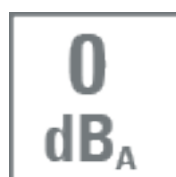
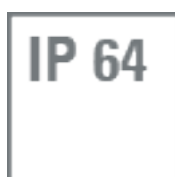
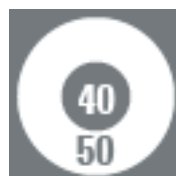
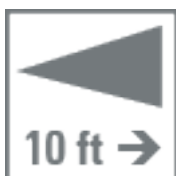




Enlightening

PHOS 25 Pole Mount LED PROJECTOR



SPECIFICATIONS

Item: PHOS 25 Pole Mount
 Body: Steel / Aluminium
 Available Colours: White / Black / Silver
 Weight: 1.85 kg
 Ballast: External Ballast Included
 Environmental Conditions: Outdoors, Humid Indoor Environments
 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: 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 mm / Ø 40 mm
 Voltage: 100 - 240 V AC / 50 - 60 Hz
 Active Power (Power Consumption): 29 W
 Efficiency: 0.5 cos. φ
 Electrical Protection: Protection Class I
 Ingress Protection Rating: IP 64
 Photobiological Safety: ICE62471:2006 EN62471:2008: RG-2
 Item Number:
 White: 20025510
 Black: 20025520
 Silver: 20025530

This weatherproof outdoor projector is equipped with the latest LED technology and is passively cooled without a fan. The device is intended to be attached to poles or tubes with its special holder. The lens is equipped with a special gasket, which prevents the penetration of moisture. All encapsulated electronic components are waterproof. Included is an external ballast, which is connected via a watertight connection tube to the projector. PHOS 25 pole mount is suitable for year-round outdoor use or for damp interiors. For its 22 watts High-Power LED we recommend a projection distance of 20 feet at dusk and night. The projector is especially suitable for outdoor projections on facades or portals, messages on pavements or areas in pedestrian zones – up to a diameter of about 10 feet. The projection motif (gobo) can be changed without tools.

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

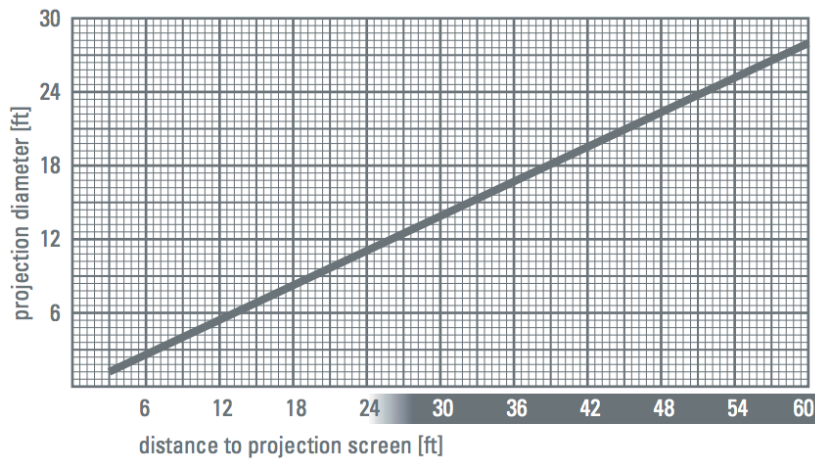


COMPONENTS

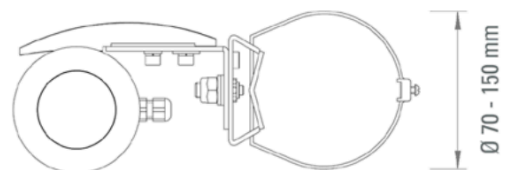
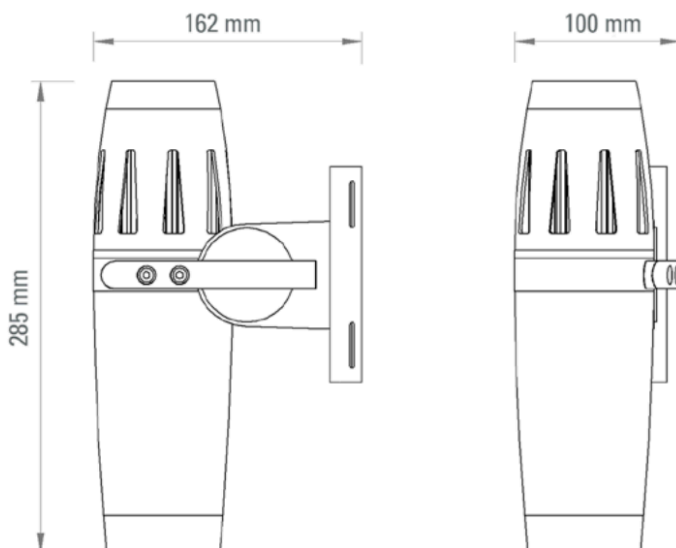
Standard series with high power LED and 85 mm standard lens. Required accessories: glass gobo with individually designed motif.

PROJECTION DIAMETER WITH INCREASING DISTANCE

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



MEASUREMENTS / DIMENSIONS



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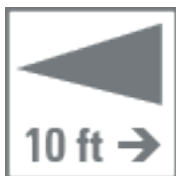
We reserve the right to make technical and optical modifications. Our general terms and conditions apply.



Enlightening

PHOS 25S Pole Mount

LED PROJECTOR

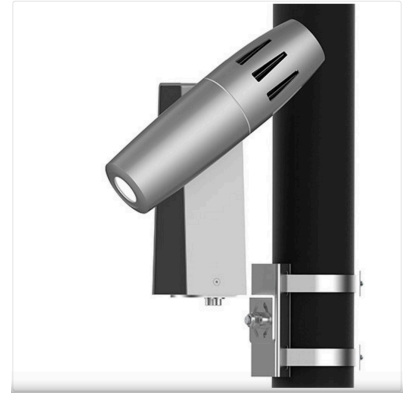


SPECIFICATIONS

Item:	PHOS 25s Pole Mount
Body:	Steel / Aluminium
Available Colours:	White / Black / Silver
Weight:	4.1 kg
Environmental Conditions:	Outdoors, Humid Indoor Environments
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:	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 mm / Ø 40 mm
Voltage:	100 - 240 V AC / 50 - 60 Hz
Active Power (Power Consumption):	29 W
Efficiency:	0.5 cos. φ
Electrical Protection:	Protection Class I
Ingress Protection Rating:	IP 64
Photobiological Safety:	ICE62471:2006 EN62471:2008: RG-2
Item Number:	
White:	20025610
Black:	20025620
Silver:	20025630

This weatherproof outdoor projector is equipped with the latest LED technology and is passively cooled without a fan. The device is intended to be attached to poles or tubes with its special holder. The lens is equipped with a special gasket, which prevents the penetration of moisture. All encapsulated electronic components are waterproof. The ballast is already integrated in the housing. The projector is connected via a watertight connection tube. This budget-priced entry level model is suitable for year-round outdoor use or for damp interiors. For its 22 watt High-Power LED we recommend a projection distance of 20 feet at dusk and night. The projector is especially suitable for outdoor projections on facades or portals, messages on pavements or areas in pedestrian zones – up to a diameter of about 10 feet. The projection motif (gobo) can be changed without tools.

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

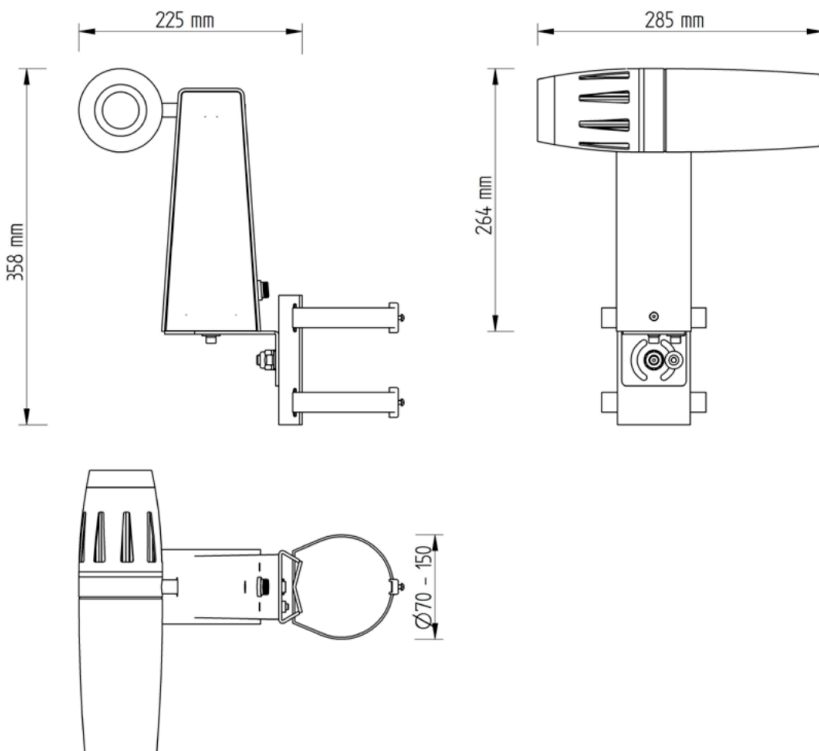
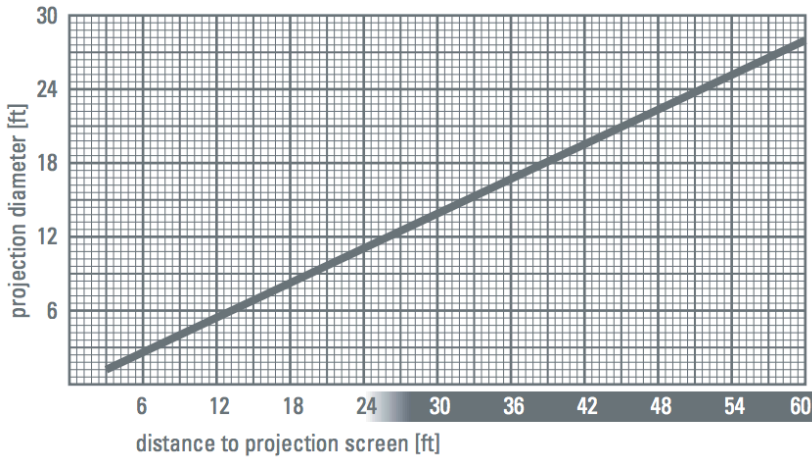


COMPONENTS

Standard series with high power LED and 85 mm standard lens. 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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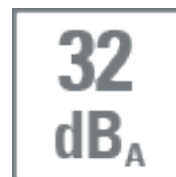
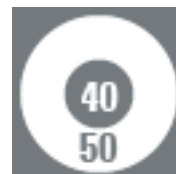
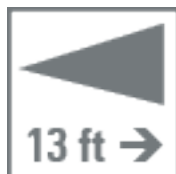


We reserve the right to make technical and optical modifications. Our general terms and conditions apply.



Enlightening

PHOS 45 Pole Mount LED PROJECTOR



SPECIFICATIONS

Item:	PHOS 45 Pole Mount
Body:	Steel / Aluminium
Available Colours:	White / Black / Silver
Weight:	2.1 kg (Excluding Ballast)
Ballast:	External Ballast Included
Environmental Conditions:	Outdoors, Humid Indoor Environments
Ambient Temperature:	- 30° C – + 35° C
Cooling:	Active Cooling, Fan
Noise Level:	33 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:	100 - 240 V AC / 50 - 60 Hz
Active Power (Power Consumption):	51 W
Efficiency:	0.5 cos. φ
Electrical Protection:	Protection Class I
Ingress Protection Rating:	IP 64
Photobiological Safety:	ICE62471:2006 EN62471:2008: RG-2
Item Number:	
White:	20045510
Black:	20045520
Silver:	20045530

The 40 watt High-Power LED of PHOS 45 pole mount provides extra power. With its special holder the projector can be attached to poles or tubes and is suitable for year-round outdoor use or for damp interiors. The lens is equipped with a special gasket, which prevents the penetration of moisture. All encapsulated electronic components are waterproof. An external ballast is included, which is connected via a watertight connection tube to the projector. The recommended projection distance at dusk and night is up to 26 feet. PHOS 45 pole mount is especially suitable for outdoor projections on facades or portals, messages on pavements or areas in pedestrian zones – up to a diameter of about 13 feet. The projection motif (gobo) can be changed without tools.

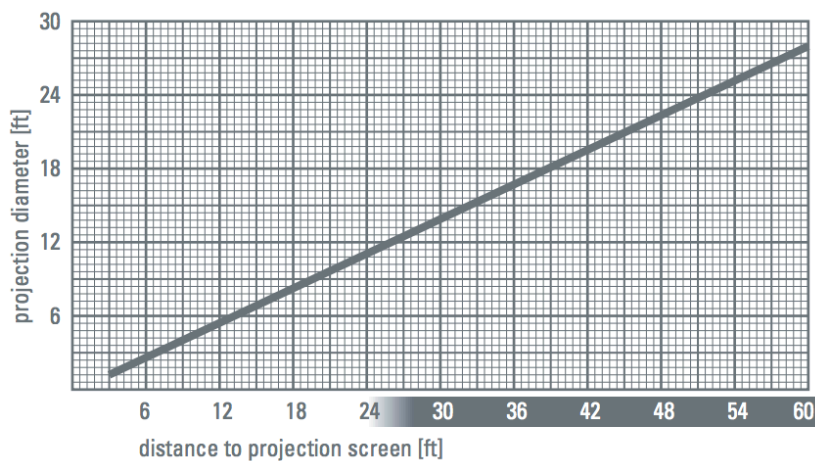


COMPONENTS

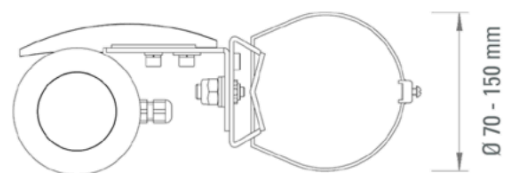
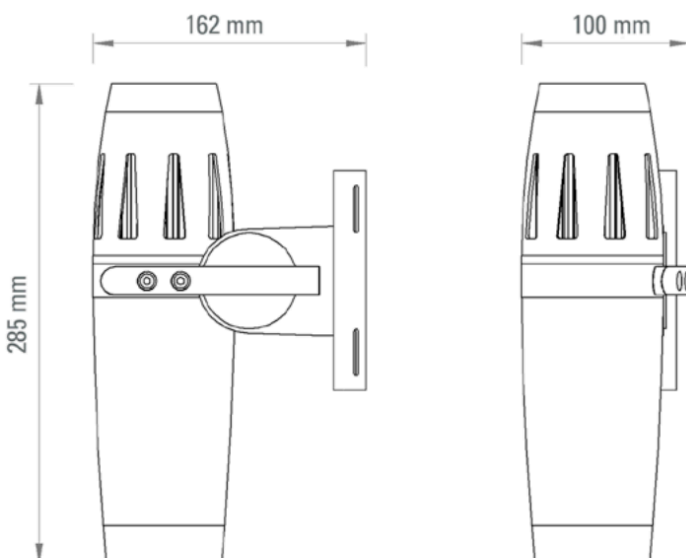
Standard series with high power LED and 85 mm standard lens. Required accessories: glass gobo with individually designed motif.

PROJECTION DIAMETER WITH INCREASING DISTANCE

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



MEASUREMENTS / DIMENSIONS



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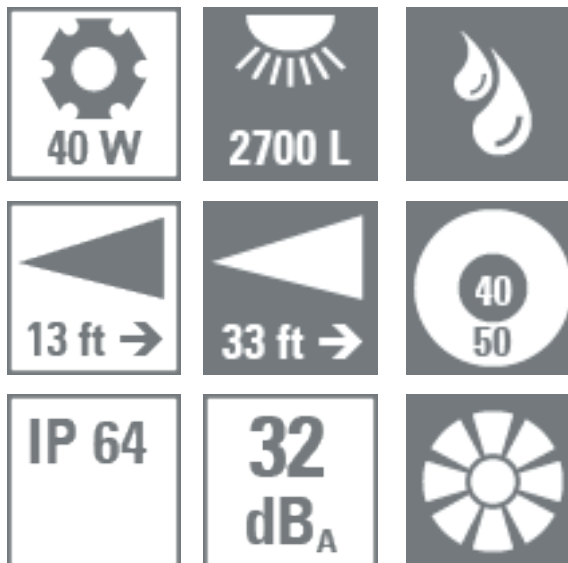


We reserve the right to make technical and optical modifications. Our general terms and conditions apply.



Enlightening

PHOS 45S Pole Mount LED PROJECTOR



SPECIFICATIONS

Item:	PHOS 45s Pole Mount
Body:	Steel / Aluminium
Available Colours:	White / Black / Silver
Weight:	4.1 kg
Environmental Conditions:	Outdoors, Humid Indoor Environments
Ambient Temperature:	- 30° C – + 35° C
Cooling:	Active Cooling, Fan
Noise Level:	33 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:	100 - 240 V AC / 50 - 60 Hz
Active Power (Power Consumption):	51 W
Efficiency:	0.5 cos. φ
Electrical Protection:	Protection Class I
Ingress Protection Rating:	IP 64
Photobiological Safety:	ICE62471:2006 EN62471:2008: RG-2
Item Number:	
White:	20045610
Black:	20045620
Silver:	20045630

The 40 watt High-Power LED of PHOS 45s pole mount provides extra power. With its special holder the projector can be attached to poles or tubes and is suitable for year-round outdoor use or for damp interiors. The lens is equipped with a special gasket, which prevents the penetration of moisture. All encapsulated electronic components are waterproof. The ballast is already integrated in the housing. The projector is connected via a watertight connection tube. The recommended projection distance at dusk and night is up to 26 feet. PHOS 45s pole mount is especially suitable for outdoor projections on facades or portals, messages on pavements or areas in pedestrian zones – up to a diameter of about 13 feet. The projection motif (gobo) can be changed without tools.

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

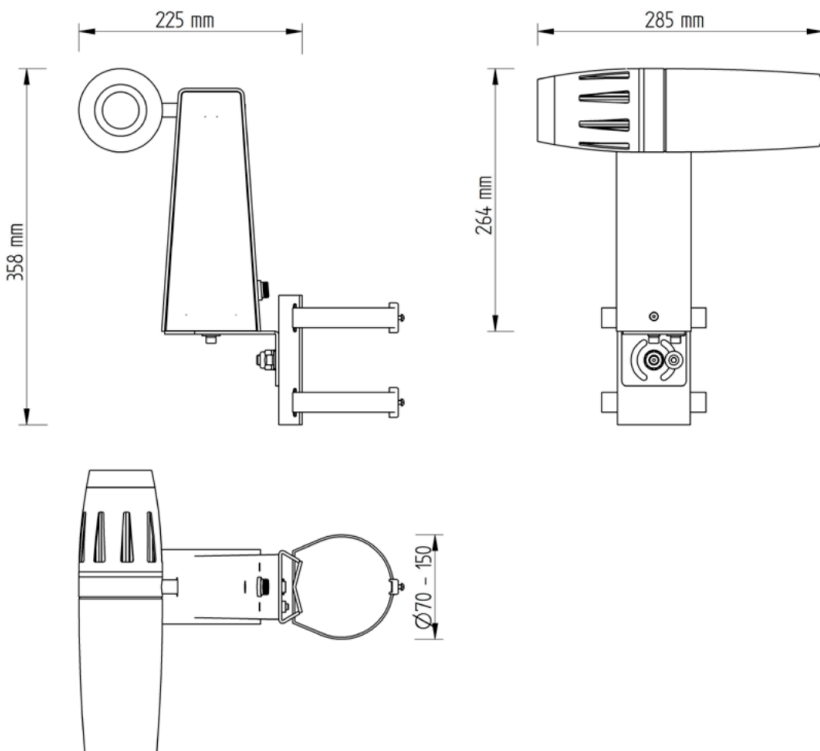
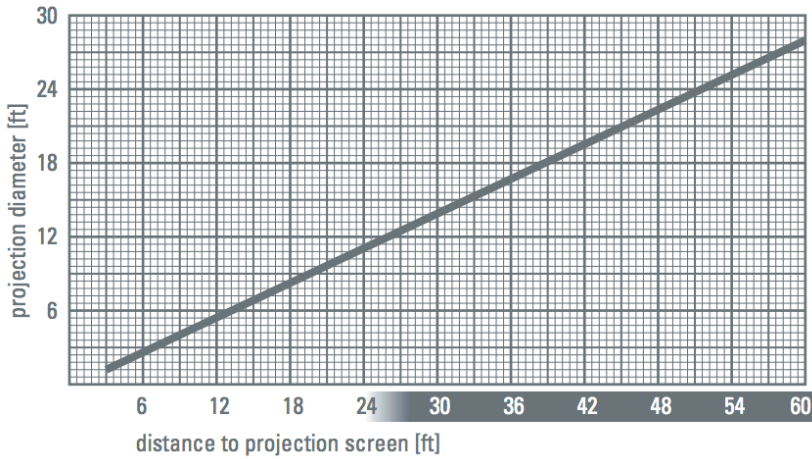


COMPONENTS

Standard series with high power LED and 85 mm standard lens. 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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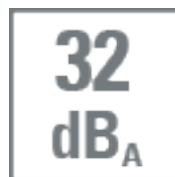
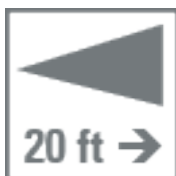
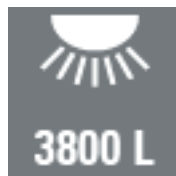


We reserve the right to make technical and optical modifications. Our general terms and conditions apply.



Enlightening

PHOS 65 Pole Mount LED PROJECTOR



SPECIFICATIONS

Item:	PHOS 65 Pole Mount
Body:	Steel / Aluminium
Available Colours:	White / Black / Silver
Weight:	2.1 kg (Excluding Ballast)
Ballast:	External Ballast Included
Environmental Conditions:	Outdoors, Humid Indoor Environments
Ambient Temperature:	- 30° C – + 35° C
Cooling:	Active Cooling, Fan
Noise Level:	33 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:	100 - 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 64
Photobiological Safety:	ICE62471:2006 EN62471:2008: RG-2
Item Number:	
White:	20065510
Black:	20065520
Silver:	20065530

PHOS 65 pole mount is an outdoor system for mounting on poles and tubes. Its 60 watt, air-cooled High-Power LED provides outstanding brightness, which guarantees a brilliant and crisp projection in almost any situation. PHOS 65 pole mount is the optimal solution, when projecting on coloured or dark surfaces or when colourful artworks are to be displayed. The projector is suitable for damp interiors or year-round outdoor use. The lens is equipped with a special gasket, which prevents the penetration of moisture. All encapsulated electronic components are waterproof. An external ballast is included, which is connected via a watertight connection tube to the projector. The maximum projection distance is 13 feet in normal room lighting and 33 feet at dusk and night. Recommended application are: projections on facades or architectural elements, messages on pavements. Also vegetation and parks can be used as projection screen. The projection motif (gobo) can be changed without tools.

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

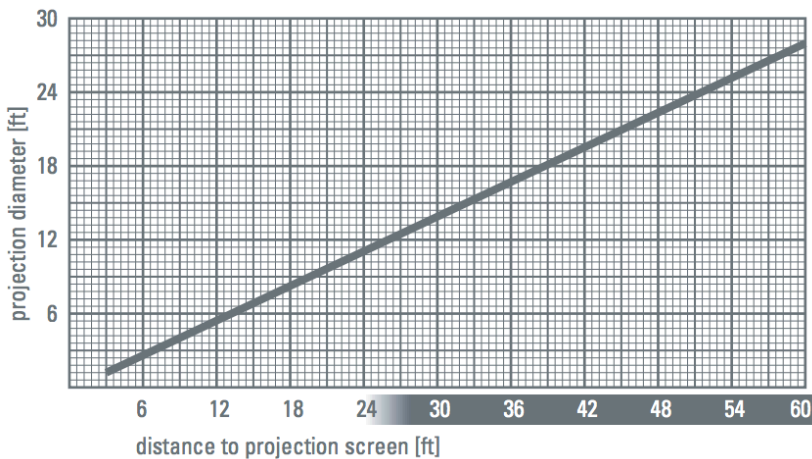


COMPONENTS

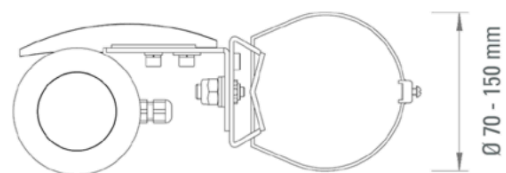
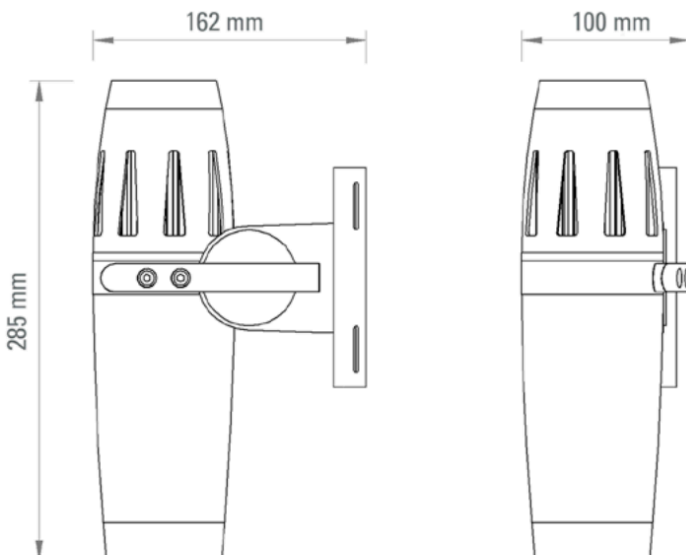
Standard series with high power LED and 85 mm standard lens. Required accessories: glass gobo with individually designed motif.

PROJECTION DIAMETER WITH INCREASING DISTANCE

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



MEASUREMENTS / DIMENSIONS



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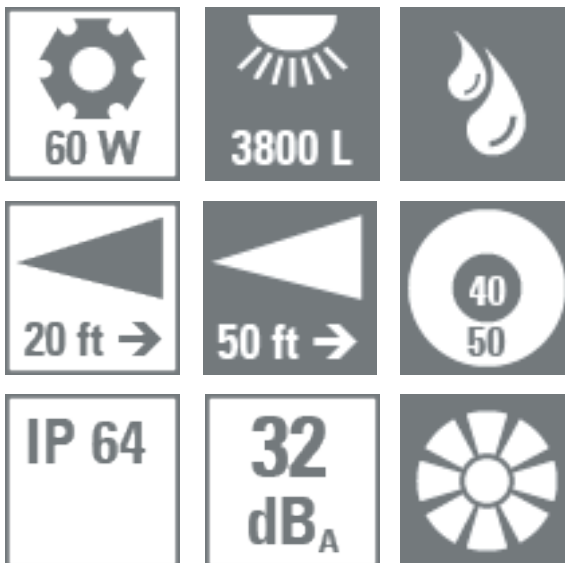


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Enlightening

PHOS 65S Pole Mount LED PROJECTOR

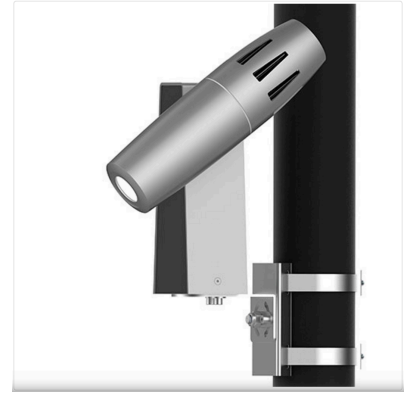


SPECIFICATIONS

Item: PHOS 65s Pole Mount
 Body: Steel / Aluminium
 Available Colours: White / Black / Silver
 Weight: 4.1 kg
 Environmental Conditions: Outdoors, Humid Indoor Environments
 Ambient Temperature: - 30° C – + 35° C
 Cooling: Active Cooling, Fan
 Noise Level: 33 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: 100 - 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 64
 Photobiological Safety: ICE62471:2006 EN62471:2008: RG-2
 Item Number:
 White: 20065610
 Black: 20065620
 Silver: 20065630

PHOS 65s pole mount is an outdoor system for mounting on poles and tubes. Its 60 watt, air-cooled High-Power LED provides outstanding brightness, which guarantees a brilliant and crisp projection in almost any situation. PHOS 65s pole mount is the optimal solution, when projecting on coloured or dark surfaces or when colourful artworks are to be displayed. The projector is suitable for damp interiors or year-round outdoor use. The lens is equipped with a special gasket, which prevents the penetration of moisture. All encapsulated electronic components are waterproof. The ballast is already integrated in the housing. The projector is connected via a watertight connection tube. The maximum projection distance is 13 feet in normal room lighting and 33 feet at dusk and night. Recommended application are: projections on facades or architectural elements, messages on pavements. Also vegetation and parks can be used as projection screen. The projection motif (gobo) can be changed without tools.

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

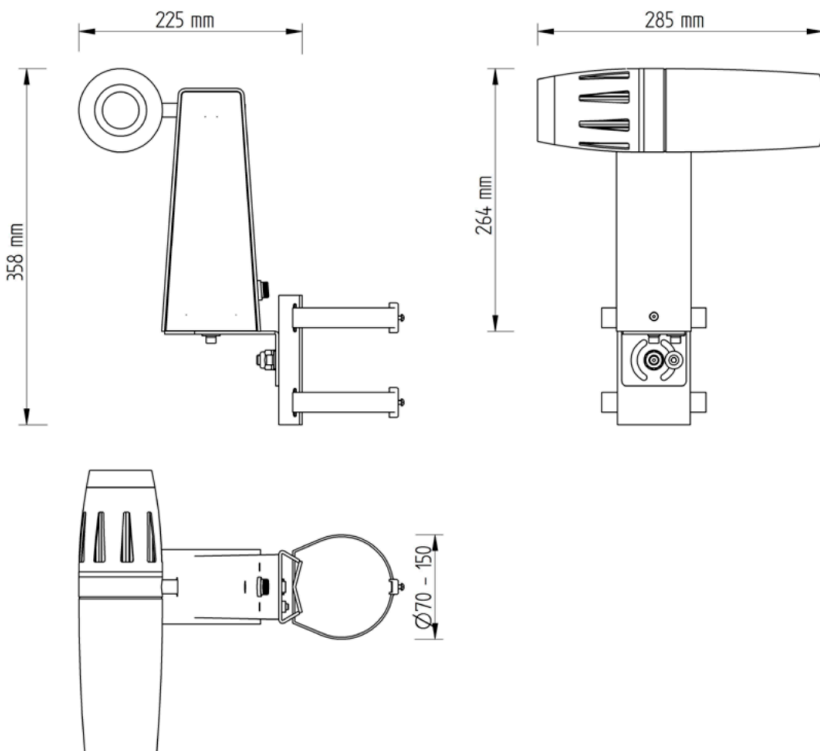
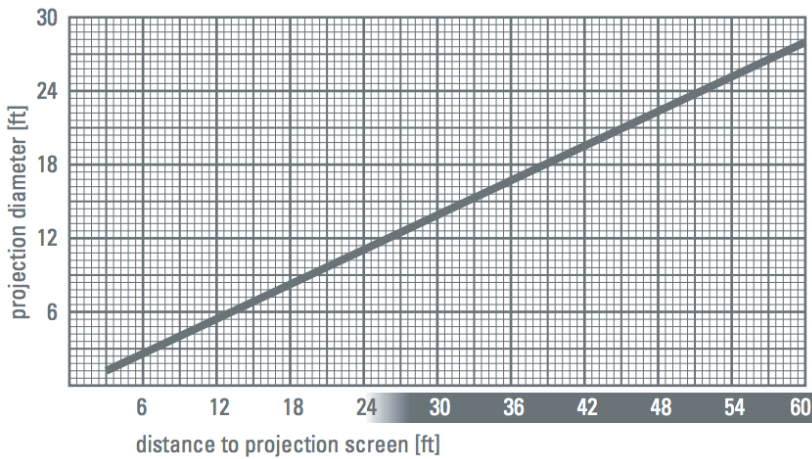


COMPONENTS

Standard series with high power LED and 85 mm standard lens. 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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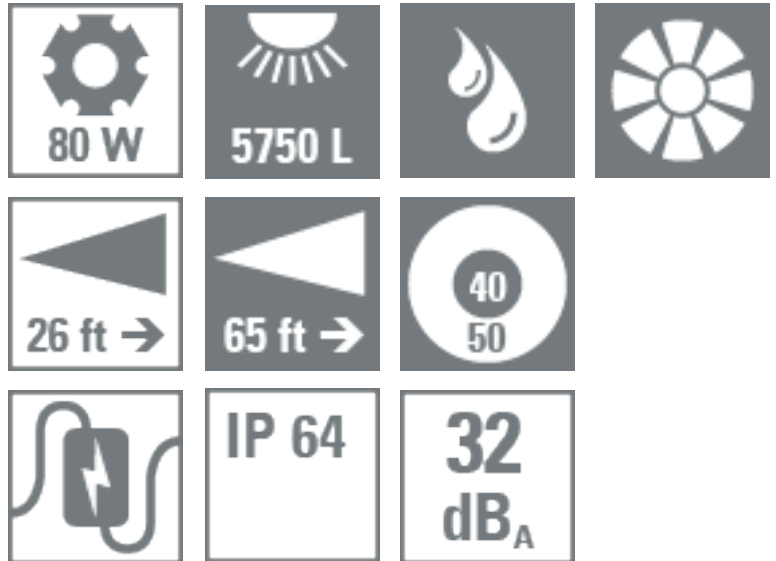


We reserve the right to make technical and optical modifications. Our general terms and conditions apply.



Enlightening

PHOS 85 Pole Mount LED PROJECTOR



SPECIFICATIONS

Item: PHOS 85 Pole Mount
 Body: Steel / Aluminium
 Available Colours: White / Black / Silver
 Weight: 2.1 kg (Excluding Ballast)
 Ballast: External Ballast Included
 Environmental Conditions: Outdoors, Humid Indoor Environments
 Only Ambient Temperature: - 30° C – + 35° C
 Cooling: Active Cooling, Fan
 Noise Level: 33 dBA
 Light Source: 80 W High-Power LED
 Recommended Projection Distance in Normal Room Light: 5 m / 16 ft
 Recommended Projection Distance in Darkness: 15 m / 50 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: 100 - 240 V AC / 50 - 60 Hz
 Active Power (Power Consumption): 92 W
 Efficiency: 0.58 cos. φ
 Electrical Protection: Protection Class I
 Ingress Protection Rating: IP 64
 Photobiological Safety: ICE62471:2006 EN62471:2008: RG-2
 Item Number:
 White: 20085510
 Black: 20085520
 Silver: 20085530

PHOS 85 pole mount is the most powerful outdoor system for mounting on poles and tubes. Its 80 watt, air-cooled High-Power LED provides uncompromising brightness, which guarantees a brilliant and crisp projection in almost any situation. PHOS 85 pole mount is the optimal solution, when projecting on coloured or dark surfaces or when colourful artworks are to be displayed. The projector is suitable for damp interiors or year-round outdoor use. The lens is equipped with a special gasket, which prevents the penetration of moisture. All encapsulated electronic components are waterproof. An external ballast is included, which is connected via a watertight connection tube to the projector. The maximum projection distance is 16 feet in normal room lighting and 50 feet at dusk and night. Recommended application are: facades or architectural elements, messages on pavements, vegetation and parks can be used too. The projection motif (gobo) can be changed without tools.

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

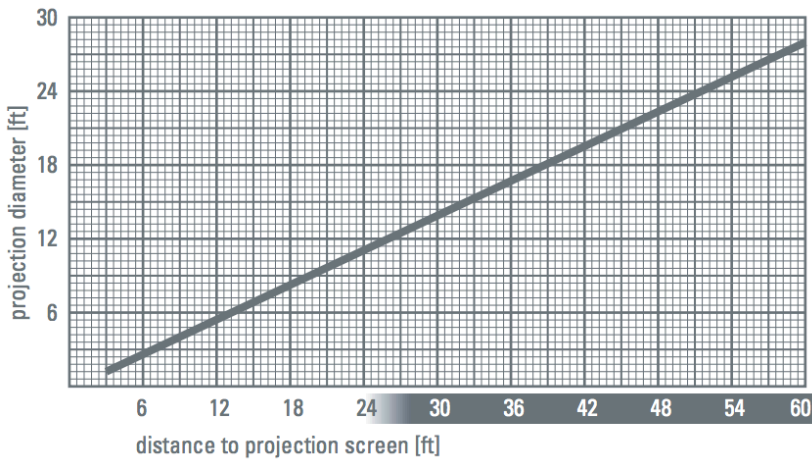


COMPONENTS

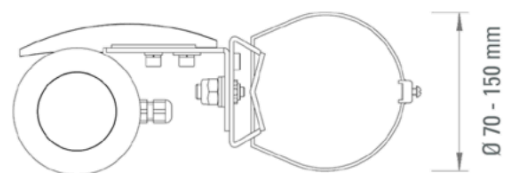
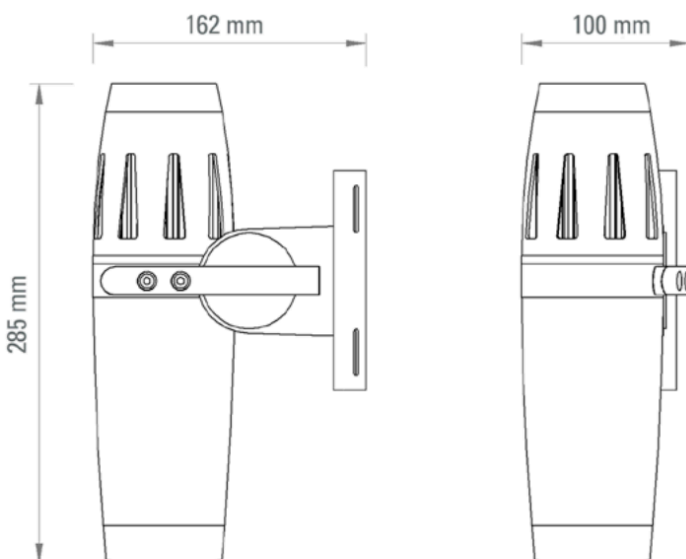
Standard series with high power LED and 85 mm standard lens. Required accessories: glass gobo with individually designed motif.

PROJECTION DIAMETER WITH INCREASING DISTANCE

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



MEASUREMENTS / DIMENSIONS



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Enlightening

PHOS 85S Pole Mount LED PROJECTOR

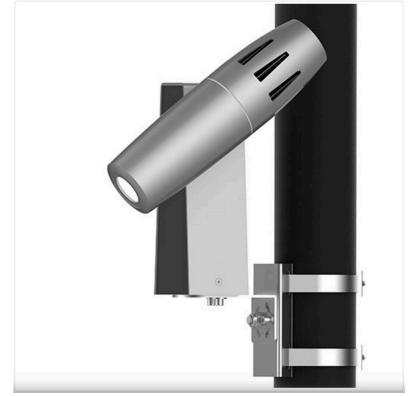


SPECIFICATIONS

Item: PHOS 85s Pole Mount
 Body: Steel / Aluminium
 Available Colours: White / Black / Silver
 Weight: 4.25 kg
 Environmental Conditions: Outdoors, Humid Indoor Environments
 Only Ambient Temperature: - 30° C – + 35° C
 Cooling: Active Cooling, Fan
 Noise Level: 33 dBA
 Light Source: 80 W High-Power LED
 Recommended Projection Distance in Normal Room Light: 5 m / 16 ft
 Recommended Projection Distance in Darkness: 15 m / 50 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: 100 - 240 V AC / 50 - 60 Hz
 Active Power (Power Consumption): 92 W
 Efficiency: 0.58 cos. φ
 Electrical Protection: Protection Class I
 Ingress Protection Rating: IP 64
 Photobiological Safety: ICE62471:2006 EN62471:2008: RG-2
 Item Number:
 White: 20085610
 Black: 20085620
 Silver: 20085630

PHOS 85s pole mount is the most powerful outdoor system for mounting on poles and tubes. Its 80 watt, air-cooled High-Power LED provides uncompromised brightness, which guarantees a brilliant and crisp projection in almost any situation. PHOS 85s pole mount is the optimal solution, when projecting on coloured or dark surfaces or when colourful artworks are to be displayed. The projector is suitable for damp interiors or year-round outdoor use. The lens is equipped with a special gasket, which prevents the penetration of moisture. All encapsulated electronic components are waterproof. The ballast is already integrated in the housing. The projector is connected via a watertight connection tube. The maximum projection distance is 16 feet in normal room lighting and 50 feet at dusk and night. Recommended application are: projections on facades or architectural elements, messages on pavements. Also vegetation and parks can be used as projection screen. The projection motif (gobo) can be changed without tools.

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

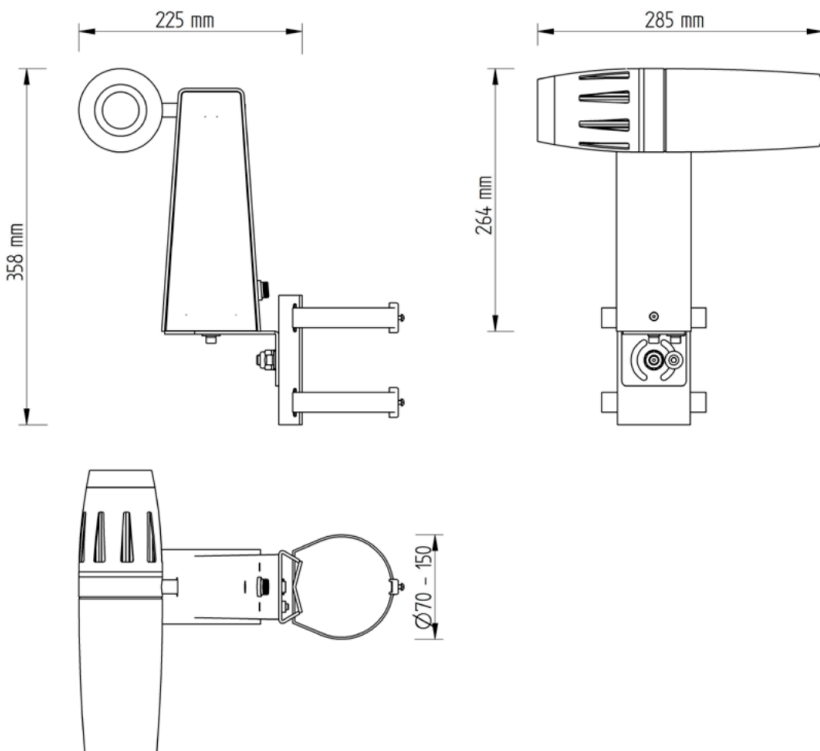
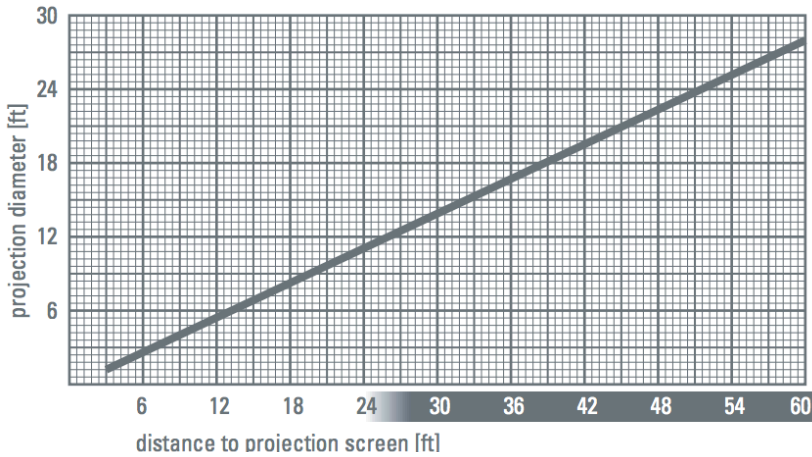


COMPONENTS

Standard series with high power LED and 85 mm standard lens. 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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