

# 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. The real surprise of this small 50W LED projector is its brightness: 2.163 lux at a distance of 5 meters (with 18° lens), making it the best energy efficiency projector on the market today.



# SIGNUM

## MODEL

## CODE

<b>Signum 25W-M</b>	<b>111A300</b>
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Lens 70 mm	1119300
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<b>Signum 50W-W</b>	<b>111B200</b>
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Lens 56 mm	1119200
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<b>Signum 50W-N</b>	<b>111B100</b>
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Lens 90 mm	1119100
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<b>Signum 75W-W</b>	<b>111C200</b>
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Lens 56 mm	1119200
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<b>Signum 75W-N</b>	<b>111C100</b>
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Lens 90 mm	1119100
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## ACCESSORIES

Lens 56 mm	1119200
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Lens 90 mm	1119100
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Motion sensor	RIL0001
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Pole mounting bracket	1115000
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Extension cable L 1.5m	CAB0019
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Electric plug Schuko IP54	SPN0001
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## SIGNUM

### BODY

Material	Aluminium
Protection Rating	IP65
IK Rating	IK09
Surface Finishing	Painting Black RAL 9005

### POWER SUPPLY

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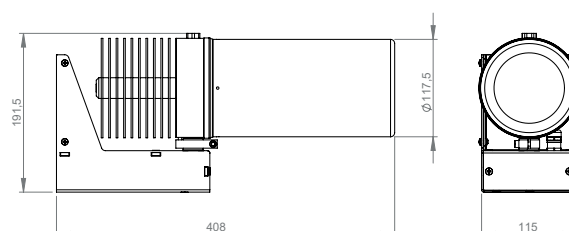
### MAIN FEATURES

Light Source	CITILED COB
Colour Temperature	6.000 °K
Gobo Size	O.D. ø37,5mm - I.D. ø30mm

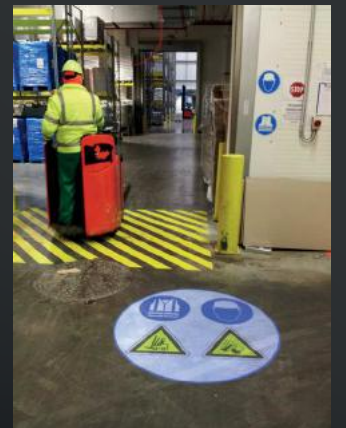
Power Mode	25W	50W		75W	
Luminous Flux Source	4.000 lm	7.100 lm		9.600 lm	
Optical System	70 mm	56 mm	90 mm	56 mm	90 mm
Angular Aperture	25°	32°	18°	32°	18°
Illuminance max at 5m	297	700	1825	900	2325
Optical Efficiency	25%	56%	51%	56%	51%
Total Lumen Output	<b>1.000 lm</b>	<b>4.000 lm</b>	<b>3.600 lm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

### WEIGHT

6 kg



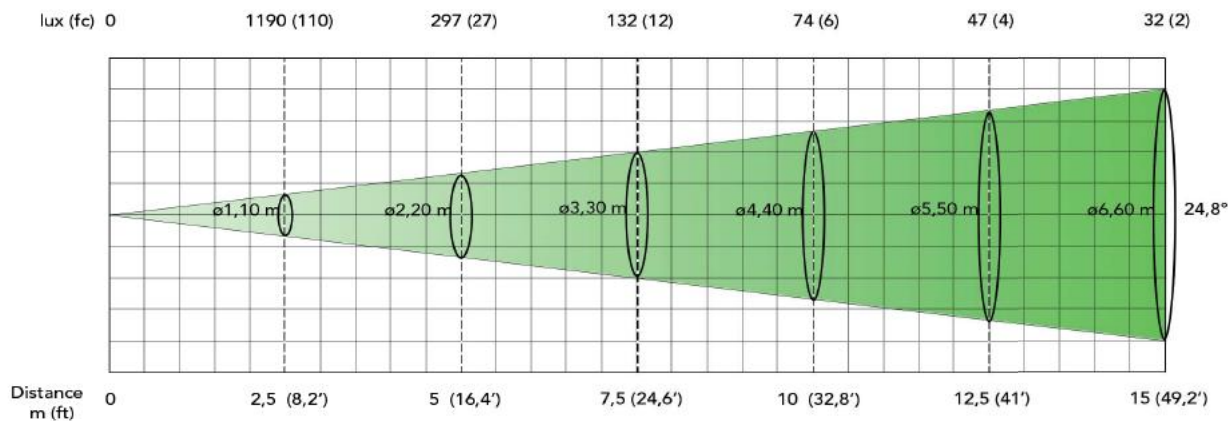
# CASE STUDIES



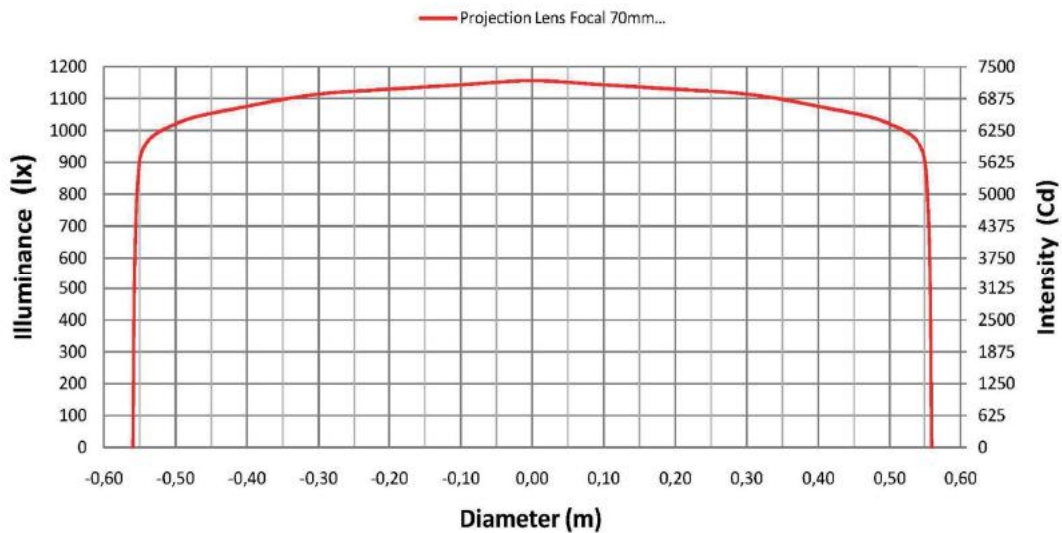
# PHOTOMETRIC DIAGRAMS

## SIGNUM 25W

Projection Lens Focal 70 mm - Angle aperture 25° (I.D.  $\varnothing$ 30mm)  
 Total lumen output: 1.000 lm - Luminous efficacy: 40 lm/W - Optical Efficiency: 25%



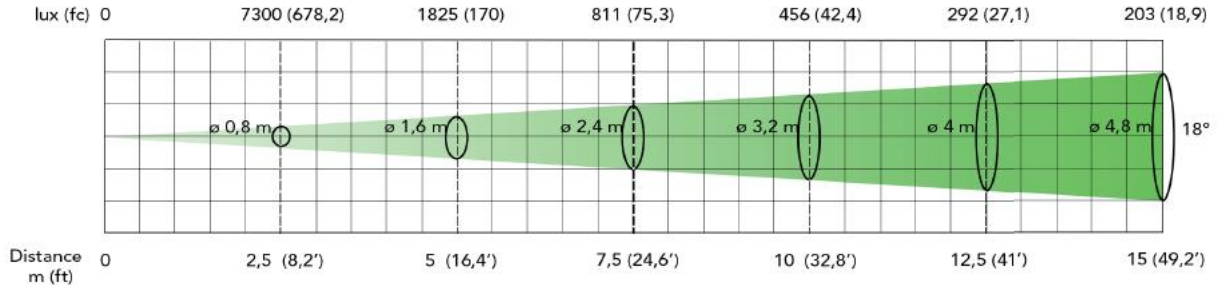
Illuminance distribution SIGNUM 25W (Distance = 2,5 m)



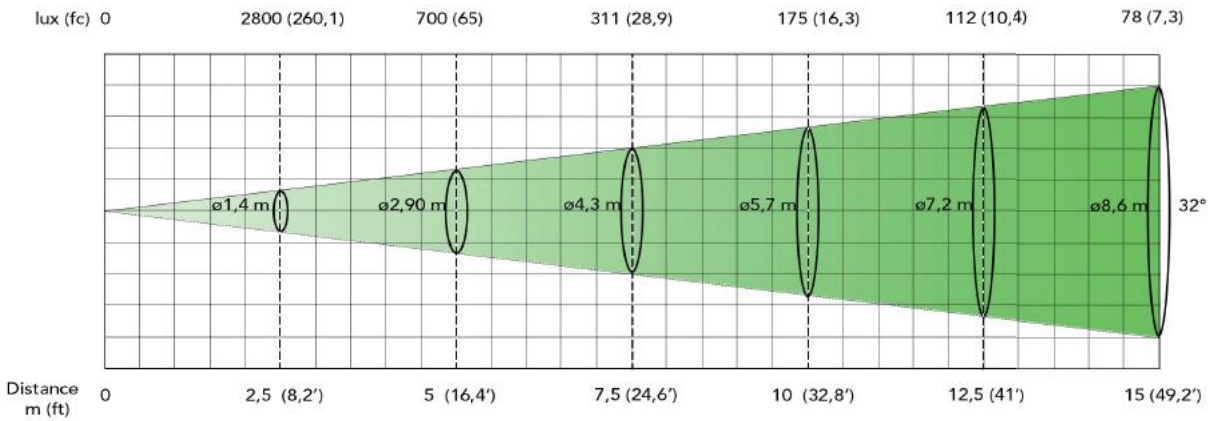
# PHOTOMETRIC DIAGRAMS

## SIGNUM 50W

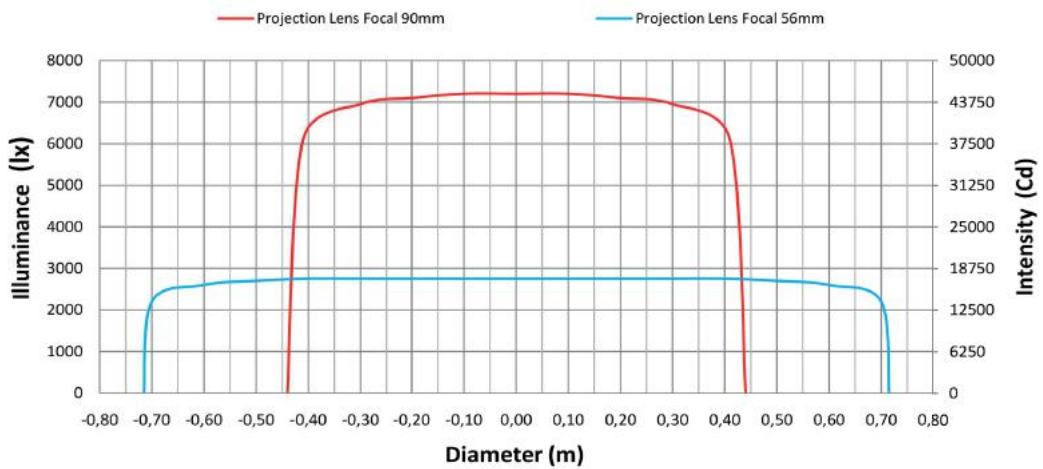
Projection Lens Focal 90 mm - Angle aperture 18° (I.D. ø30mm)  
 Total lumen output: 3.600 lm - Luminous efficacy: 72 lm/W - Optical Efficiency: 51%



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%



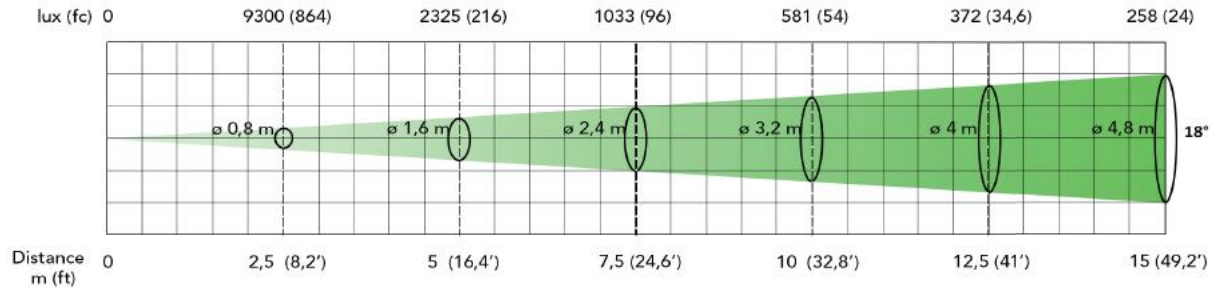
Illuminance distribution SIGNUM 50W (Distance = 2,5 m)



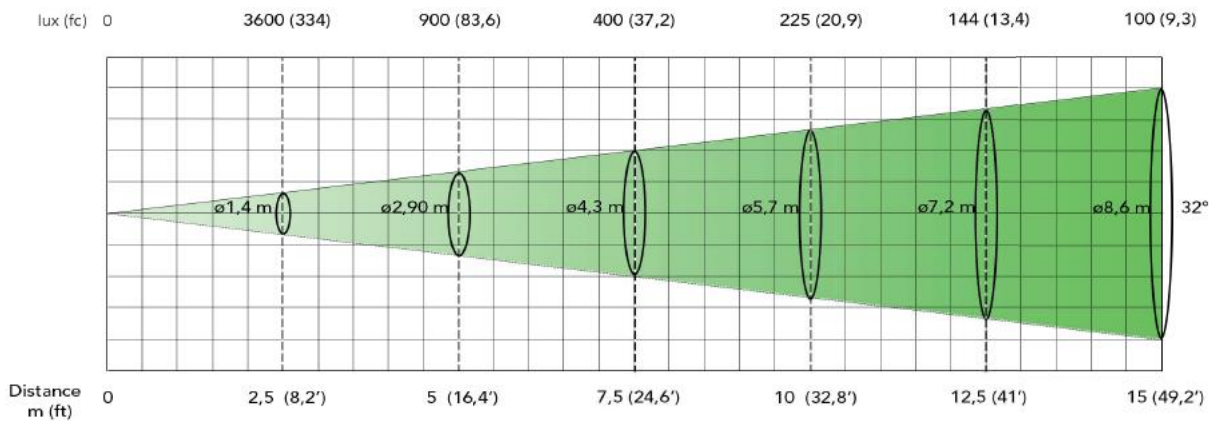
# PHOTOMETRIC DIAGRAMS

## 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%



Illuminance distribution SIGNUM 75W (Distance = 2,5 m)

