



GOBOSERVICE

Gobos and Projectors 100% made in Italy
by Sunland Optics srl





CREDITS

Projects and Projection pictures
Goboservice by Sunland Optics srl

Projectors concept and design
Goboservice by Sunland Optics srl



GOBOSERVICE

Gobos and Projectors 100% made in Italy

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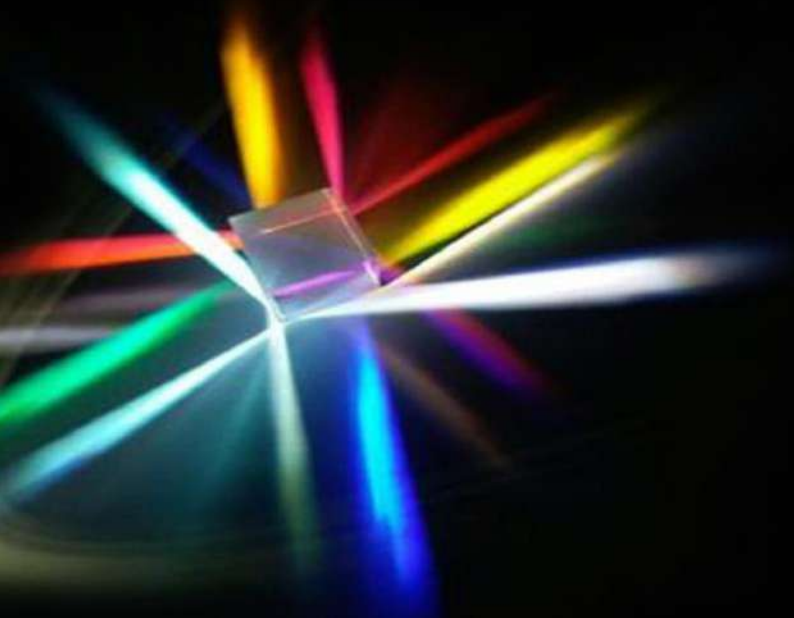


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Gobos

CASE STUDIES: Applications



The Innovation That Increases Safety At Work

Workplace safety is a top priority in any professional environment. Proper safety markings are essential for preventing accidents and providing clear directions to workers. In recent years, the introduction of projected safety signs has led to significant improvements in effectiveness and visibility compared to traditional symbols.



Using advanced technologies such as LED projection, the signals are projected directly on the surfaces of the work environment, making them immediately visible and easy to understand. This will avoid the need to search for signs or stickers that wear out over time, reducing the risk of misunderstandings and accidents.

PROJECTED MARKINGS



Projected marking requires an image projector (gobo projector) and the image itself (gobo). The gobo, which is inserted into the projector, is similar to a slide but much more durable. The projector is mounted on the ceiling or wall, and the safety signal is projected onto the surface.

Safety signal projections are an excellent solution for optimizing work processes and preventing accidents and injuries in the workplace. These devices, clearly visible and bright, immediately capture the attention of operators, providing appropriate safeguards and protections, especially in the presence of goods movements and delicate product storage operations.

MAIN FEATURES

- **EXCELLENT VISIBILITY:** A projection offers better visibility because the projected image can be transmitted "intelligently" with various options such as dynamism, alternation, intermittency, and the possibility of integration with a motion sensor. This makes the projected images more noticeable to users.
- **EXTENDED DURABILITY:** The light source of our projectors ensures long projection durability (up to 6 years). No wear and tear caused by pedestrian and vehicular traffic. Resistant to moisture, cold, and dirt.
- **COST-EFFECTIVENESS:** The low energy consumption of the COB LED source significantly reduces overall costs, ensuring a medium return on investment (ROI) of 1-2 years.
- **SIMPLE MAINTENANCE:** Maintenance is quick and straightforward. It does not require a significant impact on production organization.
- **HIGH FLEXIBILITY:** Small projectors are extremely easy to install and move. Simply replace the gobo to change the signal.
- **HIGH ADAPTABILITY:** Projection adapts to any surface, no matter how irregular it may be.



GOBOS STANDARD

Goboservice has developed the idea of using gobo projectors in security services as the use of traditional graphic signals such as posters, stickers, or paint has shown clear limitations, reducing effectiveness and paradoxically increasing risks in the workplace. Goboservice provides its customers with a vast catalog of standard gobos with over 100 images divided into categories, available online.



SYMP



Symp is an ultra-compact 20W LED gobo projector designed to enhance most interiors and capable of creating intense emotions through images. Extremely easy to use, thanks to the unique gobo housing system (patented) that allows the gobo to be introduced, replaced and oriented without having to open the projector body, it combines versatility with high aesthetic impact and small size. Symp is the perfect solution for decorative or functional lighting in museums, sports arenas, shopping malls, as well as architectural details in hospitality and retail. Available in wall or track versions, ready for DALI 2 and in two different optical configurations (30° and 24°). SYMP makes indoor gobo projection an exciting new lighting solution.

SYMP

BODY

Material	Aluminium + ABS
Protection Rating	Black Painting RAL 9005
Surface Finishing	IP20

POWER SUPPLY

Power Mode	110-240V 50/60Hz
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MAIN FEATURES

Light Source	High efficiency White COB LED	
Colour Temperature	5.000 °K	
Gobo Size	I.D. ø30mm	
Power	20 W	
Optical System	56 mm	70 mm
Angular Apertur	30°	24°
Optical Efficiency	30,4%	24,1%
Total Lumen Output	903 lm	718 lm
Luminous Efficacy	45 lm/W	36 lm/W

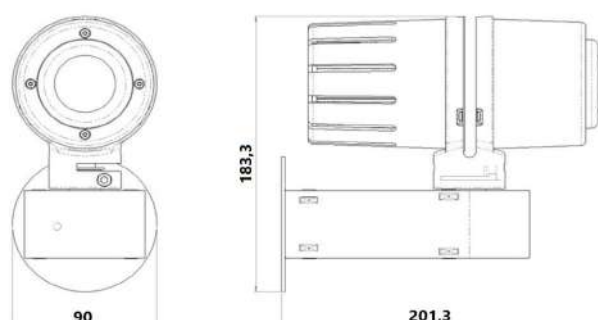
CONNECTIONS

Controllable serial power supply with DALI 2 protocol and compatible with direct insertion into the dali network

Model compatible rail version: EUROSTANDARD PLUS® RAIL 6-conductor (9000-1-B-ST)

WEIGHT

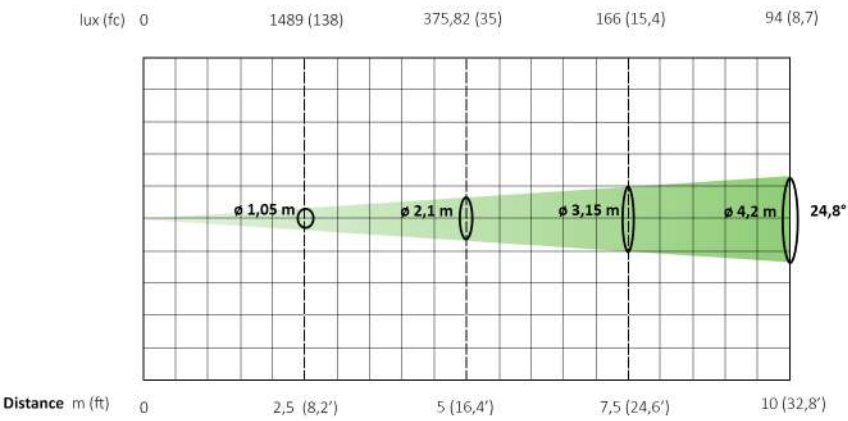
2 kg



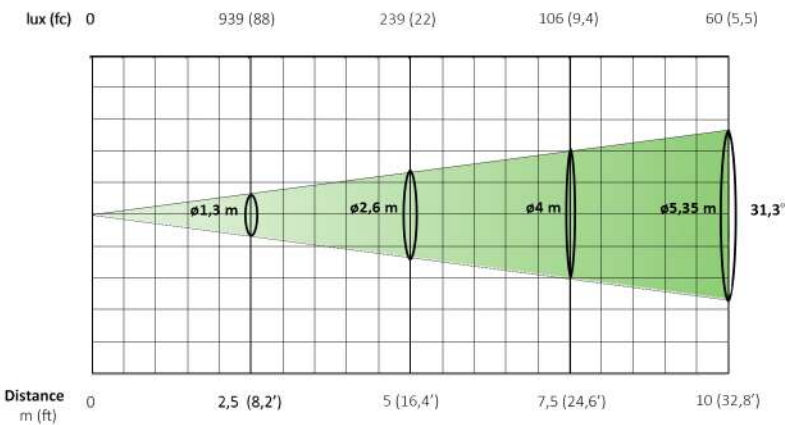
PHOTOMETRIC DIAGRAMS

SYMP

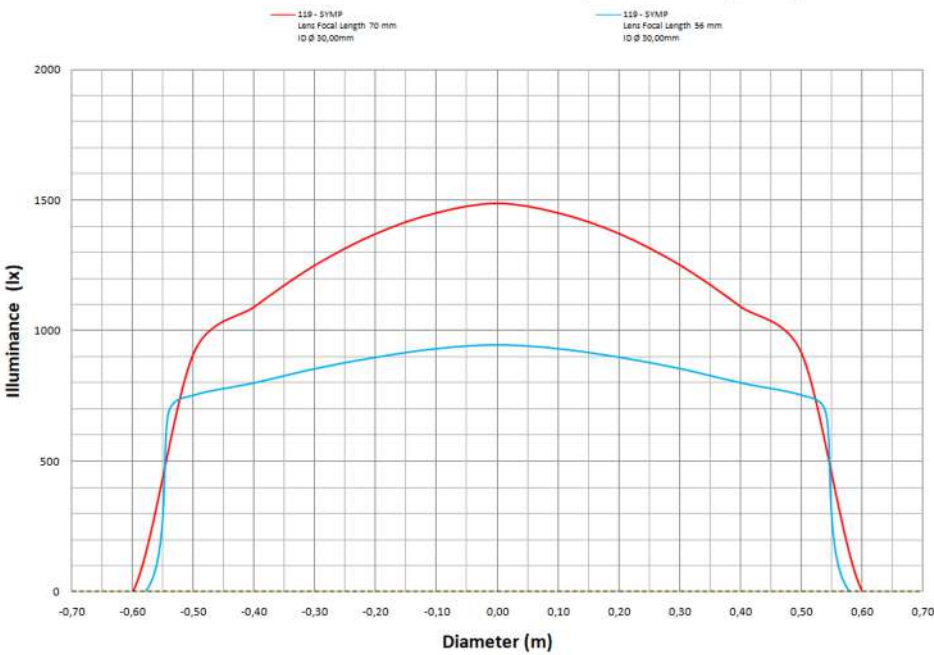
Projection Lens Focal **70 mm** - Angle aperture 24° (I.D. ø30mm)
Total lumen output: **718 lm**- Luminous efficacy: **36 lm/W**- Optical Efficiency: **24,1%**



Projection Lens Focal **56 mm** - Angle aperture 30° (I.D. ø30mm)
Total lumen output: **903 lm**- Luminous efficacy: **45 lm/W**- Optical Efficiency: **30,4%**



Illuminance distribution SYMP 20W (Distance=2,5 m)



CASE STUDIES



SIGNUM



Signum is a super-powerful compact LED projector designed specifically for projections in the most demanding conditions (for instance, permanent outdoor installations or harsh industrial environments) due to the absence of fans, the degree of protection of IP65 and LED life of 50.000 hours.

Its functional and innovative design, makes it possible to project high quality images, logos, signs and photos.



SIGNUM

BODY

Material	Aluminium
Protection Rating	IP65
IK Rating	IK09
Photobiological safety	Risk Group 1 for Signum 25W and Signum 50W - Risk Group 2 for Signum 75W
Surface Finishing	Black Painting RAL 900

POWER SUPPLY

Power Mode	110-240V 50/60Hz
Protection Class (EN 60598-1)	Class I
Efficiency	PF $\geq$ 0.97/115VAC, PF $\geq$ 0.95/230VAC, PF $\geq$ 0.92/277VAC at full load
Power Consumption	72,5W for 75W and 58,59W for 50W
Maximum number of devices for B16A/C16A switch	48 pieces for 75 W - 59 pieces for 50 W

MAIN FEATURES

Light Source	CITILED COB
Colour Temperature	6.000 °K
Gobo Size	O.D. $\varnothing$ 37,5mm - I.D. $\varnothing$ 30mm

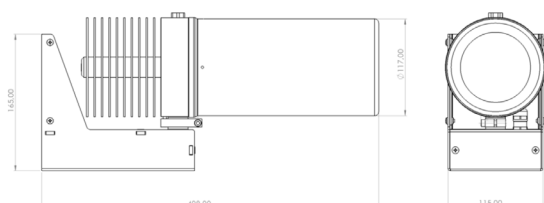
Power Mode	25W	50W				75W		
Luminous Flux Source	4.000 lm	7.100 lm				9.600 lm		
Optical System	70 mm	56 mm	90 mm	140 mm	56 mm	90 mm	140 mm	
Angular Aperture	25°	32°	18°	12°	32°	18°	12°	
Illuminance max at 5m	297	700	1825	4700	900	2325	6100	
Optical Efficiency	25%	56%	51%	49%	56%	51%	48%	
Total Lumen Output	1.000 lm	4.000 lm	3.600 lm	3.460 lm	5.400 lm	4.900 lm	4.650 lm	
Luminous Efficacy	40 lm/W	80 lm/W	72 lm/W	69 lm/W	72 lm/W	66 lm/W	62 lm/W	

OPTIONAL *

Controllable with Casambi via Android and IOS app (on / off - network creation - batch or single control
WIRELESS proximity sensor activation (creation of networks up to 32 units - operation under WIFI network or in Cloud)
Compatible with DALI and DMX networks

WEIGHT

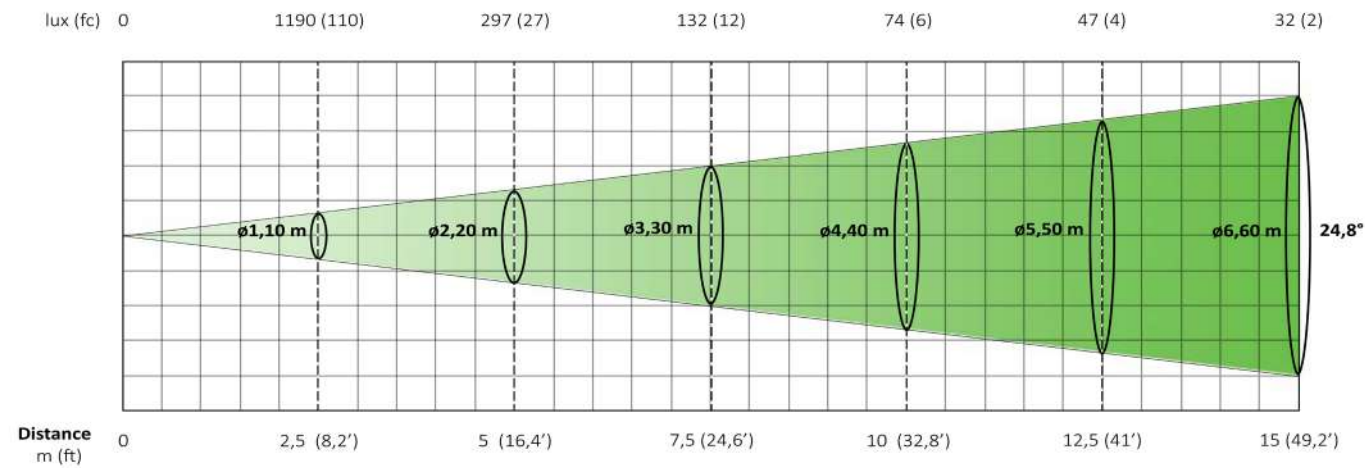
6 kg



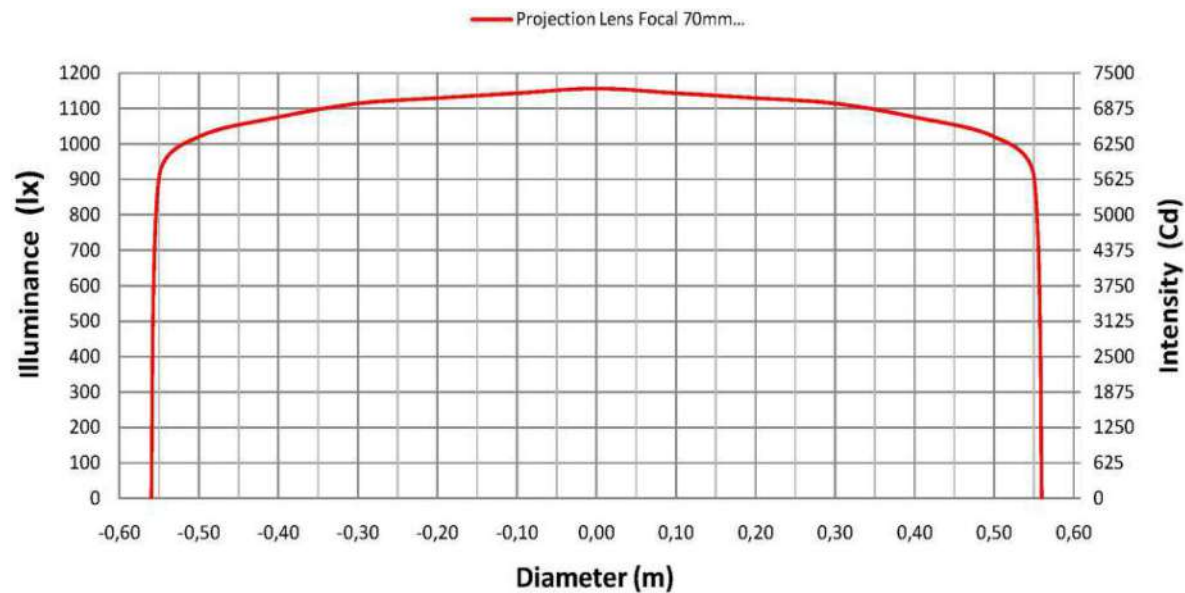
PHOTOMETRIC DIAGRAMS

SIGNUM 25W

Projection Lens Focal **70 mm**- Angle aperture 25° (I.D. ø30mm)
Total lumen output: **1.000 lm**- Luminous efficacy: **40 lm/W**- Optical Efficiency: **25%**



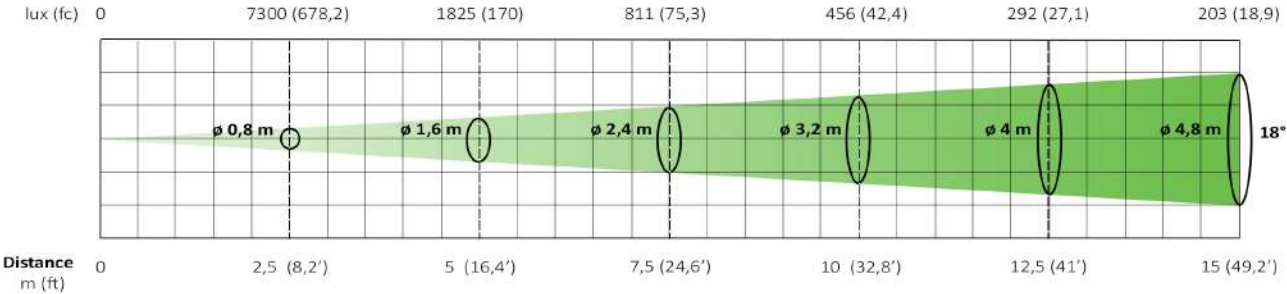
Illuminance distribution SIGNUM 25W (Distance = 2,5 m)



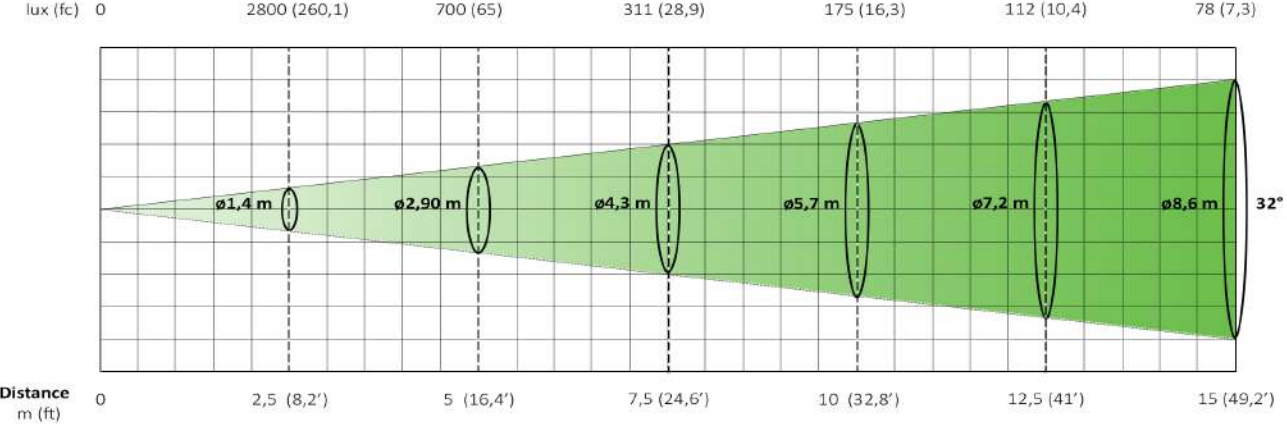
PHOTOMETRIC DIAGRAMS

SIGNUM 50W

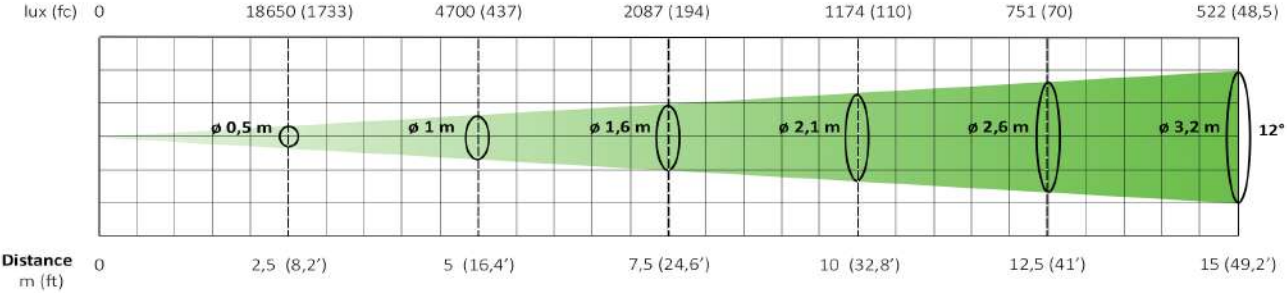
Projection Lens Focal 90 mm - Angle aperture 18° (I.D. ø30mm)
Total lumen output: 3.600 lm - Luminous efficacy: 72 lm/W - Optical Efficiency: 51%



Projection Lens Focal 56 mm - Angle aperture 32° (I.D. ø30mm)
Total lumen output: 4.000 lm - Luminous efficacy: 80 lm/W - Optical Efficiency: 56%



Projection Lens Focal 140 mm - Angle aperture 12° (I.D. ø30mm)
Total lumen output: 3.460 lm - Luminous efficacy: 69 lm/W - Optical Efficiency: 49%

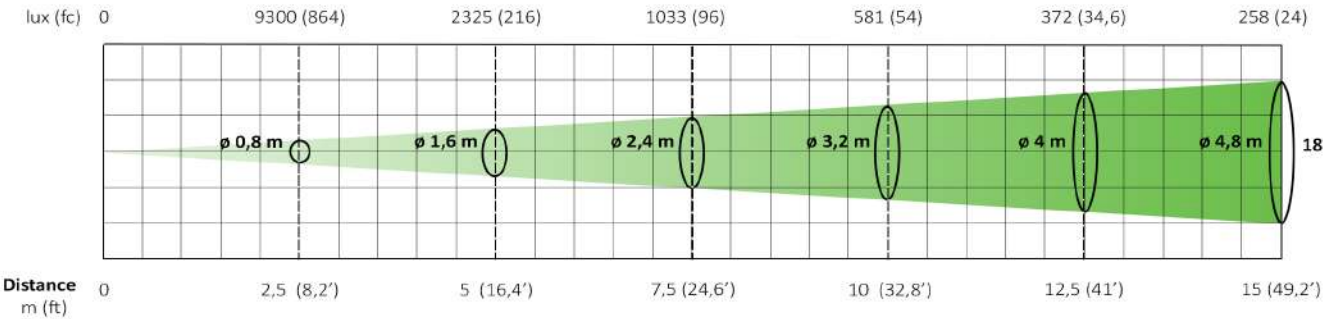


PHOTOMETRIC DIAGRAMS

SIGNUM 75W

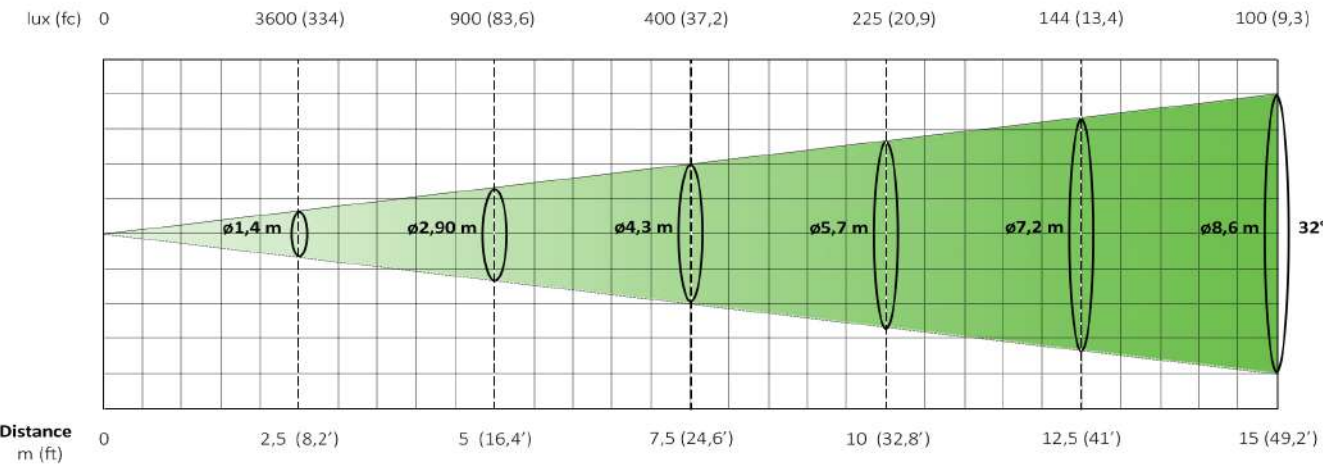
Projection Lens Focal 90 mm- Angle aperture 18° (I.D. ø30mm)

Total lumen output: 4.900 lm- Luminous efficacy: 66 lm/W - Optical Efficiency: 51%



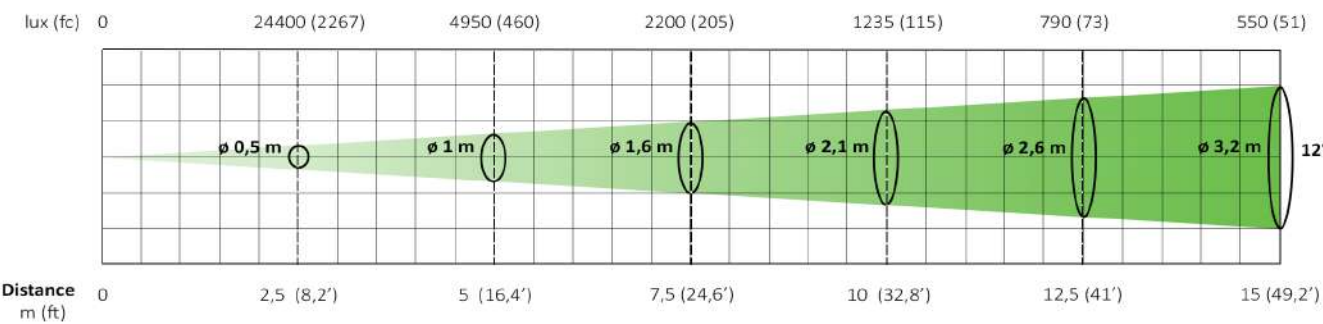
Projection Lens Focal 56 mm - Angle aperture 32° (I.D. ø30mm)

Total lumen output: 5.400 lm- Luminous efficacy: 72 lm/W - Optical Efficiency: 56%



Projection Lens Focal 140 mm- Angle aperture 12° (I.D. ø30mm)

Total lumen output: 4650 lm- Luminous efficacy: 62 lm/W - Optical Efficiency: 48%



CASE STUDIES



SIGNUM TACK



The new Signum Tack projector, thanks to its extremely compact and sophisticated design, ensures exceptional performance even in the most demanding conditions. Its versatility and functionality make it suitable for a wide range of applications, including permanent outdoor installations and harsh environments, such as industrial settings or locations with prolonged exposure to dust and adverse weather conditions. This is made possible by the absence of fans, an IP65 protection rating, and a remarkable LED lifespan of 50,000 hours. Technically, the Signum Tack stands out for its power and high-quality projections, even in environments with challenging conditions. Its functional and innovative design allows for precise and high-definition projections, making it an ideal choice for both architectural and industrial applications.

Compared to its 'classic' twin model, the Signum Tack features a new bracket system that provides lighter weight, increased stability, and enhanced safety when mounted on structures subject to vibrations—all without compromising its IP65 protection and maintaining its sleek, innovative lines.

SIGNUM TACK

BODY

Material	Aluminium
Protection Rating	IP65
IK Rating	IK09
Photobiological safety	Risk Group 1 for Signum 25W and Signum 50W - Risk Group 2 for Signum 75W
Surface Finishing	Black Painting RAL 900

POWER SUPPLY

Power Mode	110-240V 50/60Hz
Protection Class (EN 60598-1)	Class I
Efficiency	PF $\geq$ 0.97/115VAC, PF $\geq$ 0.95/230VAC, PF $\geq$ 0.92/277VAC at full load
Power Consumption	72,5W for 75W and 58,59W for 50W
Maximum number of devices for B16A/C16A switch	48 pieces for 75 W - 59 pieces for 50 W

MAIN FEATURES

Light Source	CITILED COB
Colour Temperature	6.000 °K
Gobo Size	O.D. $\varnothing$ 37,5mm - I.D. $\varnothing$ 30mm

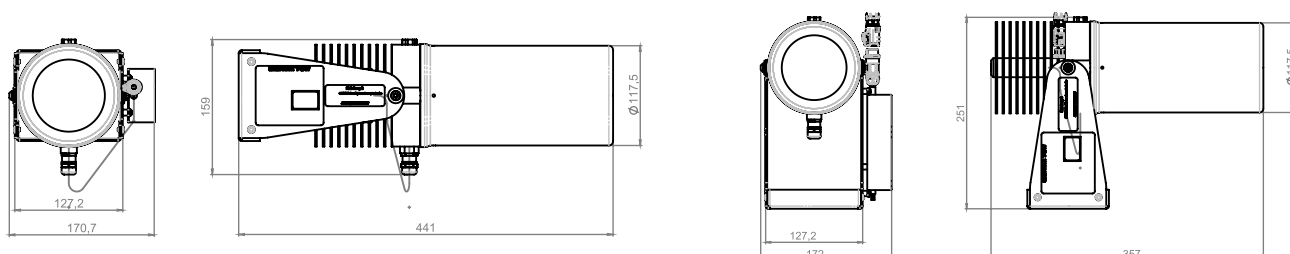
Power Mode	25W	50W				75W		
Luminous Flux Source	4.000 lm	7.100 lm				9.600 lm		
Optical System	70 mm	56 mm	90 mm	140 mm	56 mm	90 mm	140 mm	
Angular Aperture	25°	32°	18°	12°	32°	18°	12°	
Illuminance max at 5m	297	700	1825	4700	900	2325	6100	
Optical Efficiency	25%	56%	51%	49%	56%	51%	48%	
Total Lumen Output	1.000 lm	4.000 lm	3.600 lm	3.460 lm	5.400 lm	4.900 lm	4.650 lm	
Luminous Efficacy	40 lm/W	80 lm/W	72 lm/W	69 lm/W	72 lm/W	66 lm/W	62 lm/W	

OPTIONAL *

Controllable with Casambi via Android and IOS app (on / off - network creation - batch or single control
WIRELESS proximity sensor activation (creation of networks up to 32 units - operation under WIFI network or in Cloud)
Compatible with DALI and DMX networks

WEIGHT

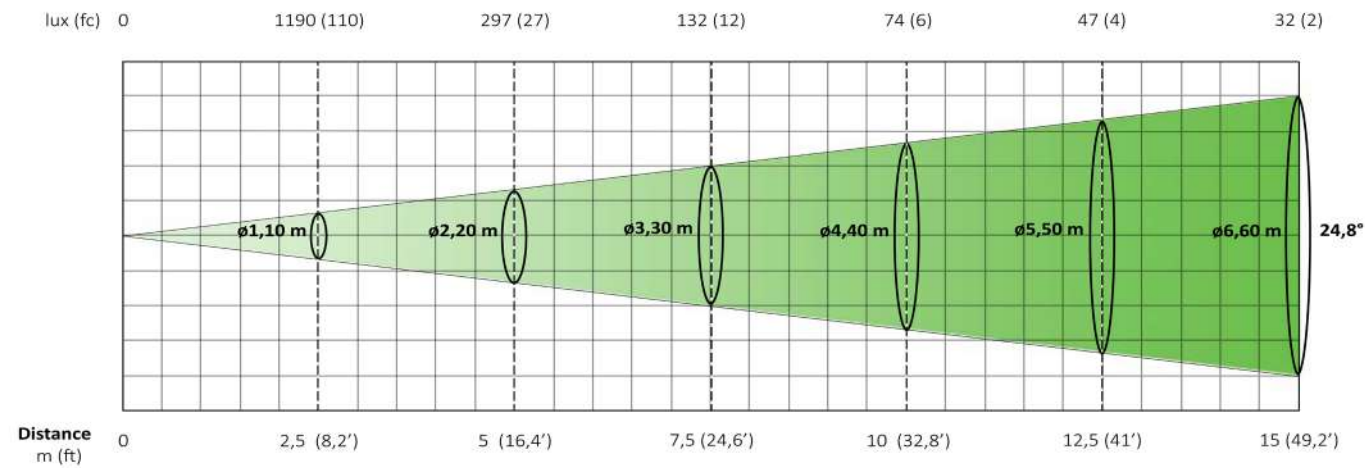
5,5 kg



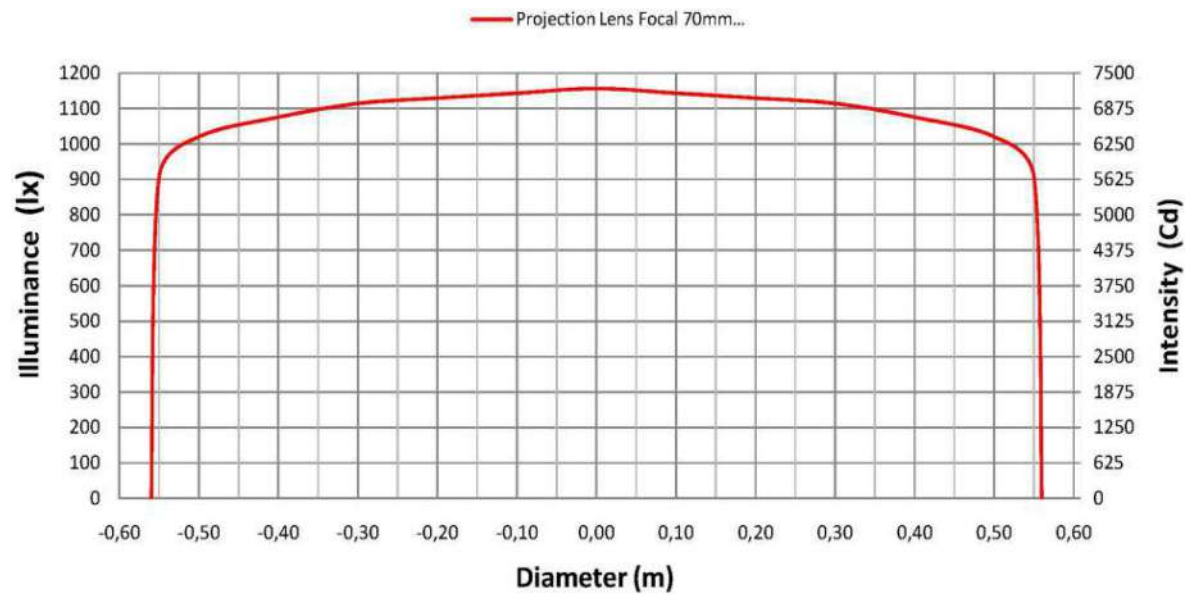
PHOTOMETRIC DIAGRAMS

SIGNUM TACK 25W

Projection Lens Focal **70 mm**- Angle aperture 25° (I.D. ø30mm)
Total lumen output: **1.000 lm**- Luminous efficacy: **40 lm/W**- Optical Efficiency: **25%**



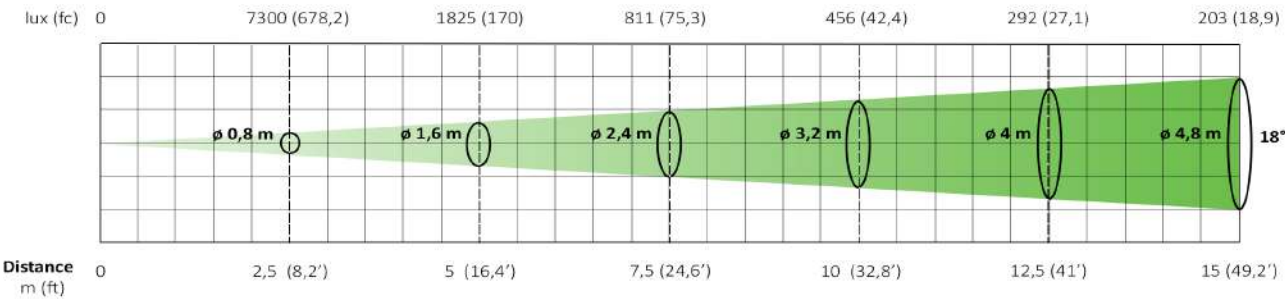
Illuminance distribution SIGNUM 25W (Distance = 2,5 m)



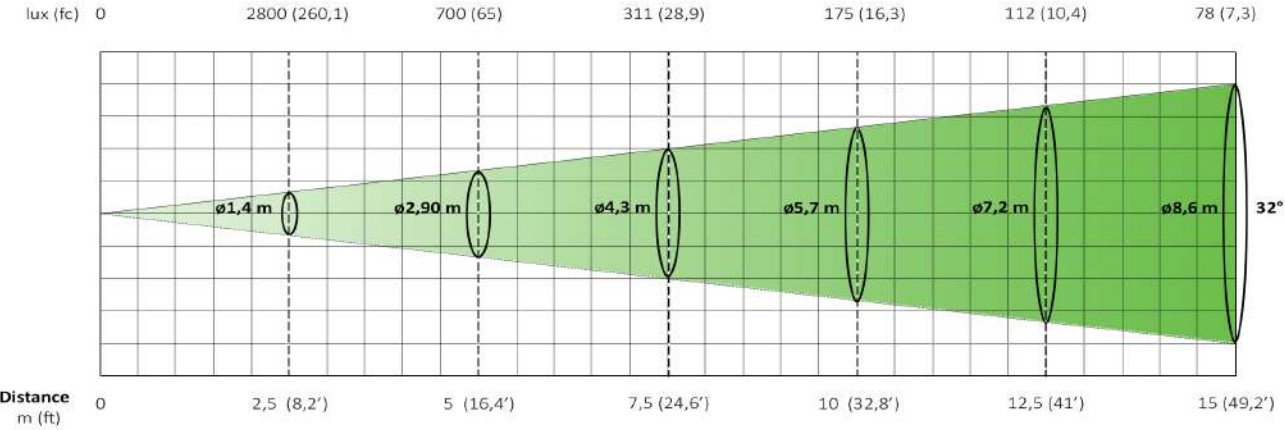
PHOTOMETRIC DIAGRAMS

SIGNUM TACK 50W

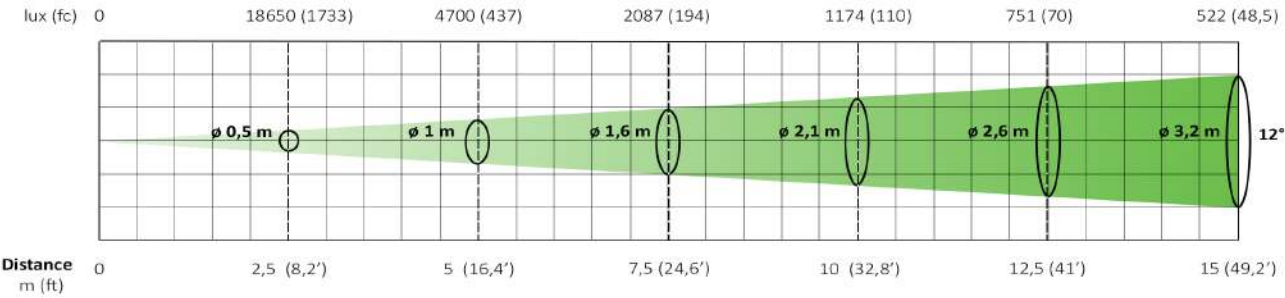
Projection Lens Focal 90 mm - Angle aperture 18° (I.D. ø30mm)
Total lumen output: 3.600 lm - Luminous efficacy: 72 lm/W - Optical Efficiency: 51%



Projection Lens Focal 56 mm - Angle aperture 32° (I.D. ø30mm)
Total lumen output: 4.000 lm - Luminous efficacy: 80 lm/W - Optical Efficiency: 56%



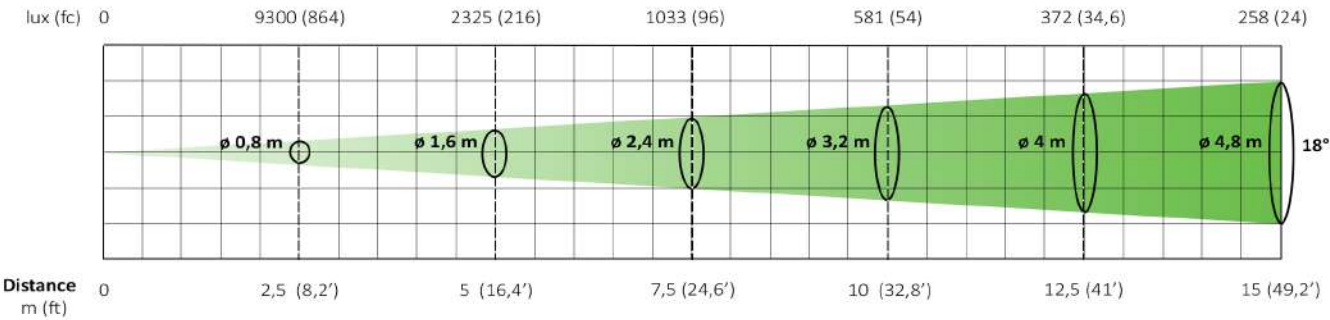
Projection Lens Focal 140 mm - Angle aperture 12° (I.D. ø30mm)
Total lumen output: 3.460 lm - Luminous efficacy: 69 lm/W - Optical Efficiency: 49%



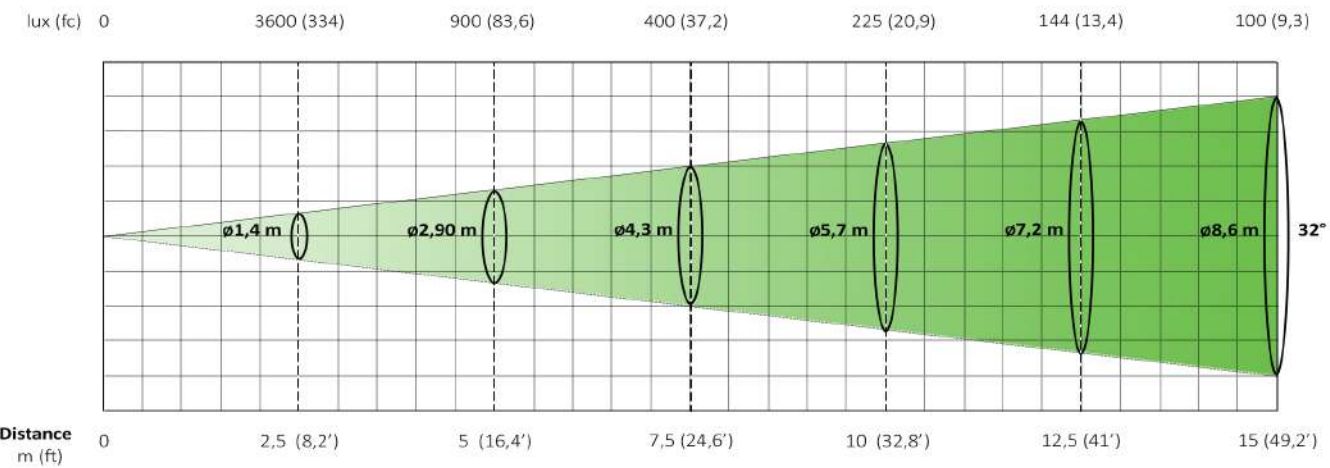
PHOTOMETRIC DIAGRAMS

SIGNUM TACK 75W

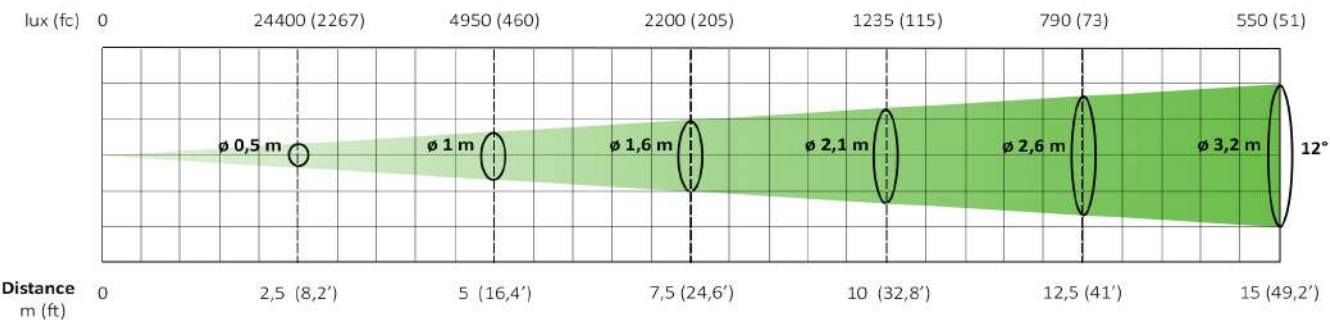
Projection Lens Focal 90 mm- Angle aperture 18° (I.D. ø30mm)
Total lumen output: 4.900 lm- Luminous efficacy: 66 lm/W - Optical Efficiency: 51%



Projection Lens Focal 56 mm - Angle aperture 32° (I.D. ø30mm)
Total lumen output: 5.400 lm- Luminous efficacy: 72 lm/W- Optical Efficiency: 56%



Projection Lens Focal 140 mm- Angle aperture 12° (I.D. ø30mm)
Total lumen output: 4650 lm- Luminous efficacy: 62 lm/W - Optical Efficiency: 48%



CASE STUDIES



SIGNUM ROTATOR



The Signum Rotator is an evolution of the Signum classic from which it maintains the attractive design and the possible wattage configurations, but allowing the possibility of image movement.

It finds application in all those areas in which it is necessary to project images, logos and photos with high quality and a dynamic projection effect in order to capture greater attention if needed.

The passive dissipation (no fans) and the IP65 rating allow to use it even in dusty environments or outdoors, also for long periods, with a LED life of 50,000 hours.



SIGNUM ROTATOR

BODY

Material	Aluminium
Protection Rating	IP65
IK Rating	IK09
Photobiological safety	Risk Group 1 for Signum 25W and Signum 50W - Risk Group 2 for Signum 75W
Surface Finishing	Black Painting RAL 900

POWER SUPPLY

Power Mode	110-240V 50/60Hz
Protection Class (EN 60598-1)	Class I
Efficiency	PF $\geq$ 0.97/115VAC, PF $\geq$ 0.95/230VAC, PF $\geq$ 0.92/277VAC at full load
Power Consumption	72,5W for 75W and 58,5W for 50W
Maximum number of devices for B16A/C16A switch	48 pieces for 75 W - 59 pieces for 50 W

MAIN FEATURES

Light Source	CITILED COB
Colour Temperature	6.000 °K
Gobo Size	O.D. $\varnothing$ 37,5mm - I.D. $\varnothing$ 30mm
RPM	0.83 (full rotation in 1min20sec)

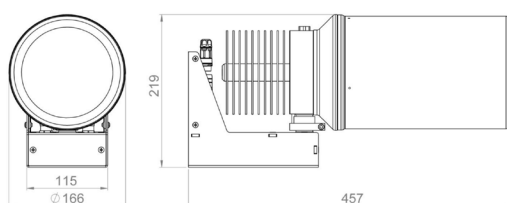
Power Mode	25W	50W		75W	
Luminous Flux Source	4.000 lm	7.100 lm		9.600 lm	
Optical System	70 mm	56 mm	90 mm	56 mm	90 mm
Angular Aperture	25°	32°	18°	32°	18°
Illuminance max at 5m	297	700	1825	900	2325
Optical Efficiency	25%	56%	51%	56%	51%
Total Lumen Output	1.000 lm	4.000 lm	3.600 lm	5.400 lm	4.900 lm
Luminous Efficacy	40 lm/W	80 lm/W	72 lm/W	72 lm/W	66 lm/W

OPTIONAL *

Controllable with Casambi via Android and IOS app (on / off - network creation - batch or single control
WIRELESS proximity sensor activation (creation of networks up to 32 units - operation under WIFI network or in Cloud)
Compatible with DALI and DMX networks

WEIGHT

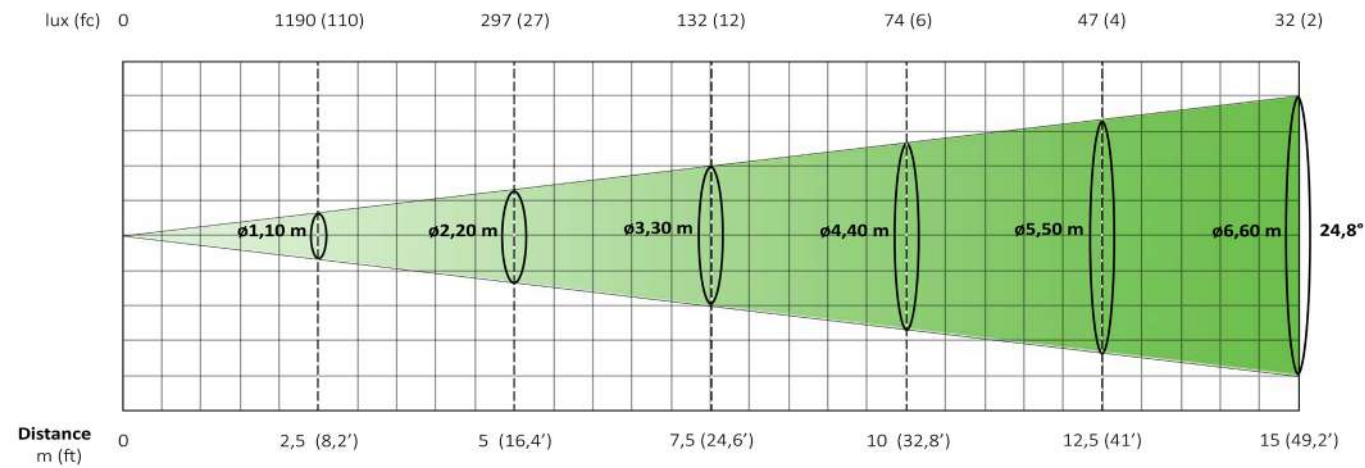
8,6 kg



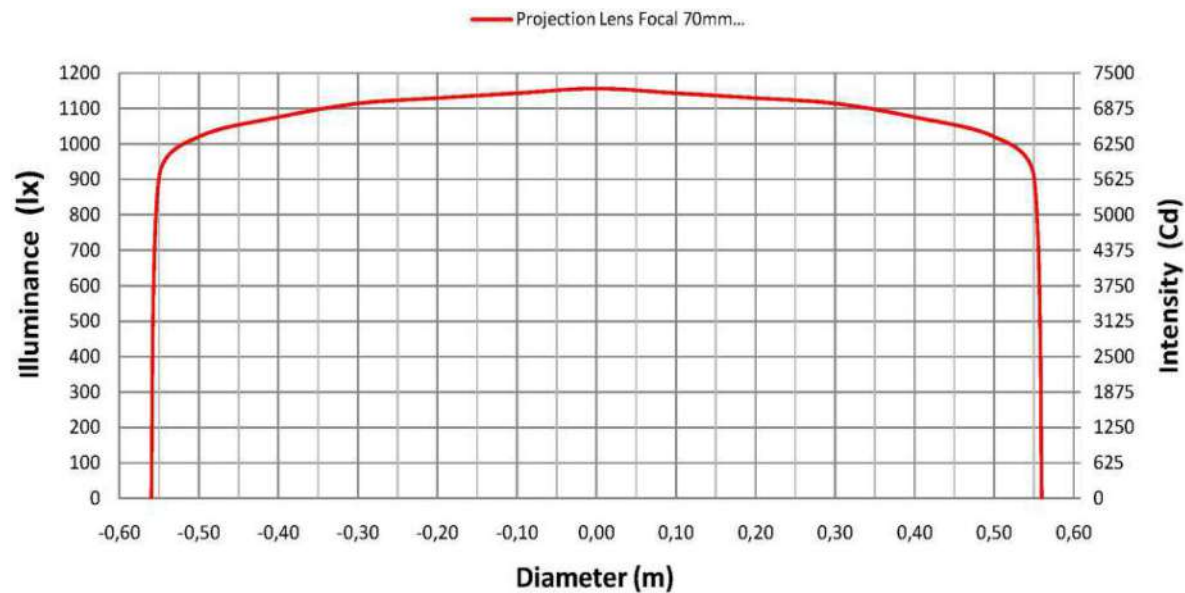
PHOTOMETRIC DIAGRAMS

SIGNUM ROTATOR 25W

Projection Lens Focal **70 mm**- Angle aperture 25° (I.D. ø30mm)
Total lumen output: **1.000 lm**- Luminous efficacy: **40 lm/W**- Optical Efficiency: **25%**



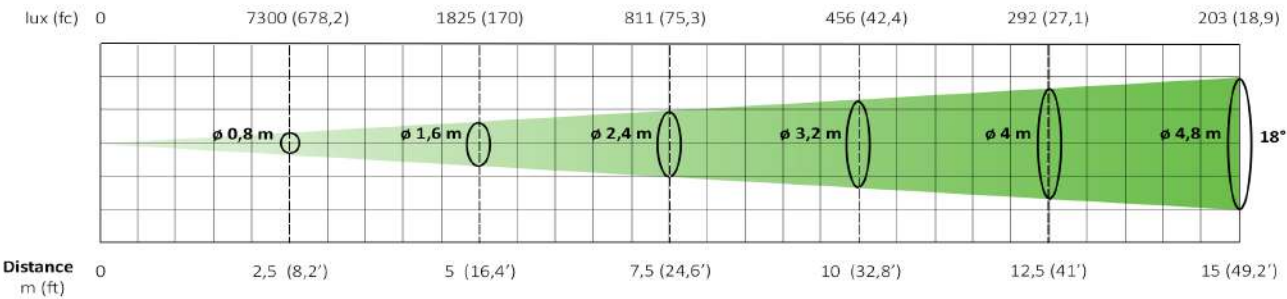
Illuminance distribution SIGNUM 25W (Distance = 2,5 m)



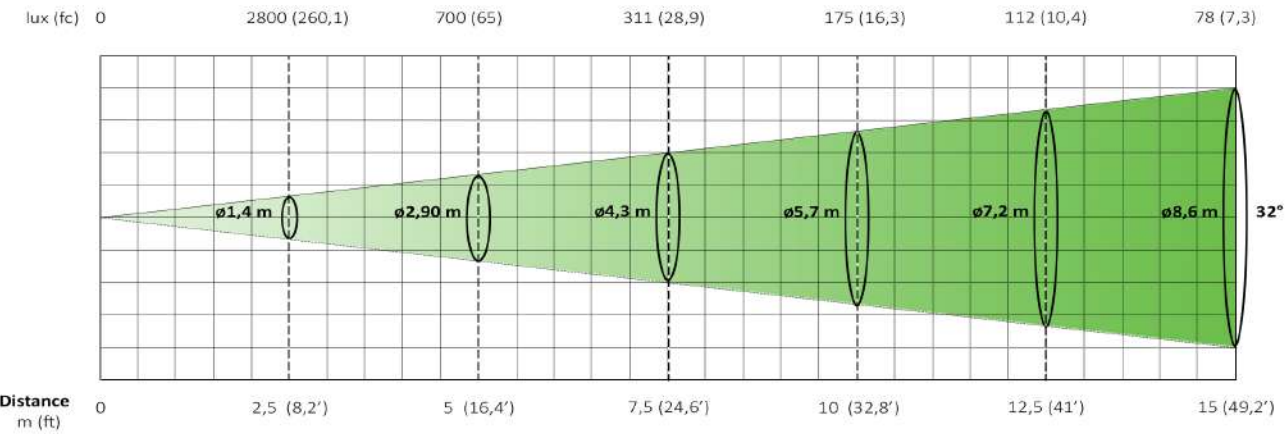
PHOTOMETRIC DIAGRAMS

SIGNUM ROTATOR 50W

Projection Lens Focal 90 mm - Angle aperture 18° (I.D. ø30mm)
Total lumen output: 3.600 lm - Luminous efficacy: 72 lm/W - Optical Efficiency: 51%



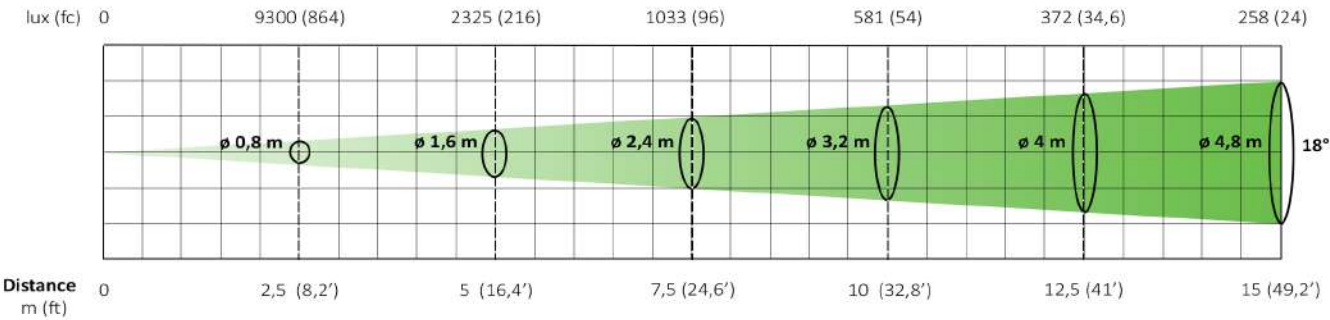
Projection Lens Focal 56 mm - Angle aperture 32° (I.D. ø30mm)
Total lumen output: 4.000 lm - Luminous efficacy: 80 lm/W - Optical Efficiency: 56%



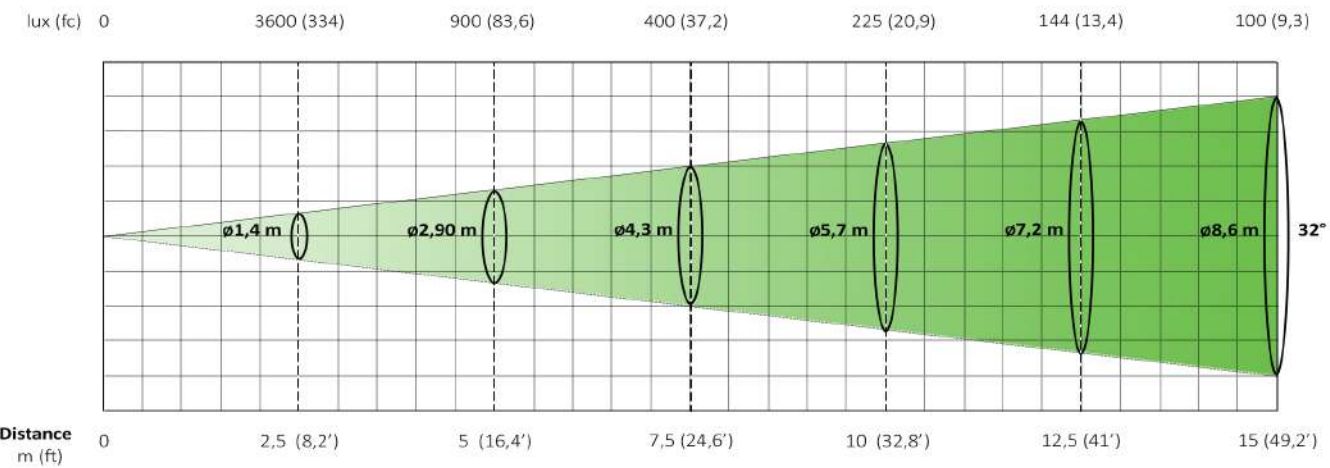
PHOTOMETRIC DIAGRAMS

SIGNUM ROTATOR 75W

Projection Lens Focal 90 mm- Angle aperture 18° (I.D. ø30mm)
Total lumen output: 4.900 lm- Luminous efficacy: 66 lm/W - Optical Efficiency: 51%



Projection Lens Focal 56 mm - Angle aperture 32° (I.D. ø30mm)
Total lumen output: 5.400 lm- Luminous efficacy: 72 lm/W- Optical Efficiency: 56%



CASE STUDIES



SIGNUM 100



Extreme power, total durability.

The new 100W LED projector is built to push: compact yet incredibly powerful, designed to deliver high performance even in the toughest conditions. Its rugged body and innovative design combine functionality, strength, and style.

Equipped with passive ventilation and an IP65 protection rating, it's fully shielded from dust, rain, and external agents. But that's not all:

a new cover-opening system makes the maintenance easier than ever, while the ability to quantify the tilt angle of the adjustable body ensures perfect beam alignment.

Easy to handle, impossible to stop.

It's the latest addition to the Signum family - and with its power and versatility, it sets a new benchmark for the entire range.



SIGNUM 100

BODY

Material	Aluminium
Protection Rating	IP65
IK Rating	IK09
Photobiological safety	Risk Group 2 for Signum 100W
Surface Finishing	Black Painting RAL 9005

POWER SUPPLY

Power mode	110-240V	50/60Hz
Protection Class (EN 60598-1)	Class I	
Efficiency	PF $\geq$ 0.97/115VAC, PF $\geq$ 0.95/230VAC, PF $\geq$ 0.92/277VAC at full load	
Power Consumption	88W for Signum 100W	
Max. number of devices for B16A/C16A switch (absorbed power)	41 pieces for 100 W	
Max. number of PSUs on 16A CIRCUIT BREAKER	8 units (circuit B)/14 units (circuit C) at 230VAC	
Inrush current (Typ.)	COLD START 50A (twidth=300 μ s measured at 50% I _{peak}) at 230VAC; Per NEMA 410	

MAIN FEATURES

Light Source	CITILED COB
Colour Temperature	5.000 °K
Gobo Size	O.D. $\varnothing$ 37,5mm - I.D. $\varnothing$ 30mm

Power Mode	100W		
Luminous Flux Source	11.941 lm		
Optical System	56 mm	90 mm	140 mm
Angular Aperture	32°	18°	12°
Illuminance max at 5m	1510	3425	9330
Optical Efficiency	65,7%	52%	49,1%
Total Lumen Output	7.851 lm	6.210 lm	5.865 lm
Luminous Efficacy	89 lm/W	71 lm/W	67 lm/W

OPTIONAL *

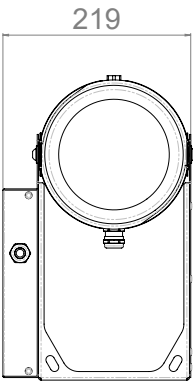
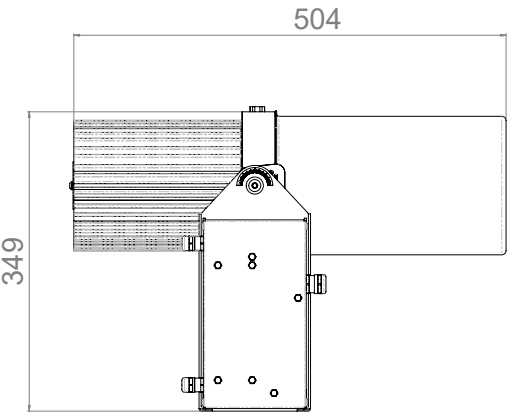
Controllable with Casambi via Android and IOS app (on / off - network creation - batch or single control
WIRELESS proximity sensor activation (creation of networks up to 32 units - operation under WIFI network or in Cloud)
Compatible with DALI and DMX networks

WEIGHT

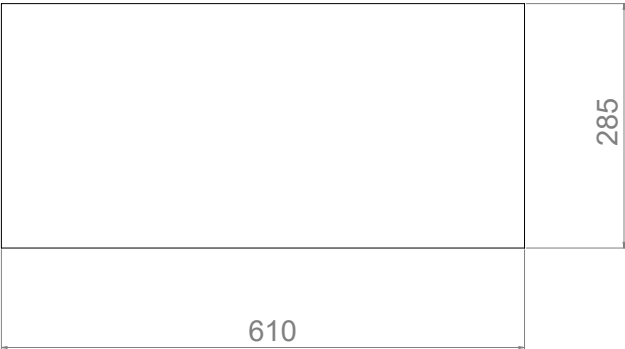
8,5 kg

DIMENSIONS

WITHOUT PACKAGING



WITH PACKAGING

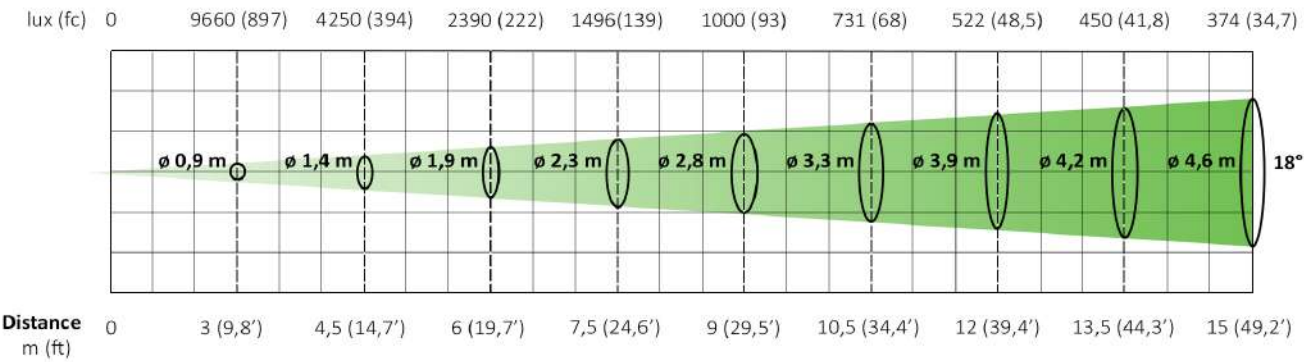


PHOTOMETRIC DIAGRAMS

SIGNUM 100W

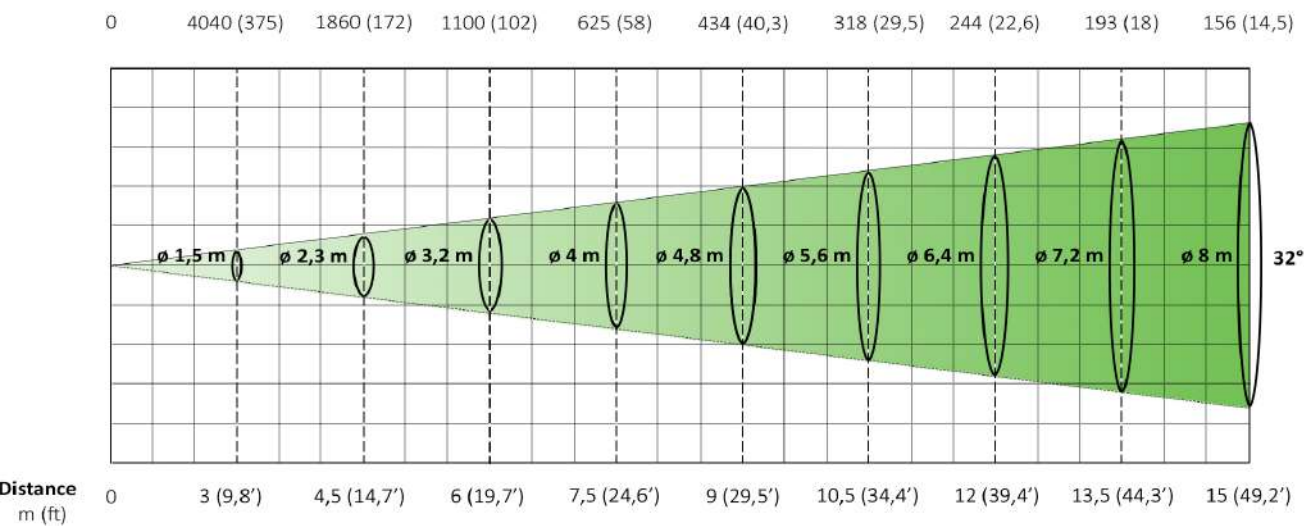
Projection Lens Focal 90 mm- Angle aperture 18° (I.D. ø30mm)

Total lumen output: 6.210 lm- Luminous efficacy: 71 lm/W - Optical Efficiency: 52%



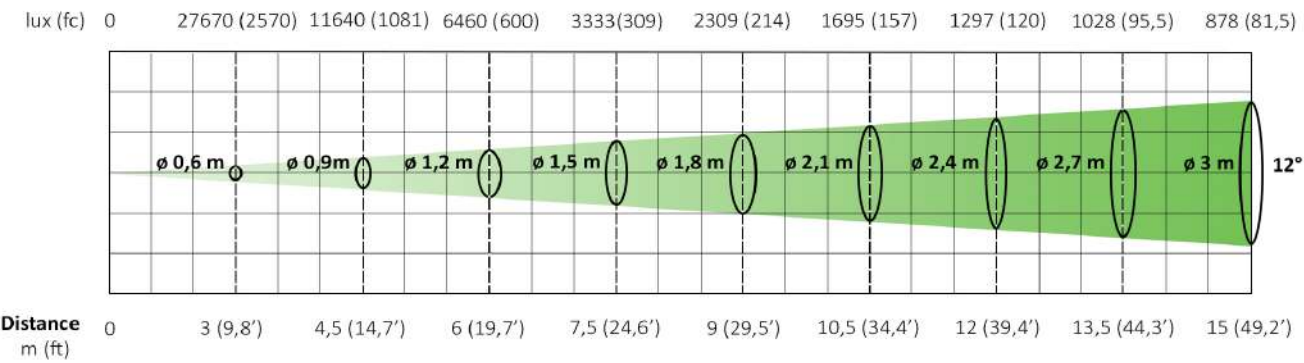
Projection Lens Focal 56 mm - Angle aperture 32° (I.D. ø30mm)

Total lumen output: 7.851 lm- Luminous efficacy: 89 lm/W- Optical Efficiency: 65,7%



Projection Lens Focal 140 mm- Angle aperture 12° (I.D. ø30mm)

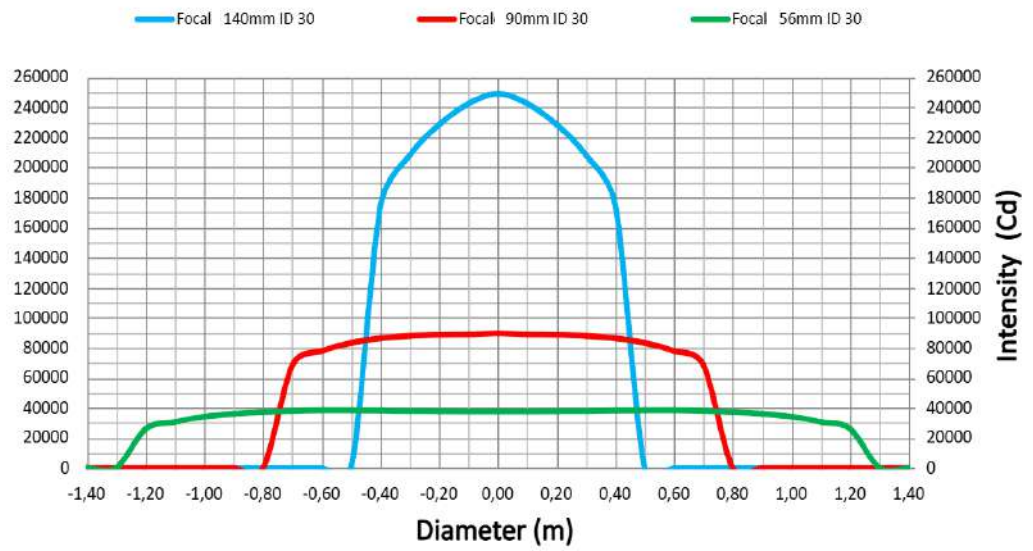
Total lumen output: 5.865 lm- Luminous efficacy: 67 lm/W - Optical Efficiency: 49%



PHOTOMETRIC DIAGRAMS

SIGNUM 100W

Illuminance Distribution [Cd] (Distance = 4,5)



CASE STUDIES



GOLINE

Projects a thick, permanent floor line that eliminates maintenance need required by floor tape and paint lines.

- Designed for Industrial Environments
- Wide power range
- Wide temperature range
- Maintenance free, no fans or motors
- Adjustable line length option



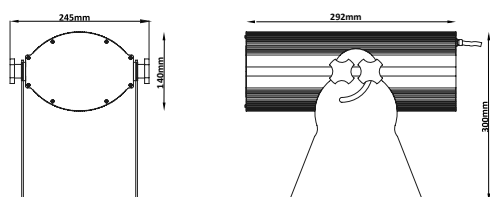
SPECIFICATION

Item Codes	GL-80/150 Yellow, GL-80/150 Green, GL-80/150 Blue, GL-80/150 Red
Power Supply	100-240/277VAC, 50/60Hz (Volt.Range: 90-305VAC, 48-63Hz; 127-431VDC)
Inrush Current	COLD START 75A (twidth=570us at 50% Ipeak) at 230VAC per NEMA 410
Units per Breaker	20A Type C: 11 units, 16A Type C: 9 units
Control Input Signals	1-10V, 10-100KOhm, PWM, Dry Switch (for on/off or dimming)
Environmental Rating	Driver: IP67, Projector: IP65
Safety Standards	EC: EN IEC 60598-1:2021, N IEC 60598-2-1:2021, Driver: UL E334687
Driver	Meanwell HLG or MOSO
Temperature Range	150W: -13°F to 104°F (-25°C to 40°C) 80W: -13°F to 113°F (-25°C to 45°C)
Rated Life	LED: 35,000h (L70*)
MTBF	Driver: 192,000h
Projection Colors	Yellow, Green, Red, Blue (colors are pre-configured and not interchangeable)
Line Width	75 to 125mm depending on projection distance
Projection Lenses	53° 73° 90°
Product Warranty	2 years from date of purchase

Power Mode	80W	150W
Power Draw	80W, 0.7A/115V, 0.3/277V	150W, 1.6A/115V, 0.7A/277V900
Power Cord	Length: 1.8m, Plug: Nema 5-15	Length: 1.4m, Plug: Nema 5-15
Typ. projection range	Bright Env. Average Env. Dim. Env.	Bright Env. Average Env. Dim. Env.
Typ. Usable Line Lenght	8.5m 11m 18m	11.6m 14m 24m
At typ. distance (dep. on lens)	4.6/6.3/9m 6/10/12m 9.7/13/19m	6.2/8.3/12.5m 7.5/10/15m 12/16/24m
Line Lenght Adjustment	Yes, with optional blinders	Yes, with optional blinders

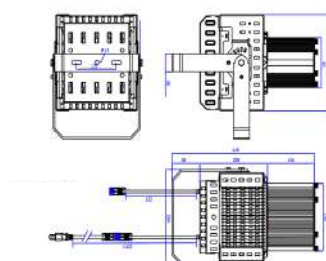
WEIGHT 80W

5.3 kg



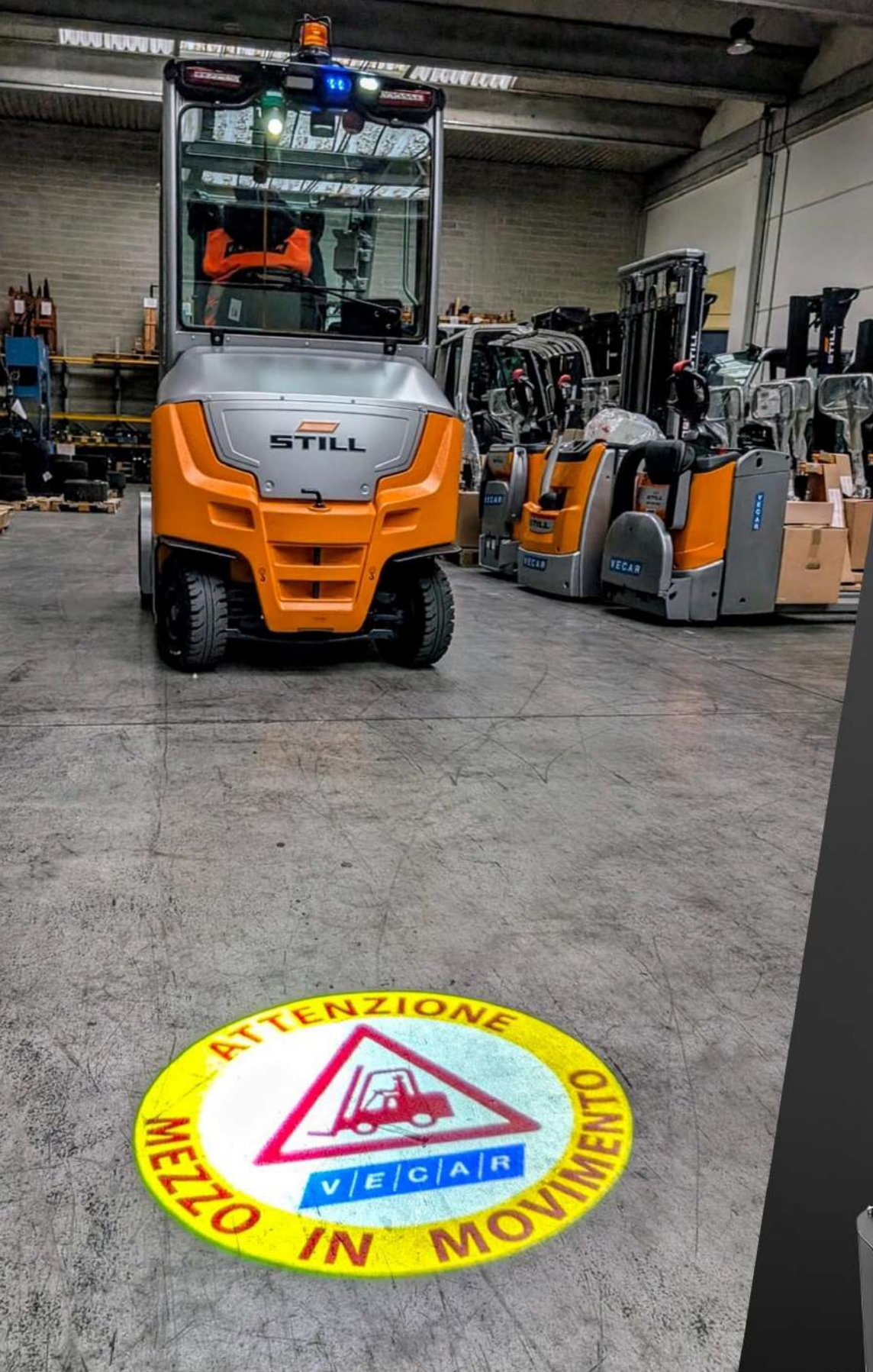
WEIGHT 150W

8.2 kg



PHOTOMETRY

Model Gobo	Lens	Beam Mult	Value	Projection Distance in meters (mt)												
GoLine 80 Yellow and Green	53°	0,93	Size (mt)	2,75	3,66	4,575	6,1	7,32	9,15	11	11,9	14	15,9	18,3	20,1	
			Brightness(lux)	2,56	3,42	4,27	5,67	6,60	8,51	10,22	10,98	13,12	14,64	17,08	18,61	
	73°	1,4	Size (mt)	3,84	5,12	6,41	8,54	10,25	12,81	15,37	16,65	19,84	22,20	25,62	28,16	
			Brightness(lux)	6630,00	3898,18	2493,55	1402,62	976,64	623,39	436,37	374,03	270,13	207,80	155,88	124,68	
	90°	1,86	Size (mt)	5,09	6,80	8,51	11,35	13,73	17,08	20,44	22,27	26,23	29,59	34,16	37,52	
			Brightness(lux)	5563,00	3130,00	2000,00	1130,00	760,00	500,00	350,00	300,00	210,00	170,00	130,00	100,00	
GoLine 150 Yellow and Green	53°	0,93	Size (mt)	2,56	3,42	4,27	5,67	6,60	8,51	10,22	10,98	13,12	14,64	17,08	18,61	
			Brightness(lux)	10233,00	5750,57	3676,46	2072,20	1434,60	919,62	637,60	545,04	395,37	306,54	232,97	190,05	
	73°	1,4	Size (mt)	3,84	5,12	6,41	8,54	10,25	12,81	15,37	16,65	19,84	22,20	25,62	28,16	
			Brightness(lux)	8640,00	4861,23	3111,18	1760,04	1218,54	777,79	537,97	460,33	330,56	259,26	194,45	162,04	
	90°	1,86	Size (mt)	5,09	6,80	8,51	11,35	13,73	17,08	20,44	22,27	26,23	29,59	34,16	37,52	
			Brightness(lux)	7200,00	4047,30	2591,26	1456,04	1011,63	647,81	460,39	395,33	277,63	215,94	160,41	135,73	



GOBOSAFE

Gobosafe is an LED projector specifically designed for industrial environments with high human-machine interaction. It allows the projection of visual warning signals to enhance perceived safety and reduce the risk of collisions between pedestrians and vehicles, or between moving equipment. It can be used on electric or combustion-powered industrial vehicles, including forklifts, stackers, order pickers, aerial work platforms (AWPs), and other warehouse or logistics vehicles.



GOBOSAFE 30

BODY

Material	Aluminium
Protection Rating	IP54
IK Rating	IK09
Photobiological safety	Risk Group 2
Surface Finishing	Black Painting RAL 9005

POWER SUPPLY

Power Mode	12V or 24V
Protection Class (EN 60598-1)	Class I
Power Consumption	21W

MAIN FEATURES

Light Source	XC-FCW8-9-2.0
Colour Temperature	8.500 K
Gobo Size	O.D. ø37,5mm - I.D. ø30mm
Power Mode	25W
Luminous Flux Source	3500 lm
Optical System	130 mm
Angular Aperture	13°
Illuminance max at 5m	1650
Optical Efficiency	53%
Total Lumen Output	1842 lm
Luminous Efficacy	88 lm/W

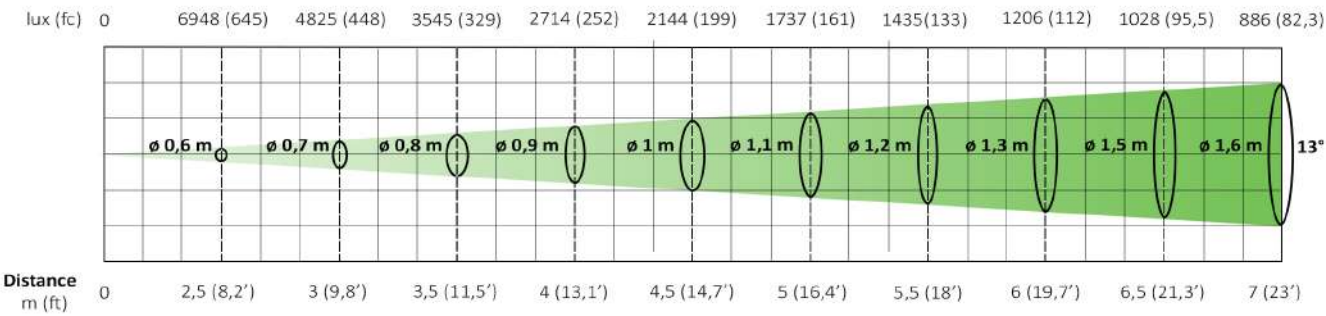
WEIGHT

1,9 kg

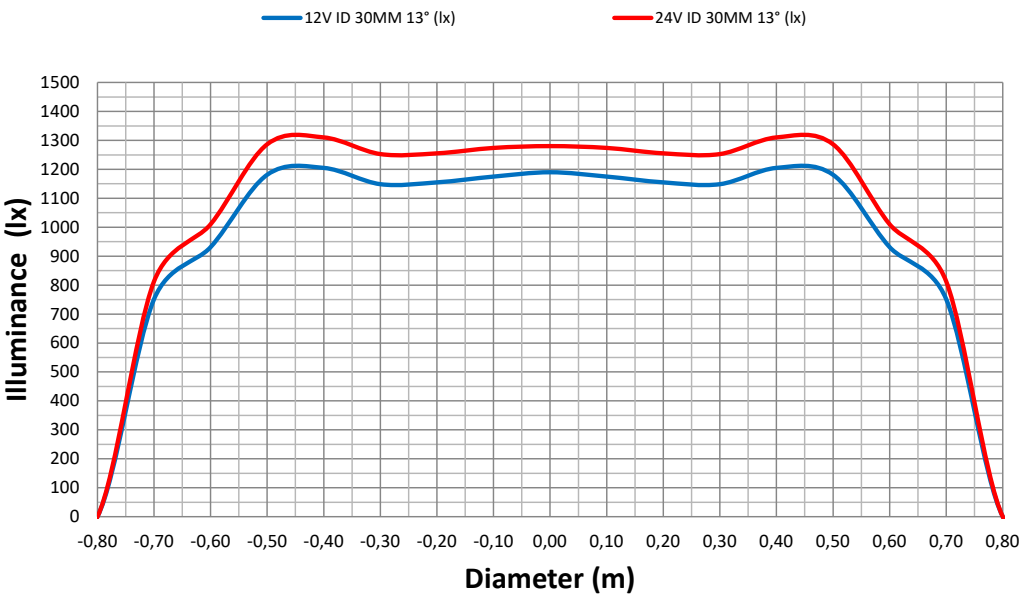
PHOTOMETRIC DIAGRAMS

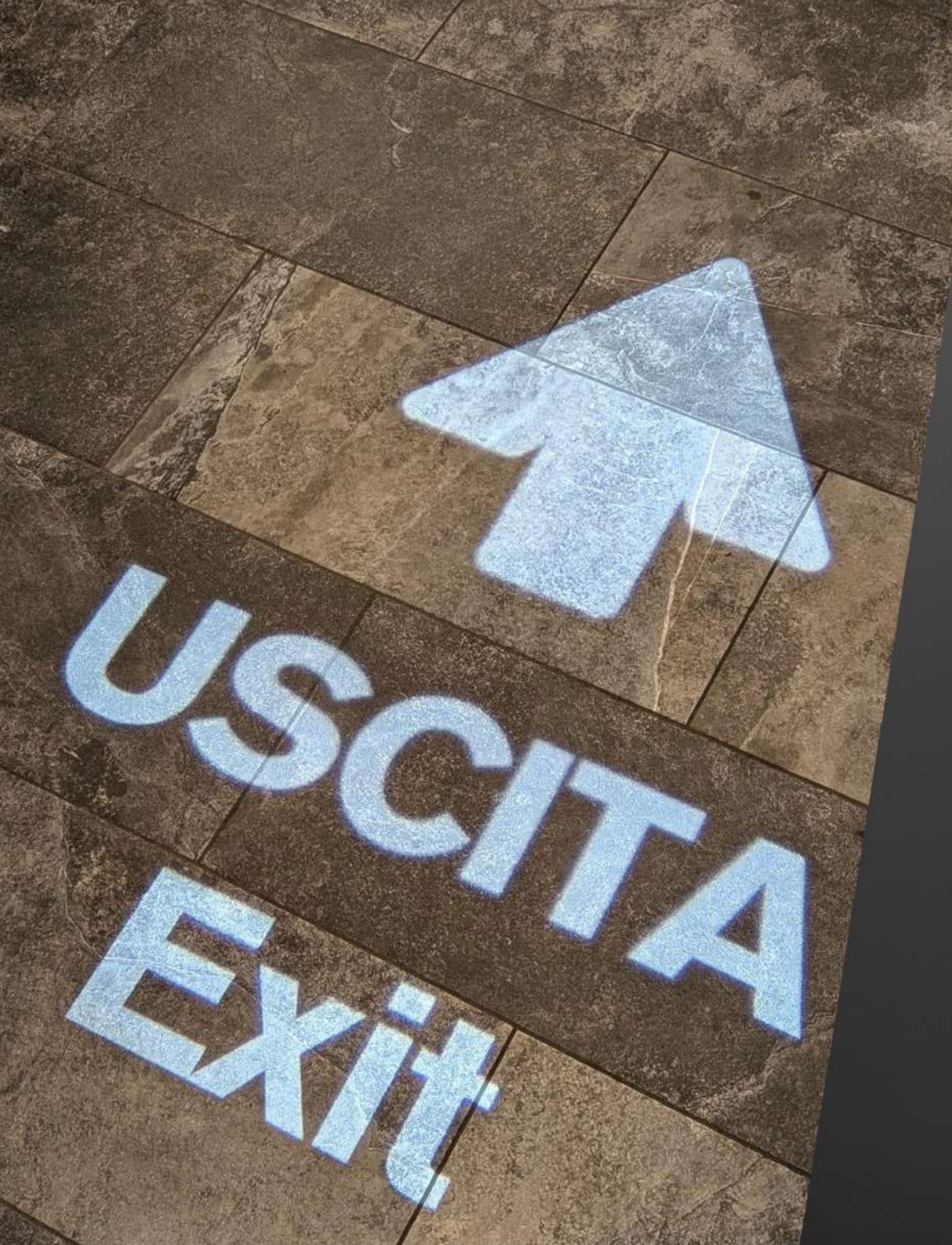
GOBOSAFE 30

Projection Lens Focal 130 mm- Angle aperture 13° (I.D. ø30mm)
Total lumen output: 1.842 lm- Luminous efficacy: 88 lm/W - Optical Efficiency: 53%



Illuminance distribution Distance = 6,10 m





GOESY EMB

Simple to use, the GOESY EMB 30W is ideal for recessed installations where it is necessary to mask the presence of the projector.

The body is made of aluminum alloy and the visible part is available in three colors, black, white or natural alloy.

It is recommended for applications involving the projection of slogans, logos, or advertisements.



GOESY EMB 30W

BODY

Material	Aluminium alloy
Protection Rating	IP20
Surface Finishing	Black Oxide

POWER SUPPLY

Power Mode	30W
	220V 50/60Hz

MAIN FEATURES

Light Source	CREE High Power LED
Rated Life	30.000 hr
Luminous Flux Source	2700 lm
Colour Temperature	9600°K
Optical Efficiency	23°
Gobo Size	ID 30 mm

WEIGHT

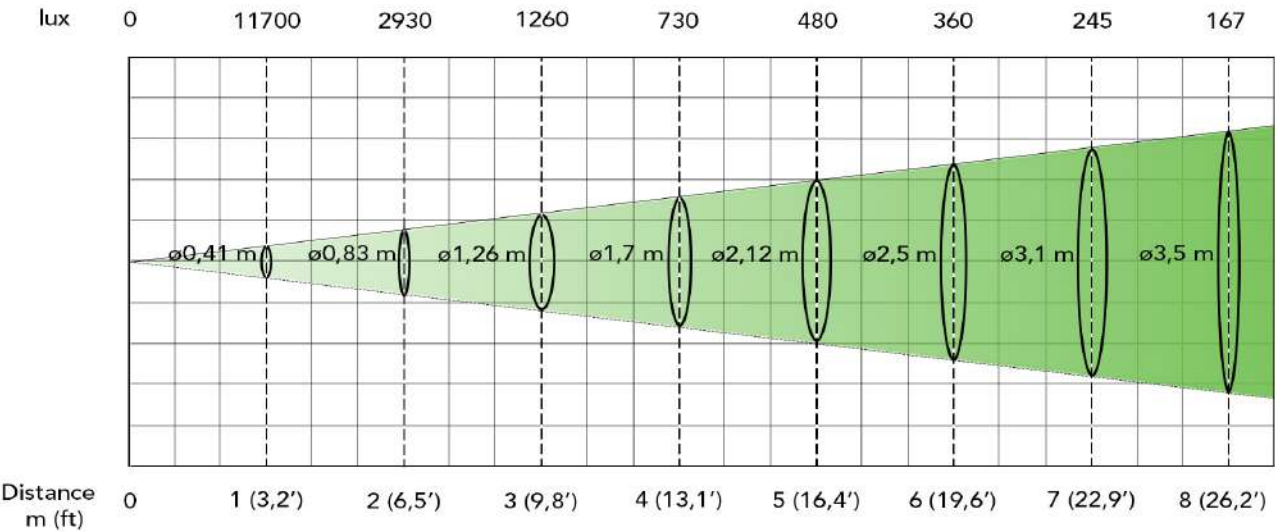
1,4 kg



PHOTOMETRIC DIAGRAMS

GOESY EMB 30W

Angle aperture 23° (I.D. ø30mm)



APPLICATIONS

Unlike traditional signage, which requires replacing signals as changes updates occur, the projected safety marking provides a quick and efficient update process. you can change and adjust projected movements in real time, adapting to new regulations, procedures or changes in the work environment. This approach saves time and resources by minimizing the interruption of work activities.



Control boxes allow you to integrate interactive elements such as light arrows or alerts that are activated to specific safety conditions to increase employee awareness and provide optimal response times.



The projected safety signs offer also a modern and aesthetically agreeable design that fits harmoniously into the work environment. In addition, the projected markings can be customized to reflect the company's visual identity or adapt to the context of the area. This improves also not only the overall working area but also makes the signals more attractive and practical, encouraging workers to respect the safety standards.



PK=18+153,90

PK=18+147,90

← -0,20
↖ ARCO

Projected safety markings represent a significant improvement from traditional signs. Better visibility, ease of updating, interactive functionality and modern design help to improve the workplace safety and promote a safer and more productive work environment.



Projected marking is an effective solution for conveying safety messages in industrial environments. Goboservice has designed and manufactured its own projectors specifically for this type of application in Italy. These devices ensure perfect signal visibility in all conditions, in addition to maximum reliability and safety.



NOTES

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