



These projectors are made of die-cast aluminum and use the latest generation LEDs. Thanks to a wide range of accessories, the Front Light indoor spotlight can be used to create lighting setups which make shops and commercial spaces seem more dynamic and attractive, guaranteeing precise lighting of items, avoiding glare and offering a high visual comfort.

Luminaire characteristic:

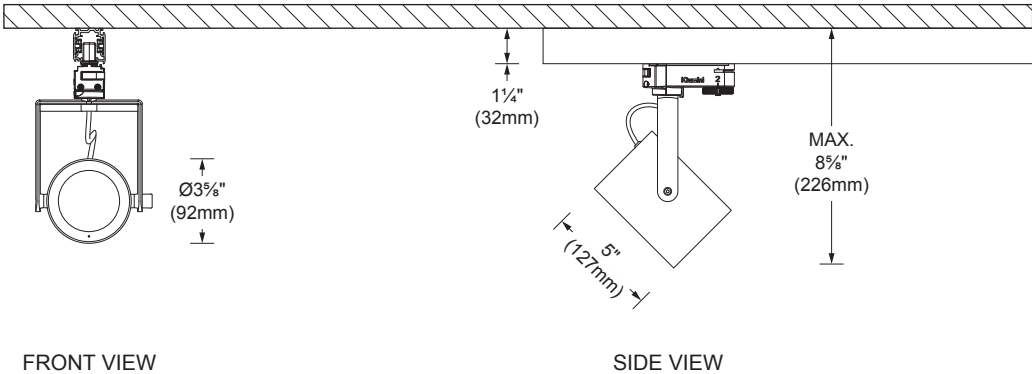
Power input: 7.5W to 52W
Lumens: 235 to 5205lm (for 3000K, 80CRI)
Luminaire efficacy: up to 107lm/W

Source:	White LED (LM-80 tested) 3000K : 80 or 90CRI, 4000K : 80CRI.
Lumen maintenance:	80% of initial lumens at 50 000 hours (L80).
Optic:	Super Spot, Spot, Medium, Flood and Wide Flood.
Material:	Optical body and arm: Die-cast aluminum Accessory holder ring: thermoplastic Reflector: formed aluminum (all optics except Super Spot) Lens: methacrylate (only for Super Spot optic) Protective screen: glass.
Mounting:	Track adaptor with circuit selector for two circuits track. Also, compatible with TEK or HTEK from Nordic Aluminum.
Electrical:	Integral high efficiency power supply 120 / 277V
Dimming:	Leading (Triac) and trailing edge (LTE) dimming available, for 120V only (10% minimum dimming).
Finish:	White RAL9010, Black.
Weight:	Mini: 2.2lb (1kg) Small: 3.1lb (1.4kg) Large: 4.4lb (2kg)
Warranty:	5 year limited warranty.
Rating:	IP20 - IP40 for optical assembly
Certification:	 Damp location

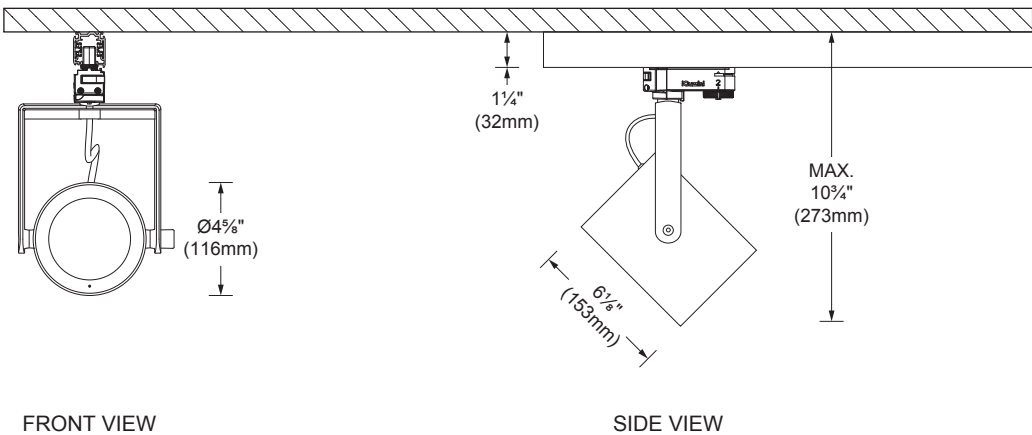


DIMENSION

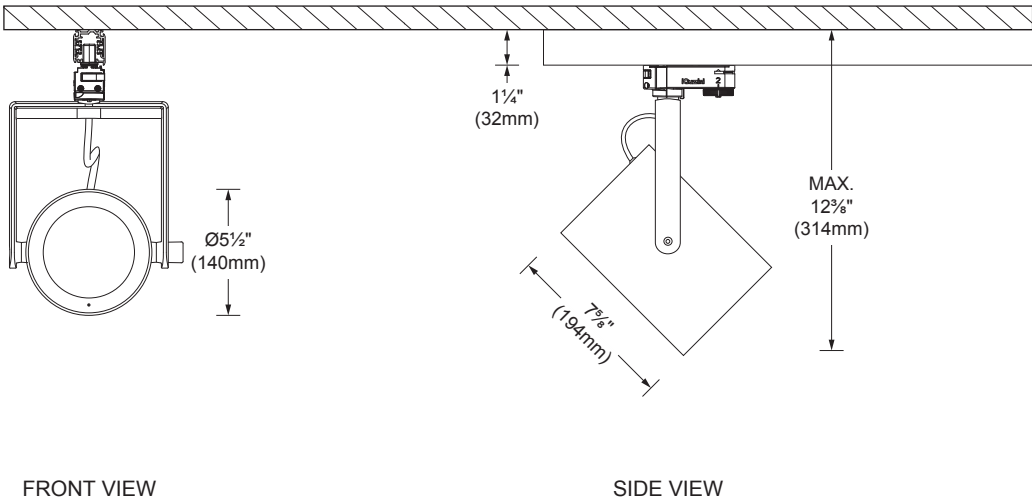
MINI Ø92mm



SMALL Ø116mm



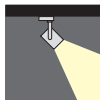
LARGE Ø140mm



PHOTOMETRIC DATA

Visit sistemalux.com for complete photometric data.

MINI Ø92mm

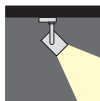


CCT (K)	CRI	OUTPUT	LOAD (W)	OPTIC	LUMENS (lm)	EFFICACY (lm / w)	MAX CANDELA (cd)	MODEL
3000K	90	BO	7.5W	Super Spot*	235	31	13 495	I.FLM-BO-930-SS
	80	BO	16W	Medium	1 630	101	10 770	I.FLM-BO-830-MD
				Flood	1 675	104	5 165	I.FLM-BO-830-FL
				Wide Flood	1 655	103	2 130	I.FLM-BO-830-WF

*USE MULTIPLIER TABLE FOR OTHER CCT AND CRI OUTPUT DATA (not to be used for Super Spot optic; only available in base output (BO) and 3000K, 90CRI LED)

LED	830	930	840
Multiplier	1	1.02	1.01

SMALL Ø116mm



3000K	90	BO	13W	Super Spot*	435	35	45 530	I.FLS-BO-930-SS
	80	BO	16W	Spot	1 670	104	20 180	I.FLS-BO-830-SP
				Flood	1 650	103	5 035	I.FLS-BO-830-FL
				Wide Flood	1 715	107	3 650	I.FLS-BO-830-WF
		HO	23W	Spot	2 410	104	29 100	I.FLS-HO-830-SP
				Flood	2 380	103	7 265	I.FLS-HO-830-FL
				Wide Flood	2 475	107	5 260	I.FLS-HO-830-WF

*USE MULTIPLIER TABLE FOR OTHER CCT AND CRI OUTPUT DATA (not to be used for Super Spot optic; only available in base output (BO) and 3000K, 90CRI LED)

Output	BO			HO		
Power	16W	20W	16W	23W	29.5W	23W
Dimming	No dimming / LTE	No dimming / LTE	No dimming / LTE	No dimming / LTE	No dimming / LTE	No dimming / LTE
LED	830	930	840	830	930	840
Multiplier	1	1.02	1.01	1	0.97	1.03

LARGE Ø140mm



3000K	80	BO	37W	Medium	3 935	106	27 790	I.FLL-BO-830-MD
				Flood	3 935	106	12 885	I.FLL-BO-830-FL
				Wide Flood	3 940	106	7 360	I.FLL-BO-830-WF
		HO	52W	Medium	5 195	99	36 515	I.FLL-BO-830-MD
				Flood	5 195	99	17 075	I.FLL-BO-830-FL
				Wide Flood	5 205	100	9 705	I.FLL-BO-830-WF

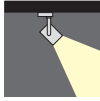
*USE MULTIPLIER TABLE FOR OTHER CCT AND CRI OUTPUT DATA

Output	BO				HO	
Power	37W	47W	40W	37W	52W	52W
Dimming	No dimming / LTE	No dimming	LTE	No dimming / LTE	No dimming	No dimming
LED	830	930	930	840	830	840
Multiplier	1	1.02	0.92	1.02	1	1.03

PHOTOMETRIC DATA

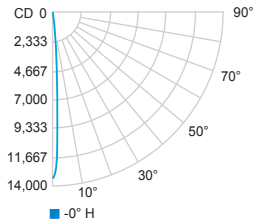
Visit sistimalux.com for complete photometric data.

MINI Ø92mm



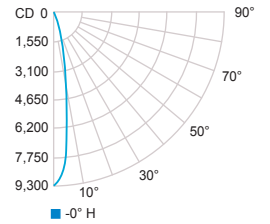
Super Spot BO 6° (3000K, 90 CRI)

	Center Beam fc	Beam Width ft
2ft	3 374	0.2
4ft	843	0.4
6ft	375	0.7
8ft	211	0.9
10ft	135	1.1
12ft	93.7	1.3



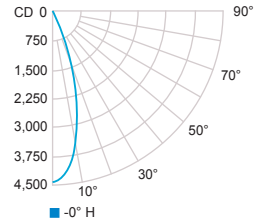
Medium BO 17° (3000K, 80 CRI)

	Center Beam fc	Beam Width ft
2ft	2 308	0.6
4ft	577	1.2
6ft	256	1.8
8ft	144	2.4
10ft	92.3	3.0
12ft	64.1	3.6



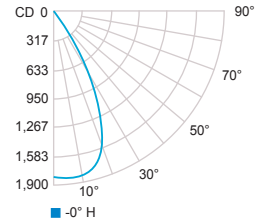
Flood BO 32° (3000K, 80 CRI)

	Center Beam fc	Beam Width ft
2ft	1 106	1.1
4ft	277	2.3
6ft	123	3.4
8ft	69.2	4.6
10ft	44.3	5.7
12ft	30.7	6.9



Wide Flood BO 54° (3000K, 80 CRI)

	Center Beam fc	Beam Width ft
2ft	453	2.0
4ft	113	4.1
6ft	50.3	6.1
8ft	28.3	8.1
10ft	18.1	10.2
12ft	12.6	12.2

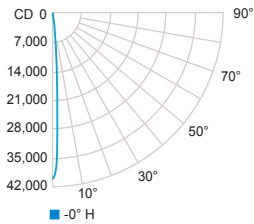


SMALL Ø116mm



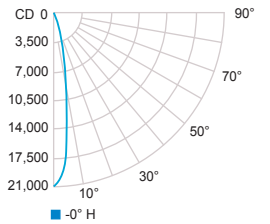
Super Spot BO 4° (3000K, 90 CRI)

	Center Beam fc	Beam Width ft
2ft	10 338	0.1
4ft	2 585	0.3
6ft	1 149	0.4
8ft	646	0.6
10ft	414	0.7
12ft	287	0.9



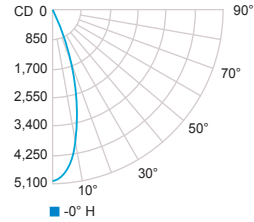
Spot BO 13° (3000K, 80 CRI)

	Center Beam fc	Beam Width ft
2ft	5 046	0.4
4ft	1 262	0.9
6ft	561	1.3
8ft	315	1.8
10ft	202	2.2
12ft	140	2.6



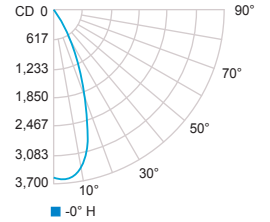
Flood BO 29° (3000K, 80 CRI)

	Center Beam fc	Beam Width ft
2ft	1 259	1.0
4ft	315	2.1
6ft	140	3.1
8ft	78.7	4.2
10ft	50.4	5.2
12ft	35.0	6.2



Wide Flood BO 41° (3000K, 80 CRI)

	Center Beam fc	Beam Width ft
2ft	904	1.5
4ft	226	3.0
6ft	100	4.5
8ft	56.5	6.0
10ft	36.2	7.6
12ft	25.1	9.1

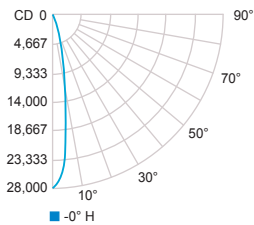


LARGE Ø140mm



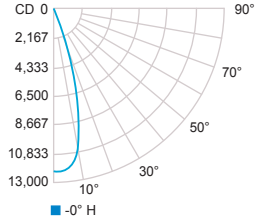
Medium BO 17° (3000K, 80 CRI)

	Center Beam fc	Beam Width ft
2ft	6 949	0.6
4ft	1 737	1.2
6ft	772	1.8
8ft	434	2.3
10ft	278	2.9
12ft	193	3.5



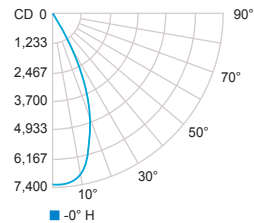
Flood BO 31° (3000K, 80 CRI)

	Center Beam fc	Beam Width ft
2ft	3 221	1.1
4ft	805	2.2
6ft	358	3.3
8ft	201	4.4
10ft	129	5.4
12ft	89.5	6.7



Wide Flood BO 46° (3000K, 80 CRI)

	Center Beam fc	Beam Width ft
2ft	1 833	1.7
4ft	458	3.4
6ft	204	5.1
8ft	115	6.8
10ft	73.3	8.5
12ft	50.9	10.2



FRONT LIGHT

PROJECTOR LED

Type:

Project :

SPECIFICATION SHEET

Page: 5 of 6

ORDERING INFO

I.FL - - - - -
FIXTURE

MODEL

☐ **M** - Mini

☐ **S** - Small

☐ **L** - Large

OUTPUT

MINI

☐ **BO** - Base output

SMALL

☐ **BO** - Base output

☐ **HO** - High output

LARGE

☐ **BO** - Base output

☐ **HO** - High output⁽¹⁾⁽³⁾

LED

MINI

☐ **830** - 3000K, 80 CRI

☐ **840** - 4000K, 80 CRI

☐ **930** - 3000K, 90 CRI

SMALL

☐ **830** - 3000K, 80 CRI

☐ **840** - 4000K, 80 CRI

☐ **930** - 3000K, 90 CRI

LARGE

☐ **830** - 3000K, 80 CRI

☐ **840** - 4000K, 80 CRI

☐ **930** - 3000K, 90 CRI

OPTIC

MINI

☐ **SS** - Super Spot 6°⁽¹⁾⁽²⁾

☐ **MD** - Medium 17°

☐ **FL** - Flood 32°

☐ **WF** - Wide Flood 54°

SMALL

☐ **SS** - Super Spot 4°⁽²⁾

☐ **SP** - Spot 13°

☐ **FL** - Flood 29°

☐ **WF** - Wide Flood 41°

LARGE

☐ **MD** - Medium 17°

☐ **FL** - Flood 31°

☐ **WF** - Wide Flood 46°

VOLTAGE

☐ **120** - 120V

☐ **277** - 277V

FINISH

☐ **01** - White

☐ **02** - Black

DIMMING

☐ **LTE** - Leading and Trailing edge dimming (120V only)

⁽¹⁾ Not available with **LTE** Dimming.

⁽²⁾ Super Spot optic only available in base output (**BO**) and 3000K, 90CRI LED (**930**).

⁽³⁾ Front Light Large w/ High output (**HO**) only available in 3000K, 80CRI LED (**830**) or 4000K, 80CRI (**840**).

ACCESSORIES (TO BE ORDERED SEPARATELY)
for installation consult the instruction sheet

INTERCHANGEABLE REFLECTORS

MINI

- ☐ **I.MXV2-12** - Medium
- ☐ **I.MXV3-12** - Flood
- ☐ **I.MXV4-12** - Wide Flood

SMALL

- ☐ **I.MX90-12** - Spot
- ☐ **I.MX92-12** - Flood
- ☐ **I.MX93-12** - Wide Flood

LARGE

- ☐ **I.MXA6-12** - Spot
- ☐ **I.MXA7-12** - Flood
- ☐ **I.MXA8-12** - Wide Flood



LENS*

- ☐ **I.MXV1-24** - Elliptical lens
- ☐ **I.MY34-24** - Opti Beam elliptical lens**

- ☐ **I.MXW3-24** - Soft focus lens

- ☐ **I.MXV6-24** - Medium elliptical lens
- ☐ **I.MY35-24** - Opti Beam elliptical lens**

- ☐ **I.MWM6-24** - Soft focus lens

- ☐ **I.MXY3-24** - Medium elliptical lens



OPTICAL ACCESSORIES*

- ☐ **I.MY90-02** - Louvre (black)**

- ☐ **I.MWY8-02** - Louvre (black)

- ☐ **I.MY91-02** - Louvre (black)**

- ☐ **I.MWY9-02** - Louvre (black)



* Only one accessory may be used at a time.

Accessories only available for **SUPER SPOT OPTIC (SS)