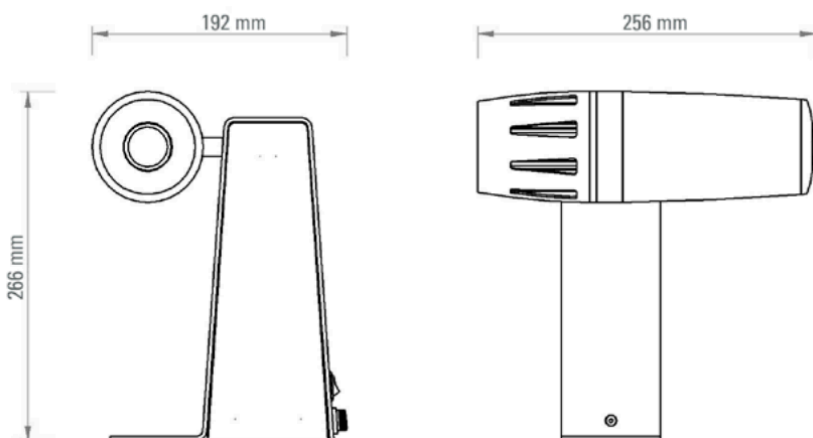
Standard series with high power LED, 85 mm standard lens, mounting plate for standing or fixing to walls or ceilings, power cable with plug. The machine is ready to plug in and run. Required accessories: glass gobo with individually designed motif.

PROJECTION DIAMETER WITH INCREASING DISTANCE

Standard Lens, $f = 85 \text{ mm}$



MEASUREMENTS / DIMENSIONS



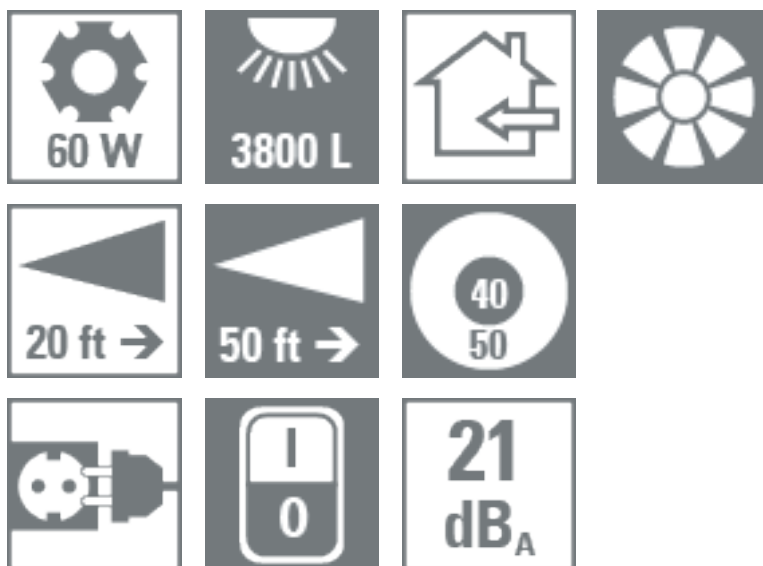
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SPECIFICATIONS

Item:	PHOS 65
Body:	Steel / Aluminium
Available Colours:	White / Black / Silver
Weight:	3.2 kg
On / Off Switch:	on the Rear Side of the Device Foot
Environmental Conditions:	For Dry Indoor Environments Only
Ambient Temperature:	- 30° C – + 35° C
Cooling:	Active Cooling, Fan
Noise Level:	21 dBA
Light Source:	60 W High-Power LED
Recommended Projection Distance in Normal Room Light:	4 m / 13 ft
Recommended Projection Distance in Darkness:	10 m / 33 ft
Average Lifetime of the LED (L70):	25,000 Operating Hours
Colour Temperature:	6,300 - 6,700° Kelvin
Luminous Flux of the LED:	3,800 Lumens
Gobo Size / Image Size:	Ø 50.0 mm / Ø 40.0 mm
Voltage:	220 - 240 V AC / 50 - 60 Hz
Active Power (Power Consumption):	62 W
Efficiency:	0.8 cos. φ
Electrical Protection:	Protection Class I
Ingress Protection Rating:	IP 20
Photobiological Safety:	ICE62471:2006 EN62471:2008: RG-2
Item Number:	
White:	20065110
Black:	20065120
Silver:	20065130

The 60 watt High-Power LED of PHOS 65 provides outstanding brightness, which guarantees a brilliant and crisp projection in almost any situation. PHOS 65 is the optimal solution, when the ambient light is brighter, when projecting on coloured or dark surfaces or when colourful artworks are to be displayed. The device is equipped with a noise-optimised fan which dissipates the heat of the heat sink. PHOS 65 is suitable for dry interiors and can optionally be installed on tabletops, shelves, ceilings or walls. The maximum projection distance is 13 feet in normal room lighting and 33 feet in darkness. Recommended locations include: museums, trade fairs, shopping malls or large lobbies. The projection motif (gobo) can be changed without tools.

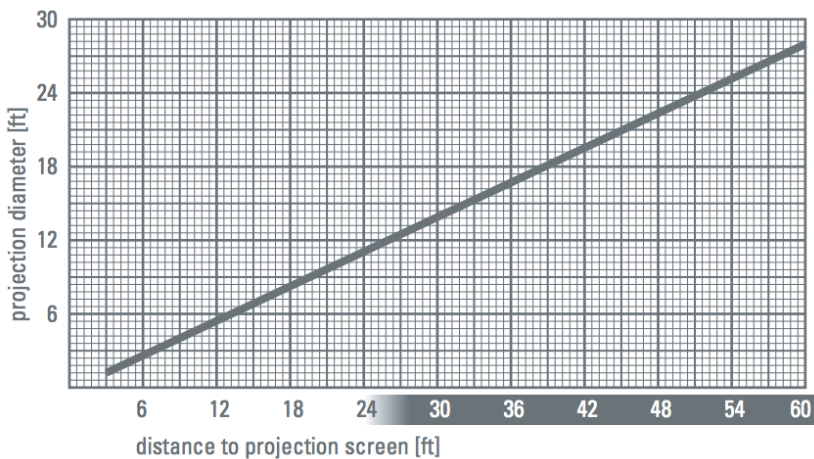


COMPONENTS

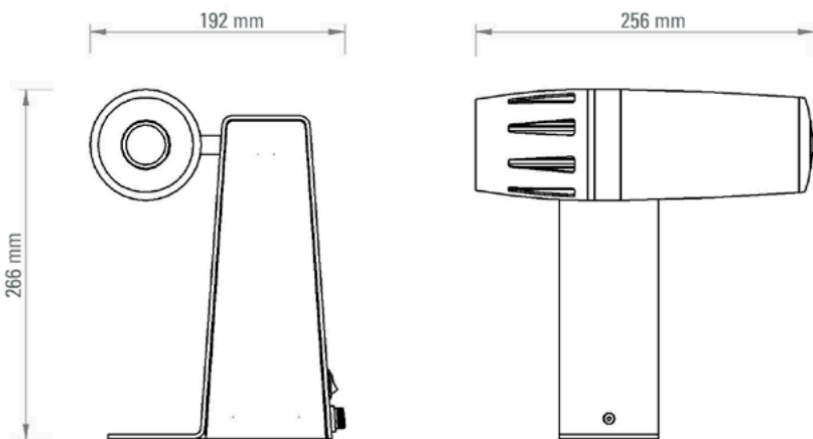
Standard series with high power LED, 85 mm standard lens, mounting plate for standing or fixing to walls or ceilings, power cable with plug. The machine is ready to plug in and run. Required accessories: glass gobo with individually designed motif.

PROJECTION DIAMETER WITH INCREASING DISTANCE

Standard Lens, $f = 85 \text{ mm}$



MEASUREMENTS / DIMENSIONS



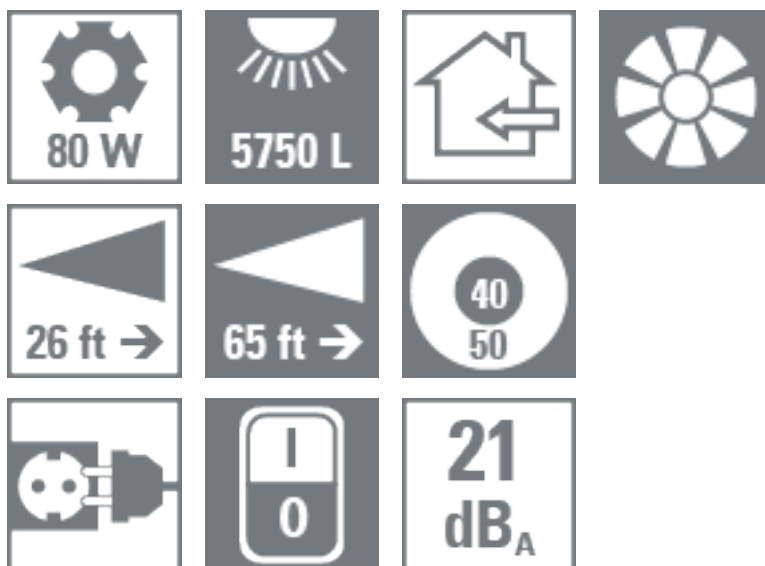
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SPECIFICATIONS

Item:	PHOS 85
Body:	Steel / Aluminium
Available Colours:	White / Black / Silver
Weight:	3.5 kg
On / Off Switch:	on the Rear Side of the Device Foot
Environmental Conditions:	For Dry Indoor Environments
Only Ambient Temperature:	- 30° C – + 35° C
Cooling:	Active Cooling, Fan
Noise Level:	21 dBA
Light Source:	80 W High-Power LED
Recommended Projection Distance in Normal Room Light:	5 m / 16 ft
Recommended Projection Distance in Darkness:	16 m / 49 ft
Average Lifetime of the LED (L70):	25,000 Operating Hours
Colour Temperature:	6,300 - 6,700° Kelvin
Luminous Flux of the LED:	5,750 Lumens
Gobo Size / Image Size:	Ø 50.0 mm / Ø 40.0 mm
Voltage:	220 - 240 V AC / 50 - 60 Hz
Active Power (Power Consumption):	85 W
Efficiency:	0.93 cos. φ
Electrical Protection:	Protection Class I
Ingress Protection Rating:	IP 20
Photobiological Safety:	ICE62471:2006 EN62471:2008: RG-2
Item Number:	
White:	20085110
Black:	20085120
Silver:	20085130

PHOS 85 is the most powerful model and its 80 watt High-Power LED provides uncompromising brightness, which guarantees a brilliant and crisp projection in almost any situation. PHOS 85 is the optimal solution, when the ambient light is brighter, when projecting on coloured or dark surfaces or when colourful artworks are to be displayed. The device is equipped with a noise-optimised fan which dissipates the heat of the heat sink. PHOS 85 is suitable for dry interiors and can optionally be installed on tabletops, shelves, ceilings or walls. The maximum projection distance is 16 feet in normal room lighting and 49 feet in darkness. Recommended locations include: museums, trade fairs, shopping malls or large lobbies. The projection motif (gobo) can be changed without tools.

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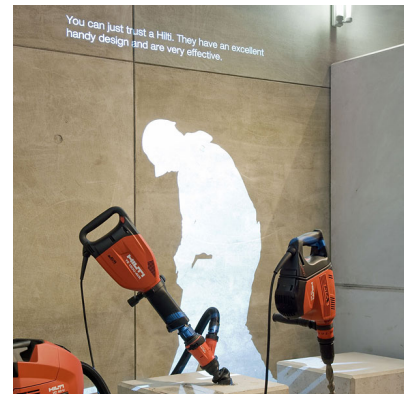
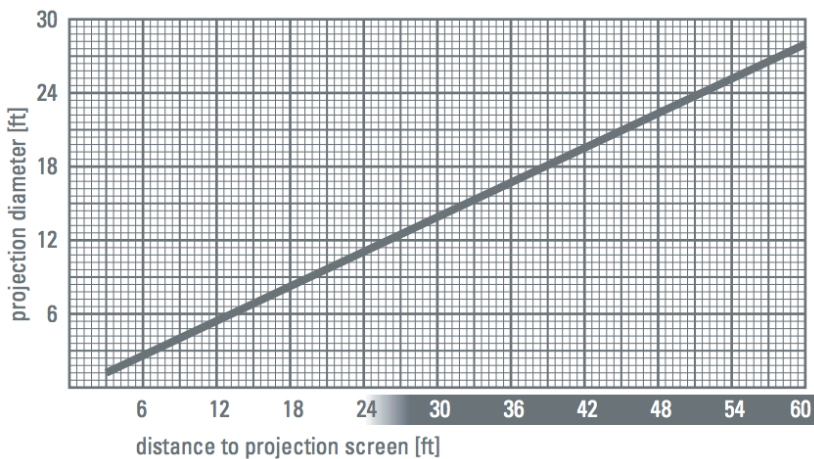


COMPONENTS

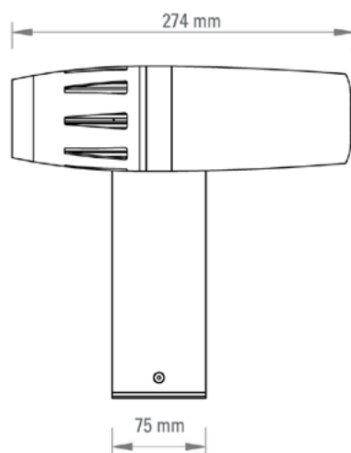
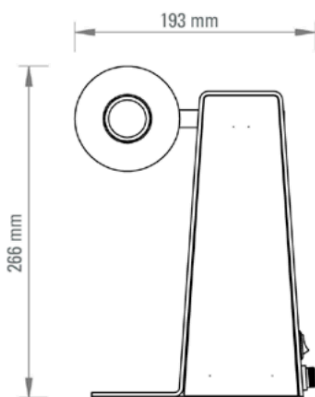
Standard series with high power LED, 85 mm standard lens, mounting plate for standing or fixing to walls or ceilings, power cable with plug. The machine is ready to plug in and run. Required accessories: glass gobo with individually designed motif.

PROJECTION DIAMETER WITH INCREASING DISTANCE

Standard Lens, $f = 85 \text{ mm}$



MEASUREMENTS / DIMENSIONS



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