

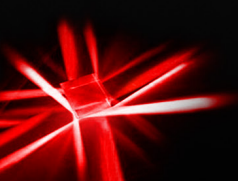
# SIGNUM



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****BODY**

Material	Aluminium
Protection Rating	IP65
IK Rating	IK09
Surface Finishing	Black Painting 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		Line
Luminous Flux Source	4.000 lm		7.100 lm			9.600 lm		9.610 lm
Optical System	70 mm	56 mm	90 mm	140 mm	56 mm	90 mm	140 mm	Line Lens
Angular Aperture	25°	32°	18°	12°	32°	18°	12°	65°
Illuminance max at 5m	297	700	1825	4700	900	2325	6100	1520
Optical Efficiency	25%	56%	51%	49%	56%	51%	48%	36%
Total Lumen Output	<b>1.000 lm</b>	<b>4.000 lm</b>	<b>3.600 lm</b>	<b>3.460 lm</b>	<b>5.400 lm</b>	<b>4.900 lm</b>	<b>4.650 lm</b>	<b>3.400 lm</b>
Luminous Efficacy	40 lm/W	80 lm/W	72 lm/W	69 lm/W	72 lm/W	66 lm/W	62 lm/W	45 lm/W

**OPTIONAL \***

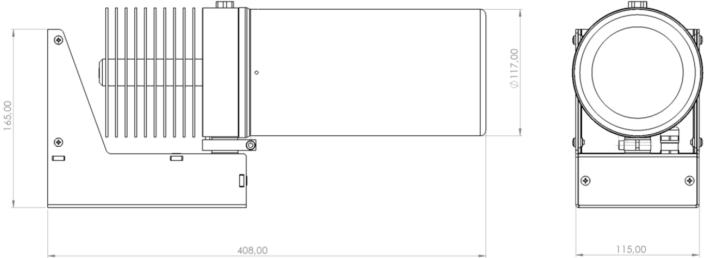
Controllable with Casambi via Android and IOS app (on / off - network creation - batch or single control

WIRELESS proximity sensor activation (creation of networks up to 32 units - operation under WIFI network or in Cloud)

Compatible with DALI and DMX networks

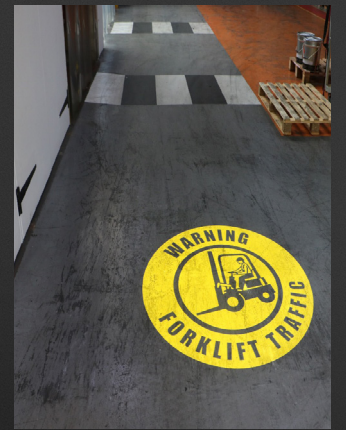
**WEIGHT**

6 kg



\*extra cost to be calculated

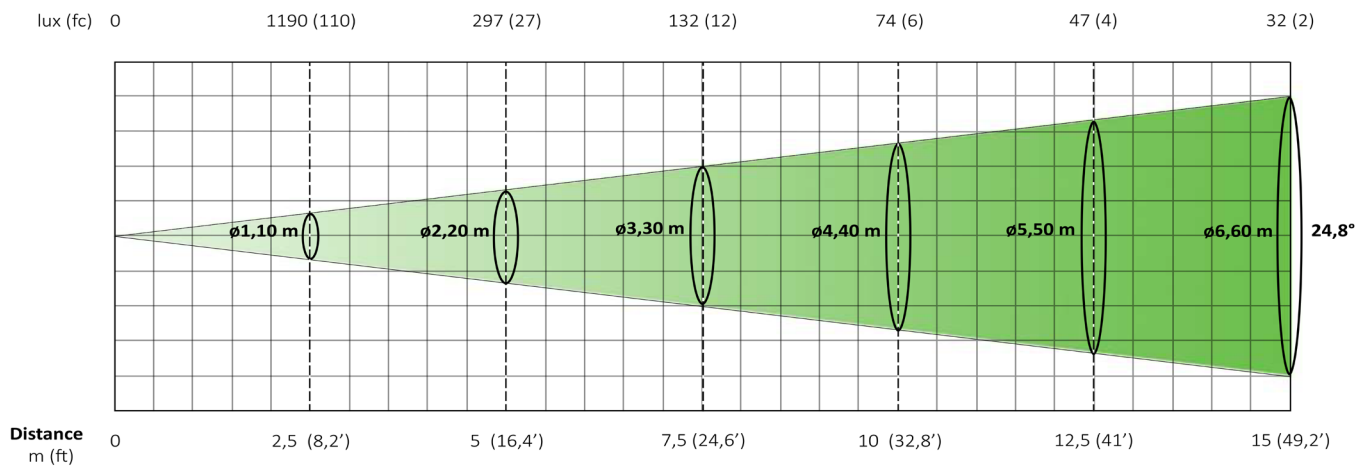
# CASE STUDIES



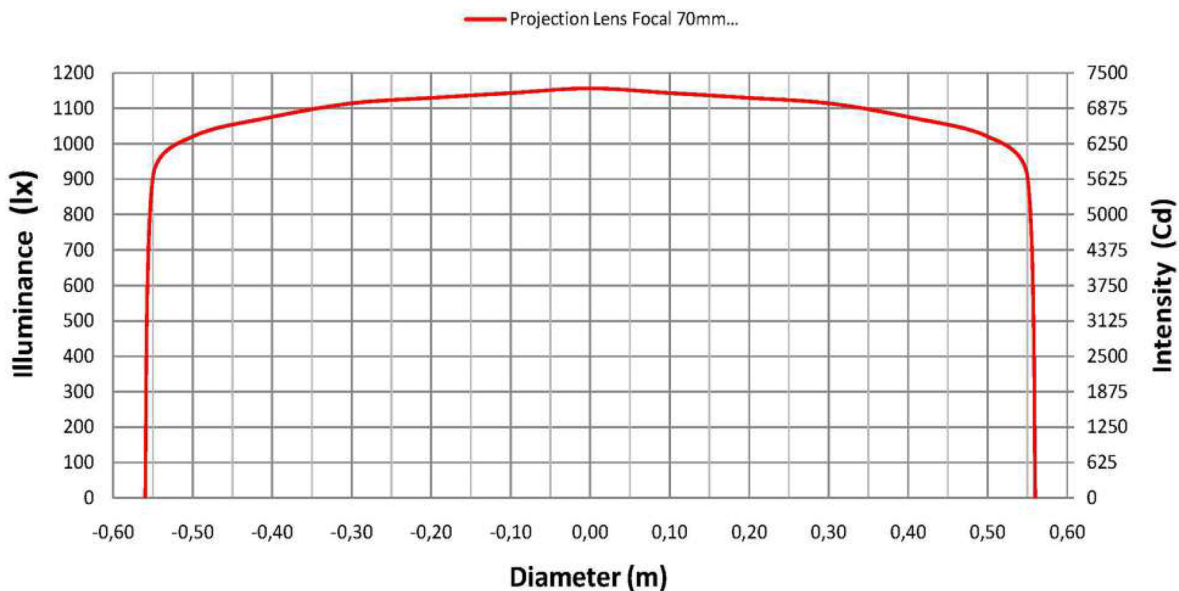
# PHOTOMETRIC DIAGRAMS

## 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%**



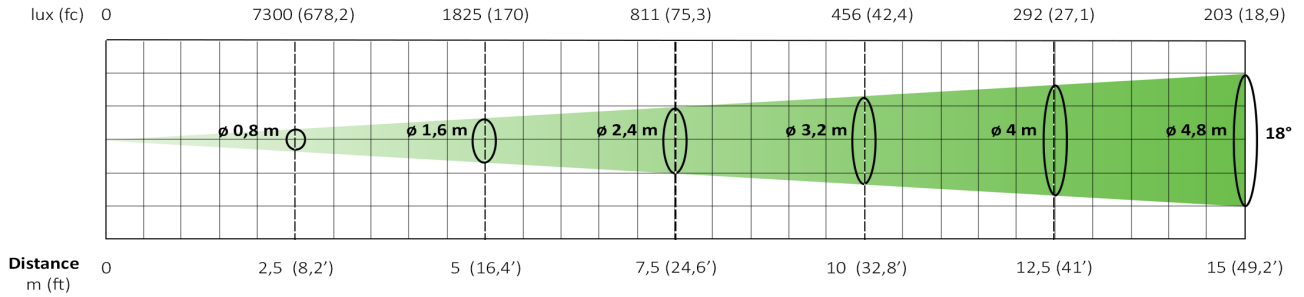
Illuminance distribution SIGNUM 25W (Distance = 2,5 m)



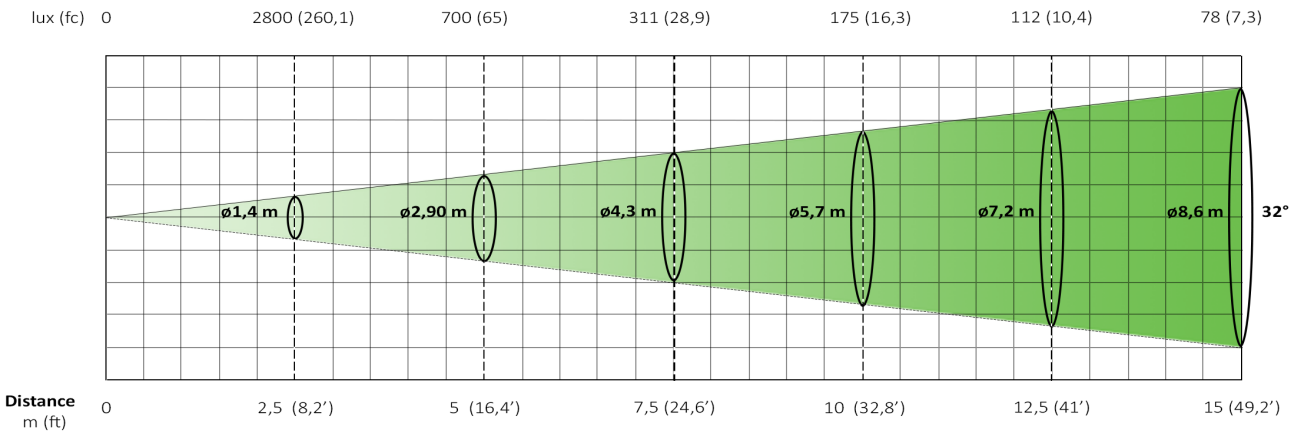
# PHOTOMETRIC DIAGRAMS

## SIGNUM 50W

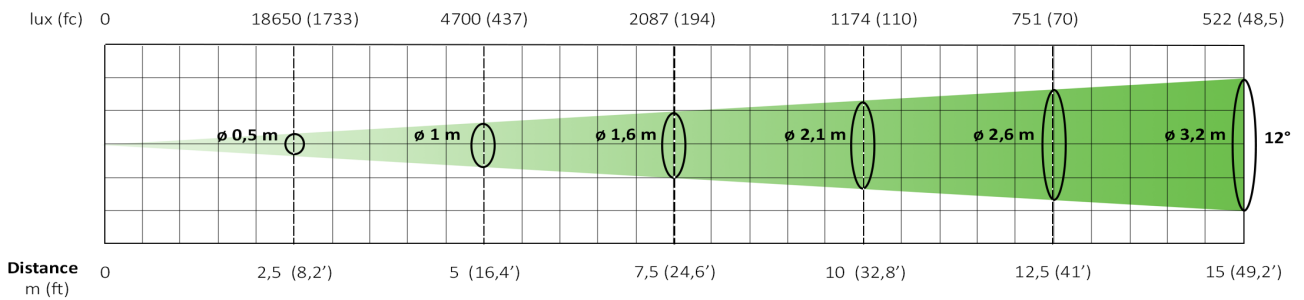
Projection Lens Focal 90 mm - Angle aperture 18° (I.D. ø30mm)  
 Total lumen output: 3.600 lm - Luminous efficacy: 72 lm/W - Optical Efficiency: 51%



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%



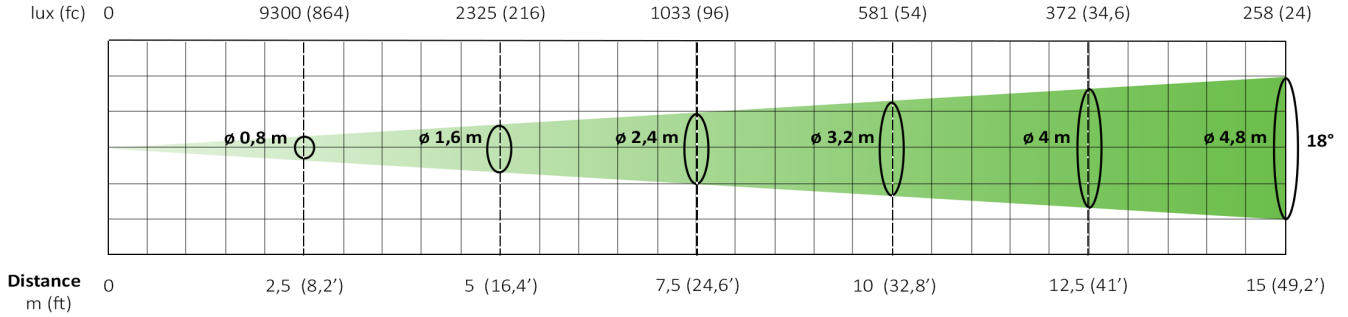
Projection Lens Focal 140 mm - Angle aperture 12° (I.D. ø30mm)  
 Total lumen output: 3.460 lm - Luminous efficacy: 69 lm/W - Optical Efficiency: 49%



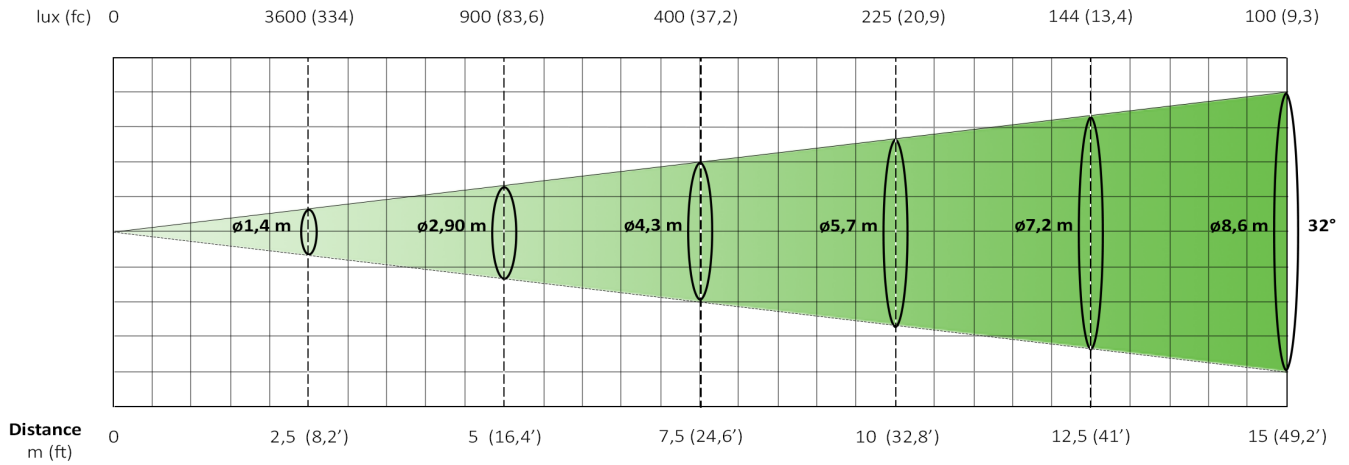
# PHOTOMETRIC DIAGRAMS

## SIGNUM 75W

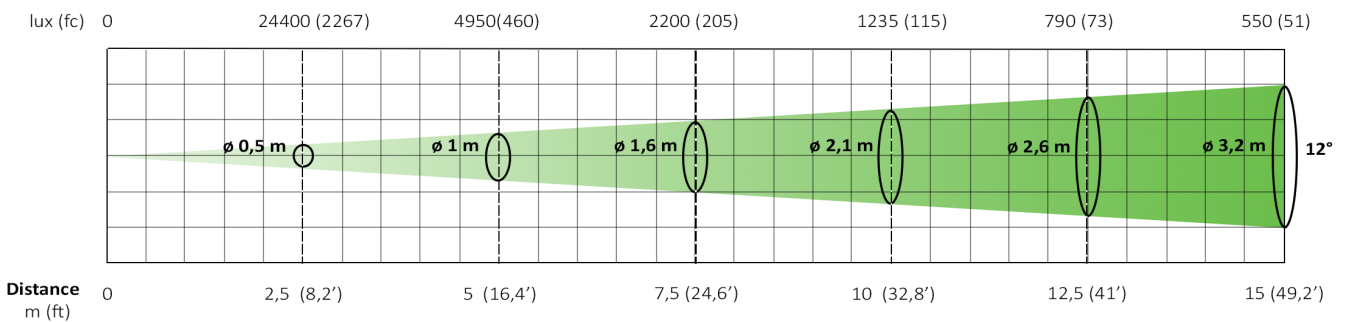
Projection Lens Focal **90 mm**- Angle aperture **18°** (I.D.  $\varnothing$ 30mm)  
 Total lumen output: **4.900 lm**- Luminous efficacy: **66 lm/W** - Optical Efficiency: **51%**



Projection Lens Focal **56 mm** - Angle aperture **32°** (I.D.  $\varnothing$ 30mm)  
 Total lumen output: **5.400 lm**- Luminous efficacy: **72 lm/W**- Optical Efficiency: **56%**

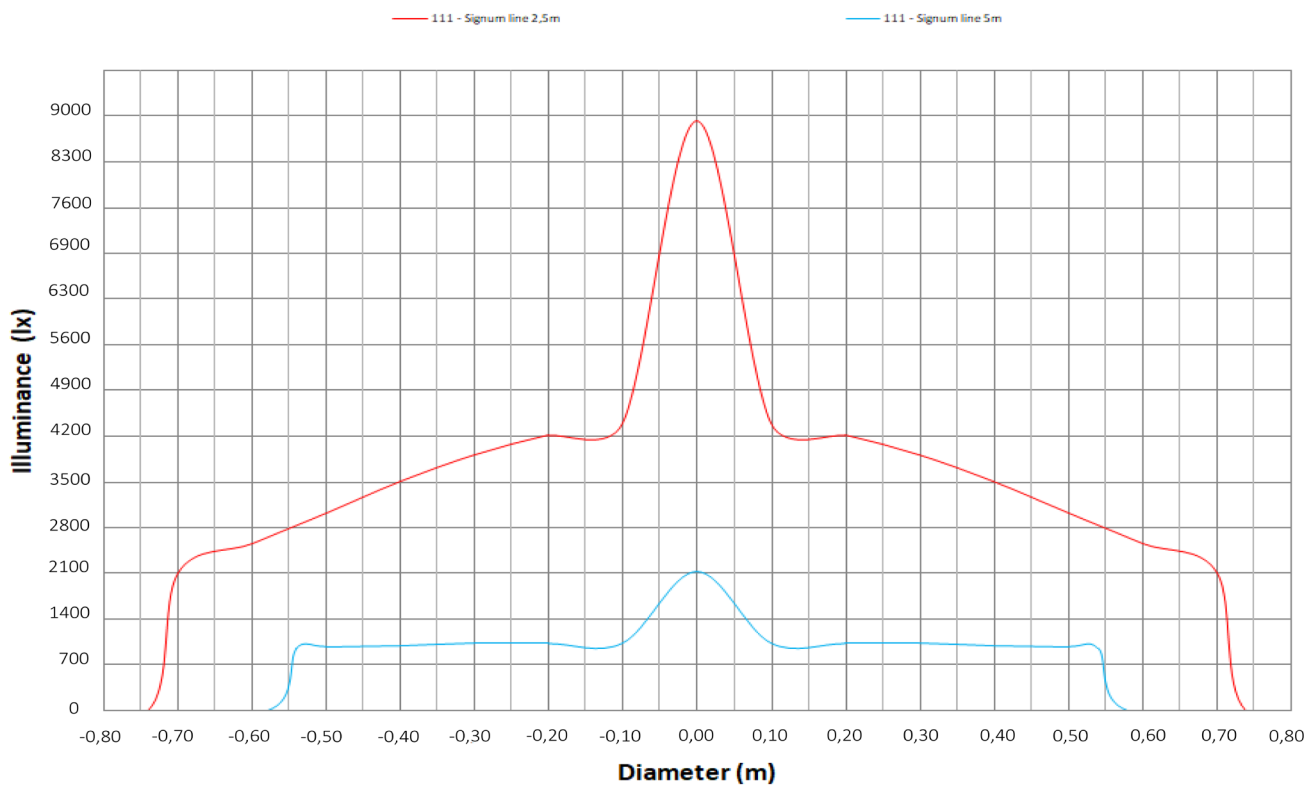
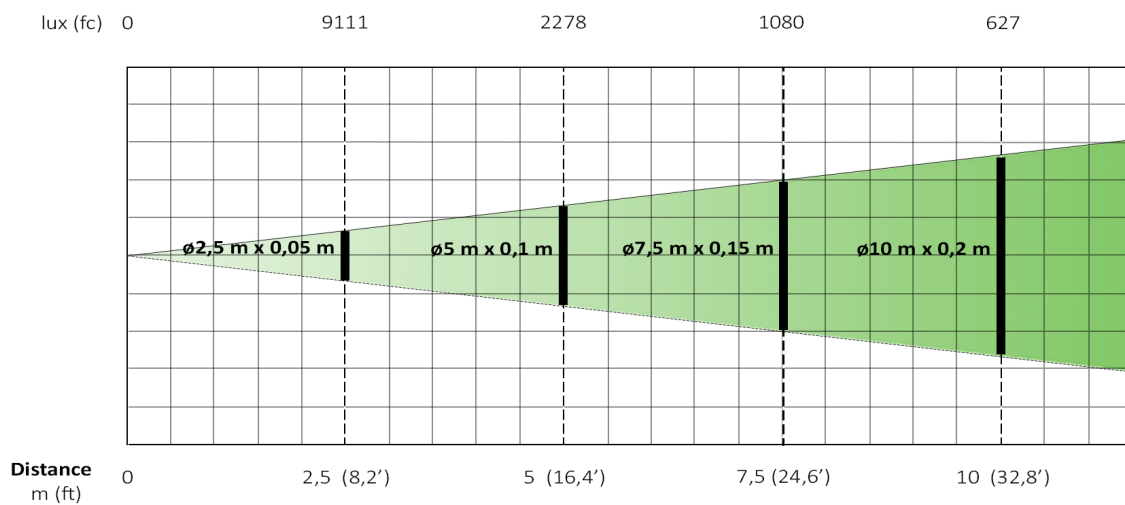


Projection Lens Focal **140 mm**- Angle aperture **12°** (I.D.  $\varnothing$ 30mm)  
 Total lumen output: **4650 lm**- Luminous efficacy: **62 lm/W** - Optical Efficiency: **48%**



# PHOTOMETRIC DIAGRAMS

## SIGNUM LINE



# SIGNUM

## MODEL

## CODE

<b>Signum 25W-M</b>	<b>111A300</b>
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Signum 25W	111A000
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Lens 70 mm	1119300
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<b>Signum 50W-W</b>	<b>111B200</b>
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Signum 50W	111B000
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Lens 56 mm	1119200
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<b>Signum 50W-N</b>	<b>111B100</b>
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Signum 50W	111B000
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Lens 90 mm	1119100
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<b>Signum 50W-XN</b>	<b>111B600</b>
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Signum 50W_x	111B500
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Lens 140 mm	1119500
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<b>Signum 75W-W</b>	<b>111C200</b>
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Signum 75W	111C000
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Lens 56 mm	1119200
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<b>Signum 75W-N</b>	<b>111C100</b>
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Signum 75W	111C000
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Lens 90 mm	1119100
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<b>Signum 75W-XN</b>	<b>111C600</b>
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Signum 75W_x	111C500
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Lens 140 mm	1119500
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<b>Signum 45W-L</b>	<b>111CL00</b>
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Signum 45W	111C000
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Lens Line f100	1119445
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<b>Signum 50W-WR</b>	<b>111F200</b>
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Signum 50W_r	111F000
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Lens 56mm	1119200
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<b>Signum 50W-NR</b>	<b>111F100</b>
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Signum 50W_r	111F000
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Lens 90mm	1119100
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# SIGNUM

## MODEL

## CODE

<b>Signum 75W-WR</b>	<b>111E200</b>
Signum 75W_r	111E000
Lens 56 mm	1119200

<b>Signum 75W-NR</b>	<b>111E100</b>
Signum 75W_r	111E000
Lens 90 mm	1119100

## ACCESSORIES

Extension cable L 1.5m	CAB0019
Electric plug Schuko IP54	SPN0001
Motion sensor	RIL0001
Control Box Wired/Wireless	RIL0003
Pole mounting bracket	1115000