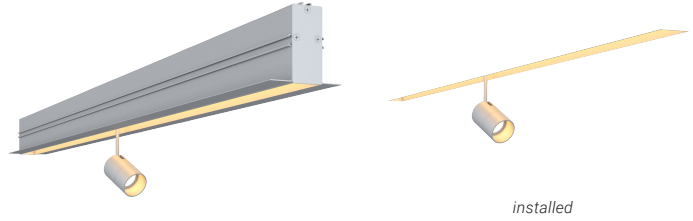


L116

INTERIOR

Linear with Spotlight | For walls & ceilings

- Dry location



installed

Ordering Information

Clear Form

Date : _____

Project : _____

Type : _____

Quantity : _____

Note : _____

Specifications

COMPONENT 1 – LINEAR | Example Code: L116-B-6-W30H-W-P-[...]-MA

Product	Version	Fixture Length ¹	CCT & CRI ²	Beam Angle ³	Lens	Accessories (optional)	Finish
L116							MA
	A 7W/ft B 10W/ft	X custom 4 4' 6 6' 8 8'	W22S 2200K 80+ W27H 2700K 90+ W30H 3000K 90+ W35H 3500K 90+	N narrow flood 30° F flood 60° W wide flood 120°	F frosted P prismatic	LLB linear louver, black	MA matte clear anodized BA black anodized

COMPONENT 2 – SPOTLIGHTS | Example Code: i225M-4-W30H-S-CS-2-MA

Insert	Wattage	CCT & CRI	Beam Angle	Shrouds	Stem Length	Finishes
I225S						
I225S	1 1W 2 2W	W22S 2200K 80+ W27H 2700K 90+ W30H 3000K 90+ W35H 3500K 90+ W41H 4100K 90+	S spot, 12° N narrow flood, 30°	CS cylinder shroud FS full shroud	2 2" (51mm) X custom ⁴	Aluminum Finishes: MA matte clear anodized BA black anodized

System Components (Ordered Separately)

Remote Driver : _____

Control System _____

On/Off | Dimming ELV or 0-10 dimming
Other options (consult factory) TRIAC/
MLV, DMX, DALI, Casambi, PoE

Insert	Wattage	CCT & CRI	Beam Angle	Shrouds	Stem Length	Finishes
I225M				CS		
I225M ⁵	4 4W 8 8W	W27H 2700K 90+ W30H 3000K 90+	S spot, 12° N narrow flood, 30° F flood, 48°	CS cylinder shroud	2 2" (51mm) X custom ⁴	Aluminum Finishes: MA matte clear anodized BA black anodized
I225L	13			CS		
I225L ⁵	13 13W	W27H 2700K 90+ W30H 3000K 90+ W35H 3500K 90+ W27V 2700K 97+ W30V 3000K 97+	S spot, 12° N narrow flood, 30°	CS cylinder shroud	2 2" (51mm) X custom ⁴	Aluminum Finishes: MA matte clear anodized BA black anodized

Important Notes

Specification

1. Minimum: 4" (1219mm) Maximum: 8" (2438mm), 6" (152.4mm) increments.
2. Refer to pg.02 - Electrical for Colour Consistency details.
3. 10W/ft only available with Wide Flood 120° beam angle.
4. Narrow flood and flood options are only available with W27H and W30H options.
5. Maximum 8" (2438mm) with 6" (152.4mm) increments.

Warranty Notes & Disclaimer

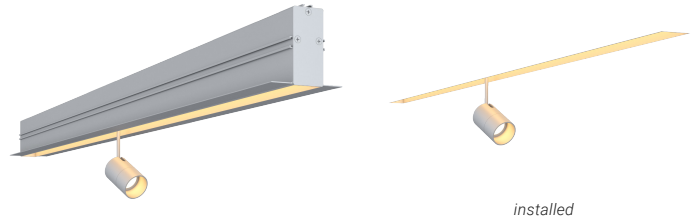
Malfunction and damage to product due to incompatible dimming system or misuse will not be covered under warranty. Consult MP Lighting for recommended drivers. If the fixture has an option to be installed with a dimming control system, consult a dimming system manufacturer with minimum load before installing. MP Lighting reserves the right, at its sole discretion, at any time and without notice, to make design changes to any of our products. Consult MP Lighting website for most updated documentation.

L116

INTERIOR

Linear with Spotlight | For walls & ceilings

- Dry location



installed

Performance

Wattage	Forward Current	Power Consumption Budget per fixture (including driver)	LED output (Source)	Fixture Output (Delivered)
7W/ft	292mA	8.5W/ft	770 lm/ft	216-418 lm/ft
10W/ft	417mA	12.5W/ft	1100 lm/ft	351-426 lm/ft

Application

Environment	Dry Location approved. IP50.
Mounting	Recessed: Mounts directly to surface or recessed mount with screw clips. Comes with 3'(914mm) wire lead

Electrical

LED Light Source	Colour Consistency: 3-step MacAdam Consult factory for 2-step MacAdam options.
Power Supplies	Remote LED drivers (120-277V AC input, constant voltage output): Fixtures to be wired in parallel. Recommended (consult factory): TLDAV100W24. Dimmable with 0-10V dimming controller (TLC010i, not included).
Control	On/off control Dimming: ELV or 0-10V dimming with appropriate drivers Lutron model: output 25-96W 24VDC, compatible with LutronEcosystem/3-wire dimmer, dim to 0.1% with Lutron NTF-10 dimmer (recommend to load up to 80W) SC Power model: output 5-96W 24VDC, compatible with forward Triac dimmers, dim to 1% with Lutron Skylark incandescent dimmer, 4-6% with Lutron MLV dimmers (recommend to load up to 60W due to low PF and efficiency.) Other options (consult factory): TRIAC/MLV, DMX, DALI, Casambi, Power over Ethernet

Luminaire Construction

Weight	0.56 lbs (0.25 kg). Typical Aluminum Fixture.
Material	Fixture: machined marine-grade aluminum with polycarbonate
Supplied with	Standard installation housing: Comes with concrete mount extrusion, mounting screws, wire covers (when ordered), and wire connectors (when ordered) Cable: 3' (914mm) factory-installed wire lead
Warranty & LED Life	5 years limited warranty Estimated useful life of LED is 50,000 hours.

Ordered Separately

System Components	Power supplies: remote driver Please consult factory or visit Recommended Drivers for available driver options.
-------------------	---

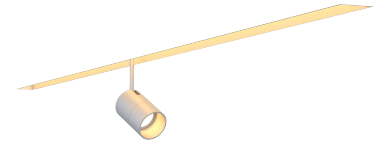
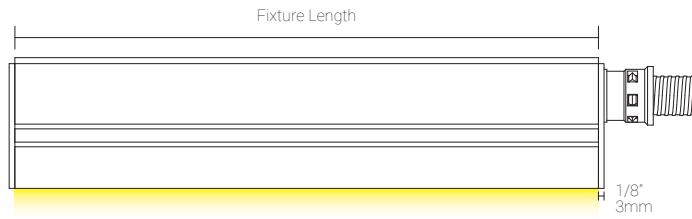
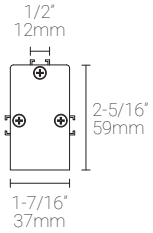
Mounting Options & Dimensions

LED Fixture Dimensions

Fixture

Bottom View & Side View

3D View (installed)

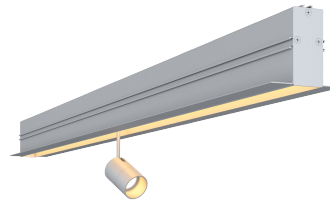
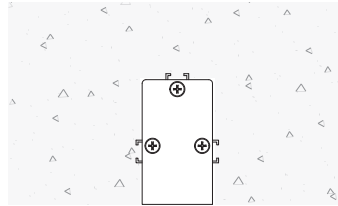
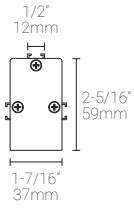


Concrete Installation

Fixture with outer concrete mount extrusion

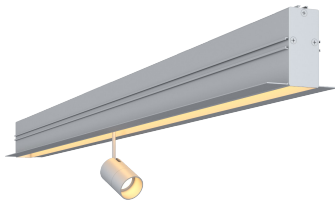
Fixture installed in concrete

3D View



Appendix

Aluminum Finishes



MA matte clear anodized

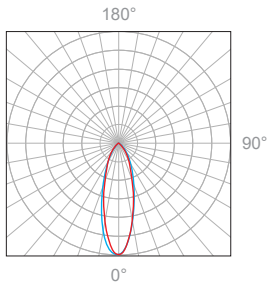


BA black anodized

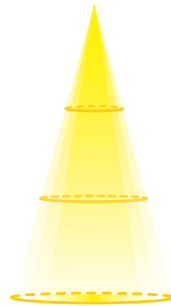
7W, 1' (305mm), 3000K, 90+ CRI

Frosted Lens

Polar Candela Distribution



Beam Width: 30°



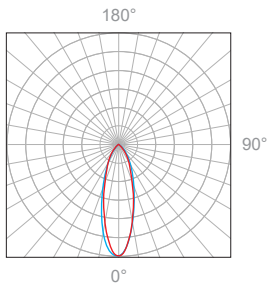
Illuminance at a Distance

Distance		Center Beam fc	Beam Width			
3.0ft	0.91m	125fc	1.6ft	0.48m	1.6ft	0.48m
6.0ft	1.83m	31.1fc	3.3ft	1.00m	3.2ft	0.97m
9.0ft	2.74m	13.8fc	4.9ft	1.49m	4.9ft	1.49m
12.0ft	3.66m	7.78fc	6.5ft	1.98m	6.5ft	1.98m
15.0ft	4.57m	4.98fc	8.1ft	2.46m	8.1ft	2.46m
18.0ft	5.49m	3.46fc	9.8ft	2.98m	9.7ft	2.98m

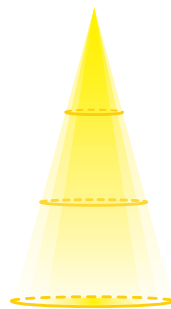
Delivered Lumen: 344.2 lm
 ■ Vertical Beam Spread : 30.3°
 ■ Horizontal Beam Spread : 30.2°

Prismatic Lens

Polar Candela Distribution



Beam Width: 30°



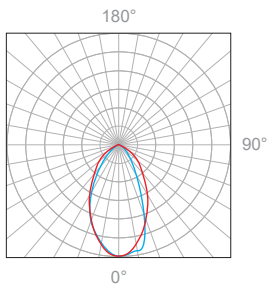
Illuminance at a Distance

Distance		Center Beam fc	Beam Width			
3.0ft	0.91m	153fc	1.6ft	0.48m	1.6ft	0.48m
6.0ft	1.83m	38.2fc	3.2ft	0.97m	3.2ft	0.97m
9.0ft	2.74m	17.0fc	4.9ft	1.49m	4.8ft	1.46m
12.0ft	3.66m	9.55fc	6.5ft	1.98m	6.5ft	1.98m
15.0ft	4.57m	6.11fc	8.1ft	2.46m	8.1ft	2.46m
18.0ft	5.49m	4.24fc	9.7ft	2.95m	9.7ft	2.95m

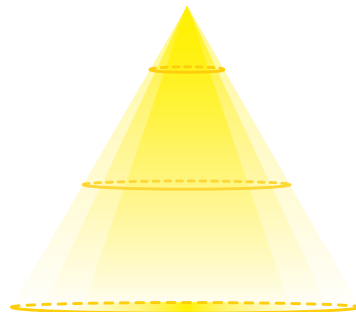
Delivered Lumen: 417.4 lm
 ■ Vertical Beam Spread : 30.2°
 ■ Horizontal Beam Spread : 30.1°

Frosted Lens

Polar Candela Distribution



Beam Width: 60°



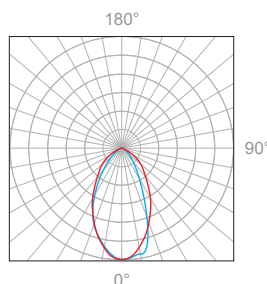
Illuminance at a Distance

Distance		Center Beam fc	Beam Width			
3.0ft	0.91m	39.0fc	3.2ft	0.97m	3.2ft	0.97m
6.0ft	1.83m	9.74fc	6.4ft	1.95m	6.4ft	1.95m
9.0ft	2.74m	4.33fc	9.5ft	2.89m	9.6ft	2.92m
12.0ft	3.66m	2.43fc	12.7ft	3.87m	12.8ft	3.90m
15.0ft	4.57m	1.56fc	15.9ft	4.84m	16ft	4.87m
18.0ft	5.49m	1.08fc	19.1ft	5.82m	19.2ft	5.85m

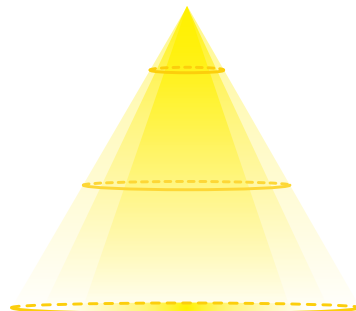
Delivered Lumen: 216.2 lm
 ■ Vertical Beam Spread : 55.8°
 ■ Horizontal Beam Spread : 56.2°

Prismatic Lens

Polar Candela Distribution



Beam Width: 60°



Illuminance at a Distance

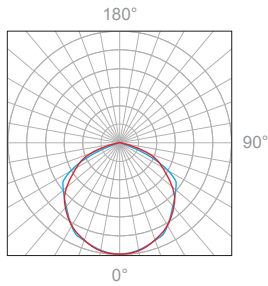
Distance		Center Beam fc	Beam Width			
3.0ft	0.91m	44.7fc	3.1ft	0.94m	3.2ft	0.97m
6.0ft	1.83m	11.2fc	6.3ft	1.92m	6.4ft	1.95m
9.0ft	2.74m	4.97fc	9.4ft	2.86m	9.6ft	2.92m
12.0ft	3.66m	2.80fc	12.6ft	3.84m	12.9ft	3.93m
15.0ft	4.57m	1.79fc	15.7ft	4.78m	16.1ft	4.90m
18.0ft	5.49m	1.24fc	18.9ft	5.76m	19.3ft	5.88m

Delivered Lumen: 365.2 lm
 ■ Vertical Beam Spread : 55.4°
 ■ Horizontal Beam Spread : 56.4°

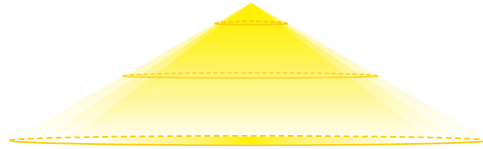
7W, 1' (305mm), 3000K, 90+ CRI

Frosted Lens

Polar Candela Distribution



Beam Width: 120°



Illuminance at a Distance

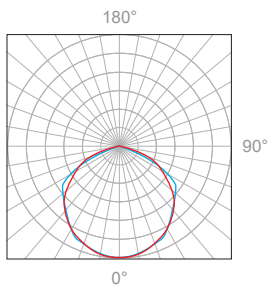
Distance		Center Beam fc	Beam Width			
3.0ft	0.91m	13.5fc	10.6ft	3.23m	9.5ft	2.89m
6.0ft	1.83m	3.39fc	21.3ft	6.49m	19.1ft	5.82m
9.0ft	2.74m	1.50fc	31.9ft	9.72m	28.4ft	8.65m
12.0ft	3.66m	0.85fc	42.5ft	12.95m	38.2ft	11.64m
15.0ft	4.57m	0.54fc	53.2ft	16.21m	47.7ft	14.53m
18.0ft	5.49m	0.38fc	63.8ft	19.44m	57.3ft	17.46m

Delivered Lumen: 351.7 lm

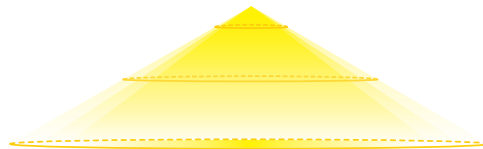
- Vertical Beam Spread : 121.1°
- Horizontal Beam Spread : 115.7°

Prismatic Lens

Polar Candela Distribution



Beam Width: 120°



Illuminance at a Distance

Distance		Center Beam fc	Beam Width			
3.0ft	0.91m	79.5fc	5.1ft	1.55m	4.5ft	1.37m
6.0ft	1.83m	19.9fc	10.2ft	3.10m	9.1ft	2.77m
9.0ft	2.74m	8.83fc	15.3ft	4.66m	13.6ft	4.14m
12.0ft	3.66m	4.97fc	20.4ft	6.21m	18.2ft	5.54m
15.0ft	4.57m	3.18fc	25.5ft	7.77m	22.7ft	6.91m
18.0ft	5.49m	2.21fc	30.6ft	9.32m	27.3ft	8.32m

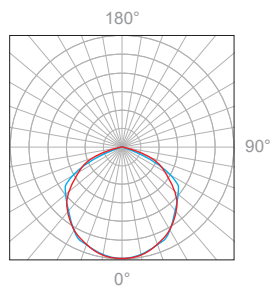
Delivered Lumen: 425.7 lm

- Vertical Beam Spread : 119.1°
- Horizontal Beam Spread : 113.2°

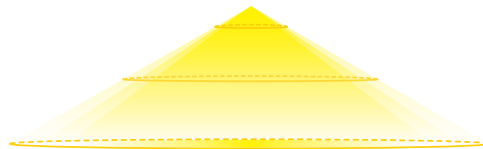
10W, 1' (305mm), 3000K, 90+ CRI

Frosted Lens

Polar Candela Distribution



Beam Width: 120°



Illuminance at a Distance

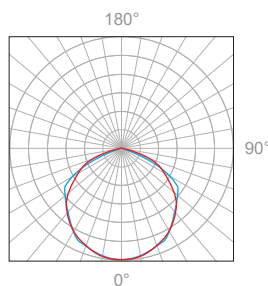
Distance		Center Beam fc	Beam Width			
3.0ft	0.91m	13.5fc	10.6ft	3.23m	9.5ft	2.89m
6.0ft	1.83m	3.39fc	21.3ft	6.49m	19.1ft	5.82m
9.0ft	2.74m	1.50fc	31.9ft	9.72m	28.4ft	8.65m
12.0ft	3.66m	0.85fc	42.5ft	12.95m	38.2ft	11.64m
15.0ft	4.57m	0.54fc	53.2ft	16.21m	47.7ft	14.53m
18.0ft	5.49m	0.38fc	63.8ft	19.44m	57.3ft	17.46m

Delivered Lumen: 496.1 lm

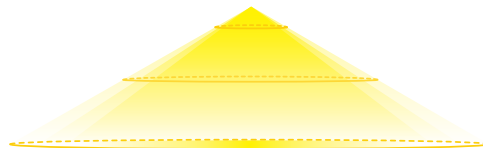
- Vertical Beam Spread : 121.1°
- Horizontal Beam Spread : 115.7°

Prismatic Lens

Polar Candela Distribution



Beam Width: 120°



Illuminance at a Distance

Distance		Center Beam fc	Beam Width			
3.0ft	0.91m	96.8fc	5.0ft	1.52m	4.6ft	1.40m
6.0ft	1.83m	24.2fc	9.9ft	3.01m	9.1ft	2.77m
9.0ft	2.74m	10.8fc	14.9ft	4.54m	13.7ft	4.17m
12.0ft	3.66m	6.05fc	19.9ft	6.06m	18.3ft	5.57m
15.0ft	4.57m	3.87fc	24.9ft	7.59m	22.9ft	6.98m
18.0ft	5.49m	2.69fc	29.8ft	9.08m	27.4ft	8.47m

Delivered Lumen: 602.5 lm

- Vertical Beam Spread : 117.8°
- Horizontal Beam Spread : 113.5°

Full Spectrum

— Full Spectrum — Standard Illuminant @ 3000K — Ra≥80

