



Light Modules



Certifications



Photometrics

For current IES files please visit
arch.flosusa.com

Warranty

2 years from date of sale.

FLOS. USA
36 East 31st Street
Suite 402
New York N.Y. 10016
(800) 841.4011

Infra-Structure Dimmable

Ceiling Suspended High-tech LED lighting system for interior architecture.

Description

An innovative illumination system designed by Vincent Van Duysen to be installed surface-mounted to the ceiling with a network of rigid stems. Structural profiles and ceiling stems finished with black or white extruded aluminium tubular sections, fitted with an electric graphite feed track with a 48V supply, on which the LED luminaires are installed by a magnetic fastening system and a security mechanical fastening element. The range of luminaires is composed of accent illumination modules with different optics, ambient lighting system with direct and indirect lights and decorative luminaires with the Flos signature design.

Lamp

System Lamp Type	LED
Color Temperature	2700K, 3000K, 3500K* (See Notes)
Color Rendering	CRI90
Application	General Lighting

Physical

Material	Aluminum
Ingress Protection Rating	IP20
Finishes	<input type="checkbox"/> 40 White <input checked="" type="checkbox"/> 14 Black



Installation type	Ceiling - Surface
Environment	Indoor
Field cuttable	No

Electrical & Control

Driver location	Remote
Driver Input Voltage	120V-277V
Driver Output Voltage	48V
Maximum Driver Wattage	Class 2 - 96W
Control	0-10V DALI Casambi for Light Shadow Spot and Multi Spot Mini





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Notes

Contractor to supply wire from driver to luminaire. Drivers should be installed in a temperate accessible location.

Wattage per linear foot is dependent upon quantity and type of light modules used.

Spots and linear luminaires available with individually addressable DALI-Wireless circuitry, 0-10V (from 10% up to 100%) Dimming, Casambi for Light Shadow Spot and Multi Spot Mini.

All the rods incorporate a mechanism that allows the adjustment of the length a maximum of 2cm (0.8"), in order to absorb the unevenness of the ceiling.

Tracks can not be cut.

3500K and other CCT available but not cataloged. Consult factory for additional color temperatures.

Tracks

Tubular electromagnetic track for surface installation in ceilings through rigid rods. Tubular tracks available in two lengths (L): 1055 mm (41.53") and 1555 mm (61.22"). Tracks can not be cut to different lengths. End caps are powered and are required for each run. Order separately



Light Modules



Certifications



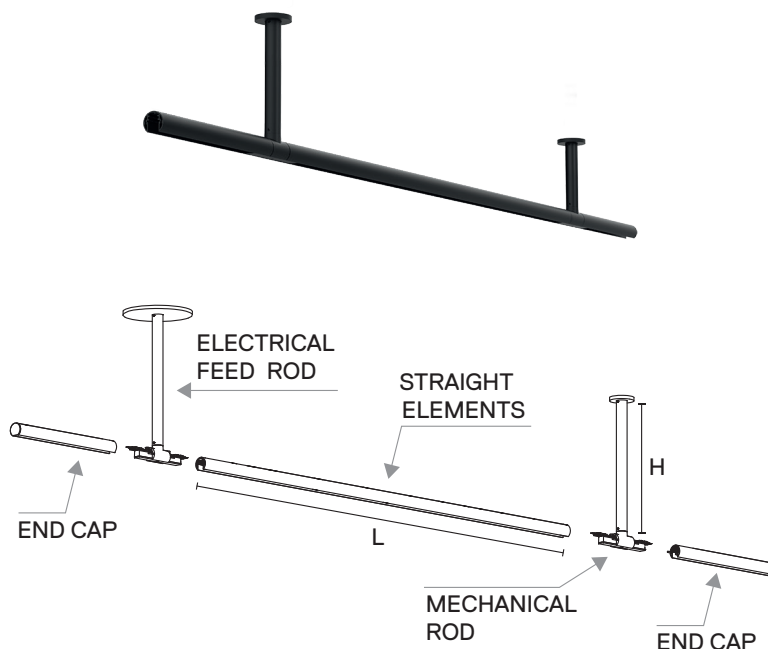
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2 years from date of sale.



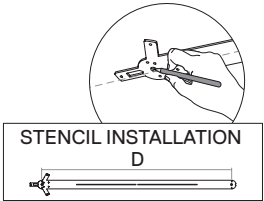
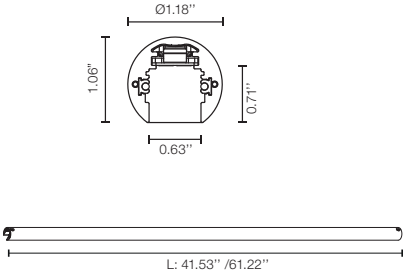
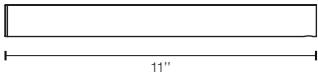
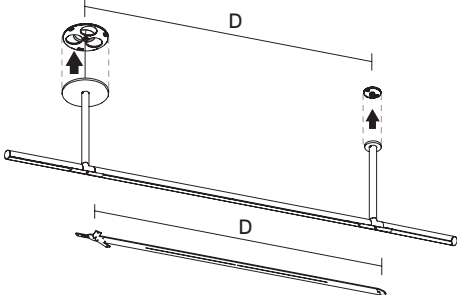
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Required Installation Accessories

<p>Track Straight Element . Lengths: 41.53" (1055mm) 61.22" (1555mm)</p> <p>Part Number:</p> <div><div>06.5100.14 [41.53"]</div><div>06.5100.40 [41.53"]</div><div>06.5101.14 [61.22"]</div><div>06.5101.40 [61.22"]</div></div>	<p>Endcap. Length: 11" (279mm) Note: End cap are electrified.</p> <p>Part Number:</p> <div><div>06.5135.14</div><div>06.5135.40</div></div>	<p>Aluminium Stencil Installation. Lengths: 43.31" (1100mm) 63" (1600mm)</p> <p>Part Number:</p> <div><div>08.0032.00 [41.31"]</div><div>08.0033.00 [63"]</div></div>
		
		

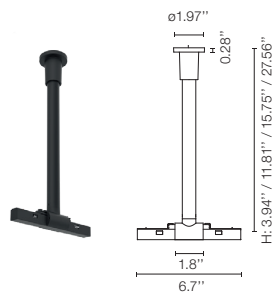
Note: Tracks are fixed lengths and cannot be field cut.

Infra-Structure Dimmable

Ceiling Suspended High-tech LED lighting system for interior architecture.

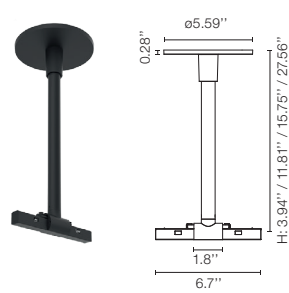
Ceiling Rods

Mechanical Rod Canopy ø1.97"



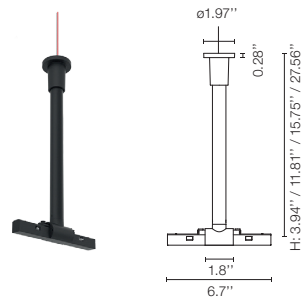
Length	Part Number	Finish
3.94" (100mm)	06.5110	
11.81" (300mm)	06.5111	<div><div></div> 14 = Black</div> <div><div></div> 40 = White</div>
15.75" (400mm)	06.5112	
27.56" (700mm)	06.5113	

Mechanical Rod Canopy ø5.59"



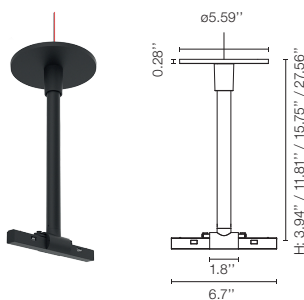
Length	Part Number	Finish
3.94" (100mm)	06.5115	
11.81" (300mm)	06.5116	<div><div></div> 14 = Black</div> <div><div></div> 40 = White</div>
15.75" (400mm)	06.5117	
27.56" (700mm)	06.5118	

Electrical Feed Rod Canopy ø1.97"



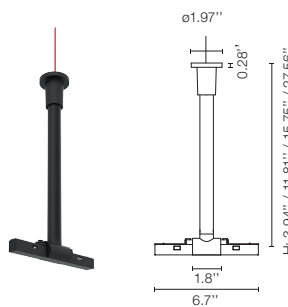
Length	Part Number	Finish
3.94" (100mm)	06.5120	
11.81" (300mm)	06.5121	<div><div></div> 14 = Black</div> <div><div></div> 40 = White</div>
15.75" (400mm)	06.5122	
27.56" (700mm)	06.5123	

Electrical Feed Rod Canopy Ø5.59"



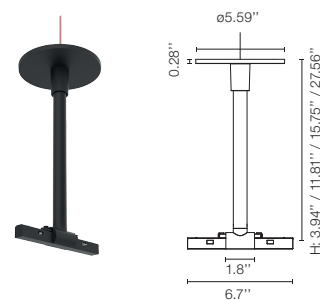
Length	Part Number	Finish
3.94" (100mm)	06.5125	
11.81" (300mm)	06.5126	<div><div></div> 14 = Black</div> <div><div></div> 40 = White</div>
15.75" (400mm)	06.5127	
27.56" (700mm)	06.5128	

Electrical Data Rod Canopy Ø1.97"



Length	Part Number	Finish
3.94" (100mm)	06.5150	
11.81" (300mm)	06.5151	<div><div></div> 14 = Black</div> <div><div></div> 40 = White</div>
15.75" (400mm)	06.5152	
27.56" (700mm)	06.5153	

Electrical Data Rod Canopy Ø5.59"



Length	Part Number	Finish
3.94" (100mm)	06.5155	
11.81" (300mm)	06.5156	<div><div></div> 14 = Black</div> <div><div></div> 40 = White</div>
15.75" (400mm)	06.5157	
27.56" (700mm)	06.5158	

* All the rods incorporate a mechanism that allows the adjustment of the lenght a máximo of 2cm (0.8"), in order to absorbe the unevenness of the ceiling

Infra-Structure Dimmable

Ceiling Suspended High-tech LED lighting system for interior architecture.

Ceiling Suspended Rods

Mechanical suspended Rod 27.56" (700mm)
Aircraft cable with mounting hardware 33ft (10m)

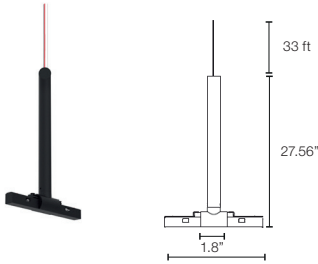


Table with 3 columns: Length, Part Number, Finish. Row 1: 27.56" (700mm), 06.5114, 14 = Black, 40 = White.

Electrical Feed suspended Rod 27.56" (700mm)
Aircraft cable with mounting hardware 33ft (10m)
Feed wire 37.8ft (11.5m)

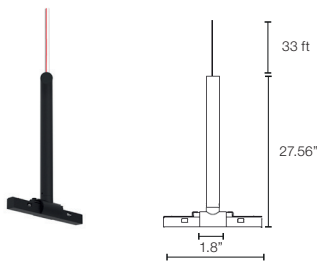


Table with 3 columns: Length, Part Number, Finish. Row 1: 27.56" (700mm), 06.5124, 14 = Black, 40 = White.

Electrical DATA suspended Rod 27.56" (700mm)
Aircraft cable with mounting hardware 33ft (10m)
Feed wire 37.8ft (11.5m)

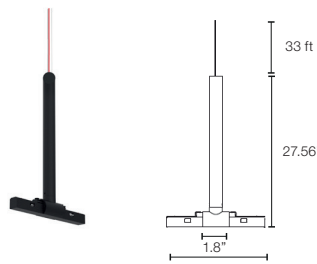


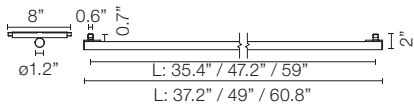
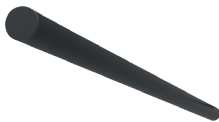
Table with 3 columns: Length, Part Number, Finish. Row 1: 27.56" (700mm), 06.5154, 14 = Black, 40 = White.

Blind Tube

Blind Tube.

Part Number:

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08.8120.40 [L: 35.4"]
08.8121.14 [L: 47.2"]
08.8121.40 [L: 47.2"]
08.8122.14 [L: 59"]
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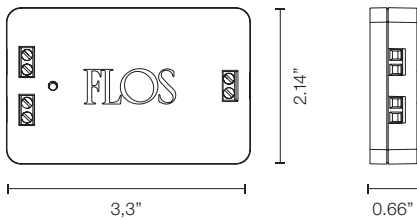


Dimming Controllers

Dimming Control Unit Box 48V 1-10V
Dimming Control Unit Box is a required interface between 0-10V control and track luminaires.

Part Number:


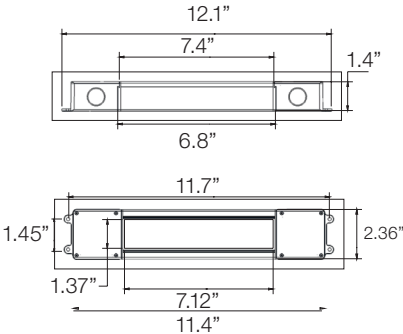

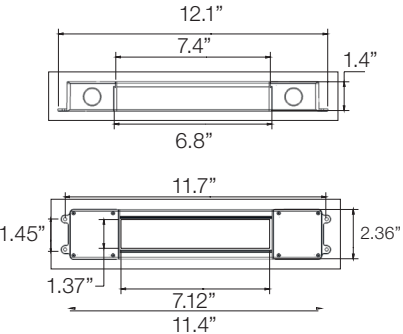

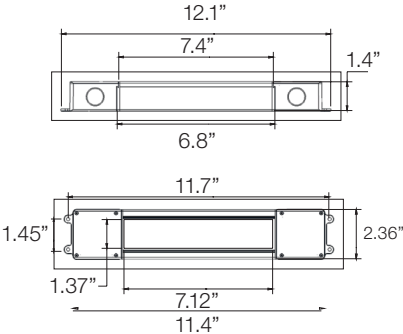
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Infra-Structure Dimmable

Ceiling Suspended High-tech LED lighting system for interior architecture.

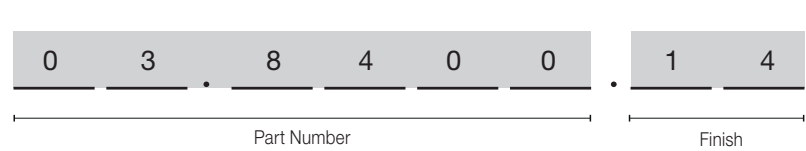
Drivers

<p>LED power supply source for remote installation, 48V/100W Meanwell HLG-100H-48</p> <p>Part Number:</p> <p>LEDSB96W48V-NDM-D01</p>	<p>LED power supply source for remote installation, 48V/60W, 120-277V, Magnitude, UL Listed</p> <p>Part Number:</p> <p>LEDSB60W48V-NDM-D01</p>	<p>LED power supply source for remote installation, 48V/30W, 120-277V, Magnitude, UL Listed</p> <p>Part Number:</p> <p>LEDSB30W48V-NDM-D01</p>
 	 	 

Infra-Structure Dimmable

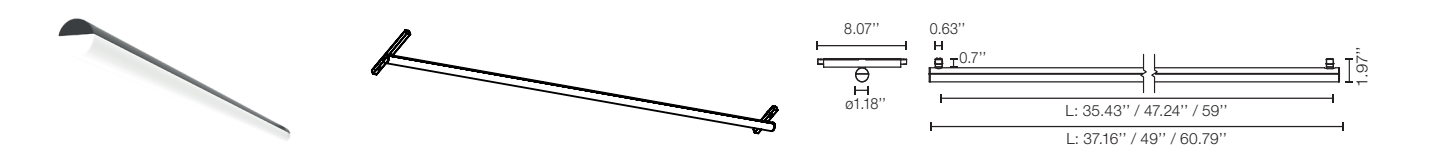
Ceiling Suspended High-tech LED lighting system for interior architecture.

How to specify



* specify power supply separately

Light Tube Direct



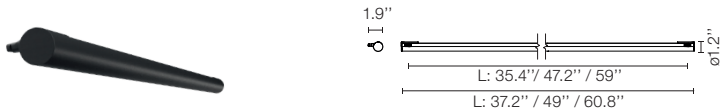
Length	CRI	CCT	Initial Lumen	Delivered Lumen	Watts	Beam Spread	Part Number	Finish	Dimming Protocol
35.43" (900 mm)	90	2700	1820	1485	23	145°	03.8100	<div> <div>14 = Black</div> <div>40 = White</div> </div>	ADA : DALI Dimming A1V : 0-10V Dimming
47.24" (1200 mm)	90	2700	2366	1908	30	145°	03.8101	<div> <div>14 = Black</div> <div>40 = White</div> </div>	ADA : DALI Dimming A1V : 0-10V Dimming
59" (1500 mm)	90	2700	2912	2331	38	145°	03.8102	<div> <div>40 = White</div> <div>14 = Black</div> </div>	ADA : DALI Dimming A1V : 0-10V Dimming

Length	CRI	CCT	Initial Lumen	Delivered Lumen	Watts	Beam Spread	Part Number	Finish	Dimming Protocol
35.43" (900 mm)	90	3000	2048	1670	23	145°	03.8105	<div> <div>14 = Black</div> <div>40 = White</div> </div>	ADA : DALI Dimming A1V : 0-10V Dimming
47.24" (1200 mm)	90	3000	2663	2146	30	145°	03.8106	<div> <div>14 = Black</div> <div>40 = White</div> </div>	ADA : DALI Dimming A1V : 0-10V Dimming
59" (1500 mm)	90	3000	3278	2621	38	145°	03.8107	<div> <div>40 = White</div> <div>14 = Black</div> </div>	ADA : DALI Dimming A1V : 0-10V Dimming

Infra-Structure Dimmable

Ceiling Suspended High-tech LED lighting system for interior architecture.

Light Tube Indirect

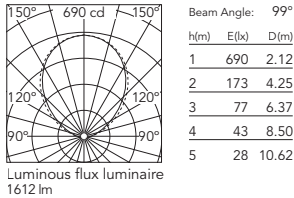


Length	CCT	Initial Lumen	Delivered Lumen	Watts	CRI	Beam Spread	Part Number	Finish	Dimming Protocol
35.4" (900 mm)	2700	1820	12139	23	90	99°	03.8110	<div>■ 14 = Black</div> <div>□ 40 = White</div>	ADA : DALI Dimming A1V : 0-10V Dimming
47.2" (1200 mm)	2700	2366	1612	30			03.8111	<div>■ 14 = Black</div> <div>□ 40 = White</div>	
59" (1500 mm)	2700	2912	1984	38			03.8112	<div>□ 40 = White</div> <div>■ 14 = Black</div>	

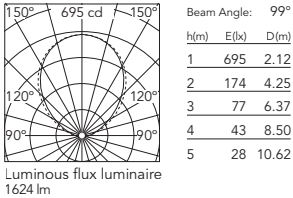
Length	CCT	Initial Lumen	Delivered Lumen	Watts	CRI	Beam Spread	Part Number	Finish	Dimming Protocol
35.4" (900 mm)	3000	2048	1249	23	90	99°	03.8115	<div>■ 14 = Black</div> <div>□ 40 = White</div>	ADA : DALI Dimming A1V : 0-10V Dimming
47.2" (1200 mm)	3000	2663	1624	30			03.8116	<div>■ 14 = Black</div> <div>□ 40 = White</div>	
59" (1500 mm)	3000	3278	1999	38			03.8117	<div>□ 40 = White</div> <div>■ 14 = Black</div>	

Photometrics

2700K



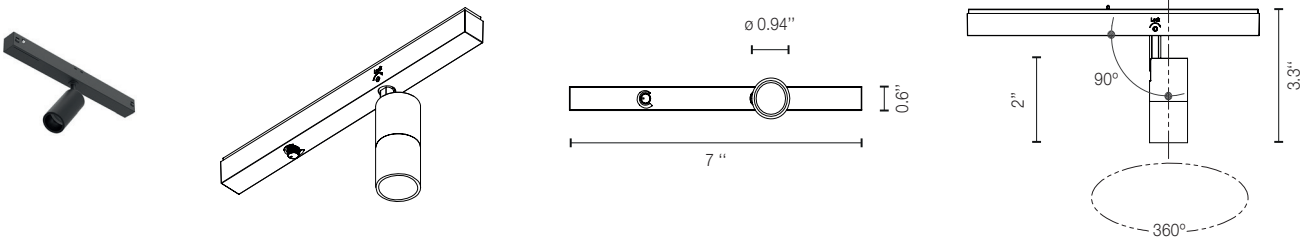
3000K



Infra-Structure Dimmable

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Spot 50

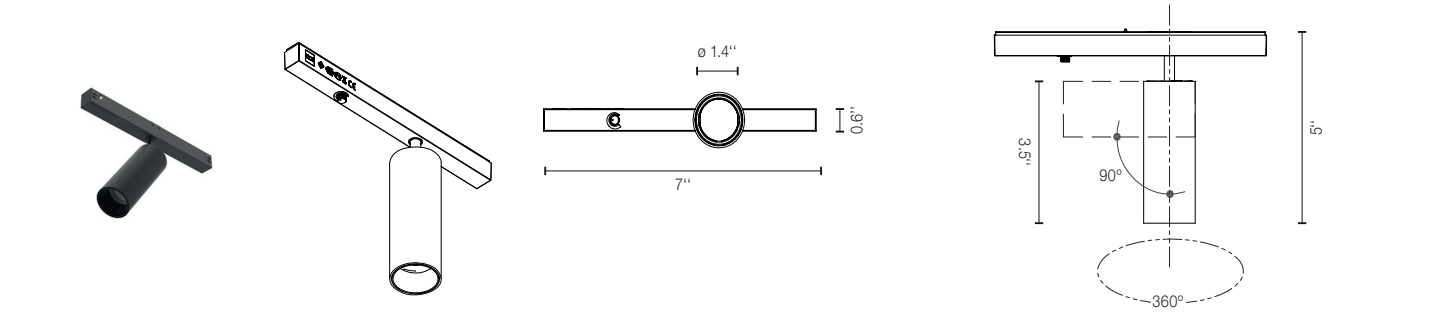


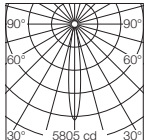
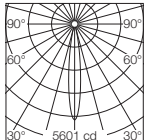
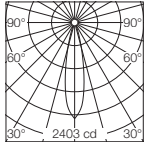
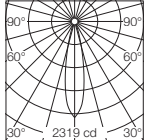
CCT	CRI	Initial Lumen	Delivered Lumen	Watts	Beam Spread	Part Number	Finish	Dimming Protocol	Photometric
3000	90	307	212	3.5	26°	03.8033	<div> <div>40A = White</div> <div>14A = Black</div> <div>05B = Chrome</div> </div>	.DA : DALI Dimming .1V : 0-10V Dimming	<div> <p>Beam Angle: 26° h(m) E(lx) D(m) 1 977 0.47 2 244 0.94 3 109 1.41 4 61 1.88 5 39 2.35 Luminous flux luminaire 205 lm (EXTREME CUT OFF)</p> </div>
2700	90	286	205	3.5	26°	03.8032			<div> <p>Beam Angle: 26° h(m) E(lx) D(m) 1 1012 0.47 2 253 0.94 3 112 1.41 4 63 1.88 5 40 2.35 Luminous flux luminaire 212 lm (EXTREME CUT OFF)</p> </div>

Infra-Structure Dimmable

Ceiling Suspended High-tech LED lighting system for interior architecture.

Spot 90

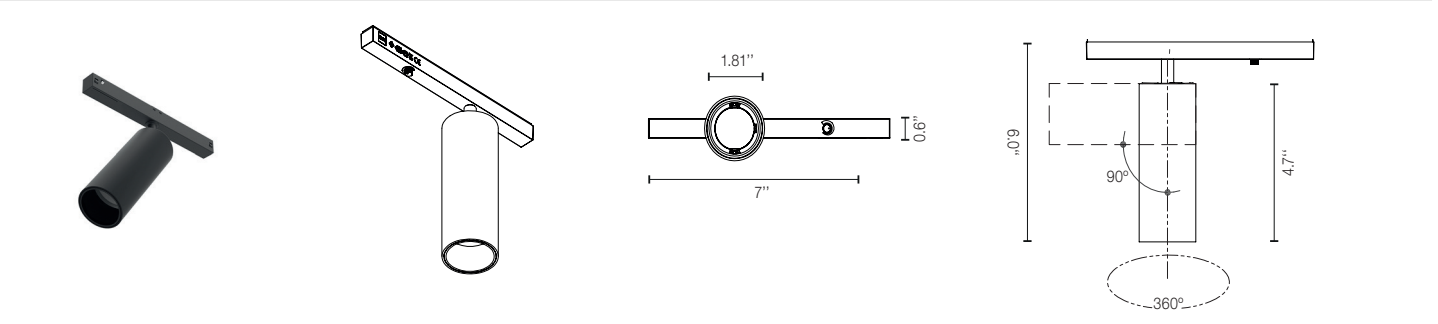


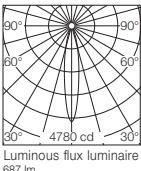
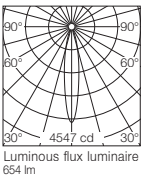
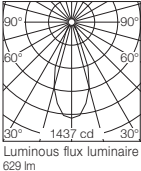
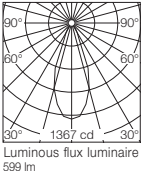
CCT	CRI	Initial Lumen	Delivered Lumen	Watts	Beam Spread	Part Number	Finish	Dimming Protocol	Photometric
3000	90	656	443	8.5	14°	03.8043	<div><div></div> 40A = White</div> <div><div></div> 14A = Black</div> <div><div></div> 05B = Chrome</div>	<div>.DA : DALI Dimming</div> <div>.1V : 0-10V Dimming</div>	<div><div><div>E(lx)</div><div>D(m)</div><div>h(m)</div><div>1 5805 0.25</div><div>2 1451 0.49</div><div>3 645 0.74</div><div>4 363 0.98</div><div>5 232 1.23</div></div><div>Luminous flux luminaire 443 lm</div></div>
2700	90	610	428	8.5	14°	03.8042			<div><div><div>E(lx)</div><div>D(m)</div><div>h(m)</div><div>1 5601 0.25</div><div>2 1400 0.49</div><div>3 622 0.74</div><div>4 350 0.98</div><div>5 224 1.23</div></div><div>Luminous flux luminaire 428 lm</div></div>
3000	90	656	406	8.5	22°	03.8045			<div><div><div>E(lx)</div><div>D(m)</div><div>h(m)</div><div>1 2403 0.38</div><div>2 601 0.77</div><div>3 267 1.15</div><div>4 150 1.54</div><div>5 96 1.92</div></div><div>Luminous flux luminaire 406 lm</div></div>
2700	90	610	392	8.5	22°	03.8044			<div><div><div>E(lx)</div><div>D(m)</div><div>h(m)</div><div>1 2319 0.38</div><div>2 580 0.77</div><div>3 258 1.15</div><div>4 145 1.54</div><div>5 93 1.92</div></div><div>Luminous flux luminaire 392 lm</div></div>

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Spot 120 Power LED

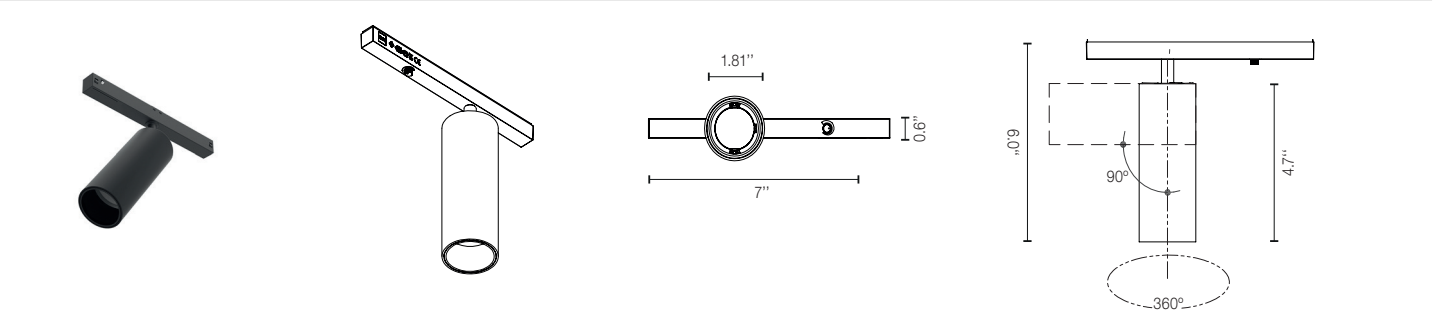


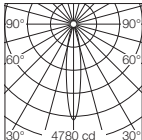
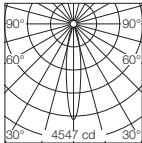
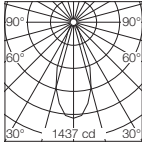
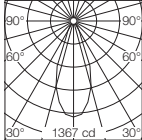
CCT	CRI	Initial Lumen	Delivered Lumen	Watts	Beam Spread	Part Number	Finish	Dimming Protocol	Photometric														
3000	90	779	558	12	11°	03.8053	<div><div></div> 40A = White</div> <div><div></div> 14A = Black</div> <div><div></div> 05B = Chrome</div>	<div>.DA : DALI Dimming</div> <div>.1V : 0-10V Dimming</div>	<div><table><thead><tr><th>E(x)</th><th>D(m)</th></tr></thead><tbody><tr><td>h(m)</td><td>17°</td></tr><tr><td>1</td><td>4780 0.31</td></tr><tr><td>2</td><td>1195 0.61</td></tr><tr><td>3</td><td>531 0.92</td></tr><tr><td>4</td><td>299 1.23</td></tr><tr><td>5</td><td>191 1.53</td></tr></tbody></table><div>Luminous flux luminaire 687 lm</div></div>	E(x)	D(m)	h(m)	17°	1	4780 0.31	2	1195 0.61	3	531 0.92	4	299 1.23	5	191 1.53
E(x)	D(m)																						
h(m)	17°																						
1	4780 0.31																						
2	1195 0.61																						
3	531 0.92																						
4	299 1.23																						
5	191 1.53																						
2700	90	724	539	12	11°	03.8052	<div><table><thead><tr><th>E(x)</th><th>D(m)</th></tr></thead><tbody><tr><td>h(m)</td><td>17°</td></tr><tr><td>1</td><td>4547 0.31</td></tr><tr><td>2</td><td>1137 0.61</td></tr><tr><td>3</td><td>505 0.92</td></tr><tr><td>4</td><td>284 1.23</td></tr><tr><td>5</td><td>182 1.53</td></tr></tbody></table><div>Luminous flux luminaire 654 lm</div></div>	E(x)	D(m)	h(m)	17°	1	4547 0.31	2	1137 0.61	3	505 0.92	4	284 1.23	5	182 1.53		
E(x)	D(m)																						
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3000	90	779	505	12	17°	03.8055	<div><table><thead><tr><th>E(x)</th><th>D(m)</th></tr></thead><tbody><tr><td>h(m)</td><td>40°</td></tr><tr><td>1</td><td>1437 0.73</td></tr><tr><td>2</td><td>359 1.45</td></tr><tr><td>3</td><td>160 2.18</td></tr><tr><td>4</td><td>90 2.91</td></tr><tr><td>5</td><td>57 3.64</td></tr></tbody></table><div>Luminous flux luminaire 629 lm</div></div>	E(x)	D(m)	h(m)	40°	1	1437 0.73	2	359 1.45	3	160 2.18	4	90 2.91	5	57 3.64		
E(x)	D(m)																						
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2700	90	724	487	12	17°	03.8054	<div><table><thead><tr><th>E(x)</th><th>D(m)</th></tr></thead><tbody><tr><td>h(m)</td><td>40°</td></tr><tr><td>1</td><td>1367 0.73</td></tr><tr><td>2</td><td>342 1.45</td></tr><tr><td>3</td><td>152 2.18</td></tr><tr><td>4</td><td>85 2.91</td></tr><tr><td>5</td><td>55 3.64</td></tr></tbody></table><div>Luminous flux luminaire 599 lm</div></div>	E(x)	D(m)	h(m)	40°	1	1367 0.73	2	342 1.45	3	152 2.18	4	85 2.91	5	55 3.64		
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h(m)	40°																						
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3	152 2.18																						
4	85 2.91																						
5	55 3.64																						

Infra-Structure Dimmable

Ceiling Suspended High-tech LED lighting system for interior architecture.

Spot 120 LED Array

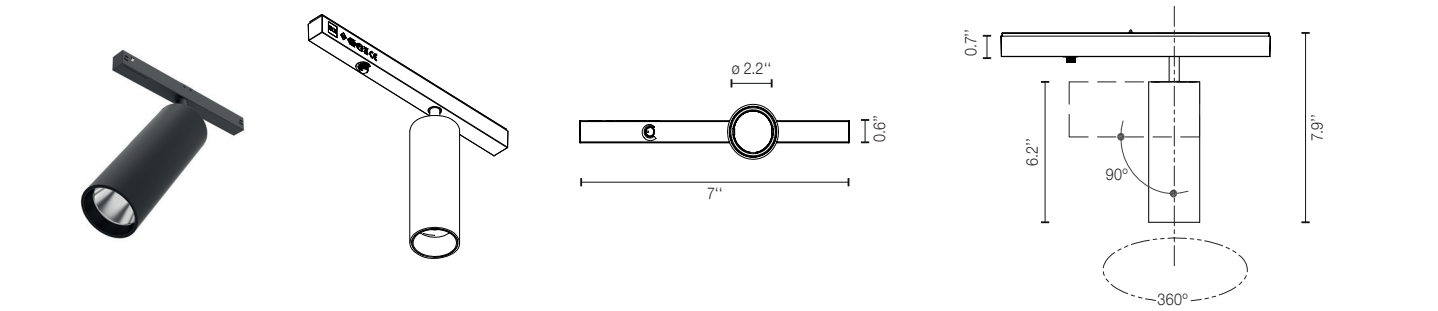


CCT	CRI	Initial Lumen	Delivered Lumen	Watts	Beam Spread	Part Number	Finish	Dimming Protocol	Photometric												
3000	90	1138	687	12,5	17°	03.8155	<div><div></div> 40A = White</div> <div><div></div> 14A = Black</div> <div><div></div> 05B = Chrome</div>	<div>.DA : DALI Dimming</div> <div>.1V : 0-10V Dimming</div>	<div><table><thead><tr><th>E(x)</th><th>D(m)</th></tr></thead><tbody><tr><td>1</td><td>4780 0.31</td></tr><tr><td>2</td><td>1195 0.61</td></tr><tr><td>3</td><td>531 0.92</td></tr><tr><td>4</td><td>299 1.23</td></tr><tr><td>5</td><td>191 1.53</td></tr></tbody></table></div>	E(x)	D(m)	1	4780 0.31	2	1195 0.61	3	531 0.92	4	299 1.23	5	191 1.53
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2700	90	1075	654	12,5	17°	03.8154	<div><table><thead><tr><th>E(x)</th><th>D(m)</th></tr></thead><tbody><tr><td>1</td><td>4547 0.31</td></tr><tr><td>2</td><td>1137 0.61</td></tr><tr><td>3</td><td>505 0.92</td></tr><tr><td>4</td><td>284 1.23</td></tr><tr><td>5</td><td>182 1.53</td></tr></tbody></table></div>	E(x)	D(m)	1	4547 0.31	2	1137 0.61	3	505 0.92	4	284 1.23	5	182 1.53		
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3000	90	1138	629	12,5	40°	03.8157	<div><table><thead><tr><th>E(x)</th><th>D(m)</th></tr></thead><tbody><tr><td>1</td><td>1437 0.73</td></tr><tr><td>2</td><td>359 1.45</td></tr><tr><td>3</td><td>160 2.18</td></tr><tr><td>4</td><td>90 2.91</td></tr><tr><td>5</td><td>57 3.64</td></tr></tbody></table></div>	E(x)	D(m)	1	1437 0.73	2	359 1.45	3	160 2.18	4	90 2.91	5	57 3.64		
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2700	90	1075	599	12,5	40°	03.8156	<div><table><thead><tr><th>E(x)</th><th>D(m)</th></tr></thead><tbody><tr><td>1</td><td>1367 0.73</td></tr><tr><td>2</td><td>342 1.45</td></tr><tr><td>3</td><td>152 2.18</td></tr><tr><td>4</td><td>85 2.91</td></tr><tr><td>5</td><td>55 3.64</td></tr></tbody></table></div>	E(x)	D(m)	1	1367 0.73	2	342 1.45	3	152 2.18	4	85 2.91	5	55 3.64		
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Infra-Structure Dimmable

Ceiling Suspended High-tech LED lighting system for interior architecture.

Spot 150








CCT	CRI	Initial Lumen	Delivered Lumen	Watts	Beam Spread	Part Number	Finish	Dimming Protocol	Photometric
3000	90	2115	1872	22.5	16°	03.8073	<div>40A = White</div> <div>14A = Black</div> <div>05B = Chrome</div>	.DA : DALI Dimming .1V : 0-10V Dimming	<div> E(lx) D(m) h(m) 16° 1 17329 0.28 2 4332 0.56 3 1925 0.84 4 1083 1.12 5 693 1.40 </div>
2700	90	2000	1770	22.5	16°	03.8072	<div>40A = White</div> <div>14A = Black</div> <div>05B = Chrome</div>	.DA : DALI Dimming .1V : 0-10V Dimming	<div> E(lx) D(m) h(m) 16° 1 16385 0.28 2 4096 0.56 3 1821 0.84 4 1024 1.12 5 655 1.40 </div>
3000	90	2115	1816	22.5	28°	03.8075	<div>40A = White</div> <div>14A = Black</div> <div>05B = Chrome</div>	.ADA : DALI Dimming .A1V : 0-10V Dimming	<div> E(lx) D(m) h(m) 28° 1 8395 0.50 2 2099 1.00 3 933 1.50 4 525 2.00 5 336 2.50 </div>
2700	90	2000	1717	22.5	28°	03.8074	<div>40A = White</div> <div>14A = Black</div> <div>05B = Chrome</div>	.ADA : DALI Dimming .A1V : 0-10V Dimming	<div> E(lx) D(m) h(m) 28° 1 7938 0.50 2 1984 1.00 3 882 1.50 4 496 2.00 5 318 2.50 </div>
3000	90	2115	1838	22.5	40°	03.8077	<div>40 = White</div> <div>14 = Black</div> <div>05B = Chrome</div>	.DA : DALI Dimming .1V : 0-10V Dimming	<div> E(lx) D(m) h(m) 40° 1 4656 0.73 2 1164 1.46 3 517 2.18 4 291 2.91 5 186 3.64 </div>
2700	90	2000	1 738	22.5	40°	03.8076	<div>40 = White</div> <div>14 = Black</div> <div>05B = Chrome</div>	.DA : DALI Dimming .1V : 0-10V Dimming	<div> E(lx) D(m) h(m) 40° 1 4402 0.73 2 1101 1.46 3 489 2.18 4 275 2.91 5 176 3.64 </div>

Infra-Structure Dimmable

Ceiling Suspended High-tech LED lighting system for interior architecture.

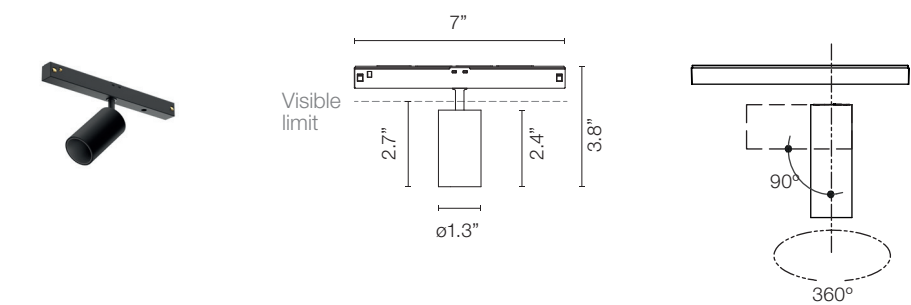
Optional Accessories Spot 150

Cross Baffle	Elliptical Lens	Flood Lens
08.8429.00	08.8431.00	08.8432.00
		
Honeycomb	Snoot shielding cone	
08.8428.00	08.0526.00	
		

Infra-Structure Dimmable

Ceiling Suspended High-tech LED lighting system for interior architecture.

Light Shadow Spot 30

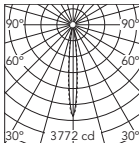
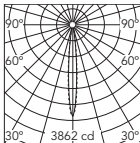
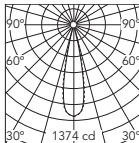
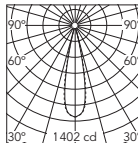


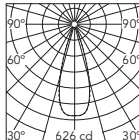
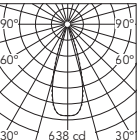
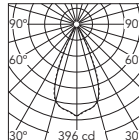
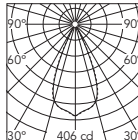
CCT	CRI	Initial Lumens	Delivered Lumens	Watts	Beam Spread	Part Number	Finish	Dimming Protocol
3000	90	263	214	4.5	10°	05.9005	<div>40 = White</div> <div>14 = Black</div> <div>ER = Brushed Steel</div> <div>ES = Brushed Bronze</div> <div>EQ = Brushed Copper</div>	Dimmable on Board 1V = 0-10V, 10% Dimming CB = Dimmable Casambi DA = DALI, 10% Dimming
2700	90	257	209	4.5	10°	05.9000		
3000	90	263	205	4.5	22°	05.9006	<div>40 = White</div> <div>14 = Black</div> <div>ER = Brushed Steel</div> <div>ES = Brushed Bronze</div> <div>EQ = Brushed Copper</div>	Dimmable on Board 1V = 0-10V, 10% Dimming CB = Dimmable Casambi DA = DALI, 10% Dimming
2700	90	257	201	4.5	22°	05.9001		
3000	90	263	204	4.5	33°	05.9007	<div>40 = White</div> <div>14 = Black</div> <div>ER = Brushed Steel</div> <div>ES = Brushed Bronze</div> <div>EQ = Brushed Copper</div>	Dimmable on Board 1V = 0-10V, 10% Dimming CB = Dimmable Casambi DA = DALI, 10% Dimming
2700	90	257	200	4.5	33°	05.9002		
3000	90	263	214	4.5	46°	05.9008	<div>40 = White</div> <div>14 = Black</div> <div>ER = Brushed Steel</div> <div>ES = Brushed Bronze</div> <div>EQ = Brushed Copper</div>	Dimmable on Board 1V = 0-10V, 10% Dimming CB = Dimmable Casambi DA = DALI, 10% Dimming
2700	90	257	209	4.5	46°	05.9003		

Infra-Structure Dimmable

Ceiling Suspended High-tech LED lighting system for interior architecture.

Photometric Light Shadow Spot 30

<p>Spot 10°</p> <p>2700K</p>  <p>Beam Angle: 10°</p> <table> <tr> <th>h(m)</th> <th>E(lx)</th> <th>D(m)</th> </tr> <tr> <td>1</td> <td>3772</td> <td>0.18</td> </tr> <tr> <td>2</td> <td>943</td> <td>0.36</td> </tr> <tr> <td>3</td> <td>419</td> <td>0.54</td> </tr> <tr> <td>4</td> <td>236</td> <td>0.72</td> </tr> <tr> <td>5</td> <td>151</td> <td>0.90</td> </tr> </table> <p>3772 cd</p> <p>Luminous flux luminaire 209 lm</p>	h(m)	E(lx)	D(m)	1	3772	0.18	2	943	0.36	3	419	0.54	4	236	0.72	5	151	0.90	<p>3000K</p>  <p>Beam Angle: 10°</p> <table> <tr> <th>h(m)</th> <th>E(lx)</th> <th>D(m)</th> </tr> <tr> <td>1</td> <td>3862</td> <td>0.18</td> </tr> <tr> <td>2</td> <td>966</td> <td>0.36</td> </tr> <tr> <td>3</td> <td>429</td> <td>0.54</td> </tr> <tr> <td>4</td> <td>241</td> <td>0.72</td> </tr> <tr> <td>5</td> <td>154</td> <td>0.90</td> </tr> </table> <p>3862 cd</p> <p>Luminous flux luminaire 214 lm</p>	h(m)	E(lx)	D(m)	1	3862	0.18	2	966	0.36	3	429	0.54	4	241	0.72	5	154	0.90	<p>Medium 22°</p> <p>2700K</p>  <p>Beam Angle: 22°</p> <table> <tr> <th>h(m)</th> <th>E(lx)</th> <th>D(m)</th> </tr> <tr> <td>1</td> <td>1374</td> <td>0.39</td> </tr> <tr> <td>2</td> <td>344</td> <td>0.78</td> </tr> <tr> <td>3</td> <td>153</td> <td>1.17</td> </tr> <tr> <td>4</td> <td>86</td> <td>1.56</td> </tr> <tr> <td>5</td> <td>55</td> <td>1.95</td> </tr> </table> <p>1374 cd</p> <p>Luminous flux luminaire 201 lm</p>	h(m)	E(lx)	D(m)	1	1374	0.39	2	344	0.78	3	153	1.17	4	86	1.56	5	55	1.95	<p>3000K</p>  <p>Beam Angle: 22°</p> <table> <tr> <th>h(m)</th> <th>E(lx)</th> <th>D(m)</th> </tr> <tr> <td>1</td> <td>1402</td> <td>0.39</td> </tr> <tr> <td>2</td> <td>350</td> <td>0.78</td> </tr> <tr> <td>3</td> <td>156</td> <td>1.17</td> </tr> <tr> <td>4</td> <td>88</td> <td>1.56</td> </tr> <tr> <td>5</td> <td>56</td> <td>1.95</td> </tr> </table> <p>1402 cd</p> <p>Luminous flux luminaire 205 lm</p>	h(m)	E(lx)	D(m)	1	1402	0.39	2	350	0.78	3	156	1.17	4	88	1.56	5	56	1.95
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<p>Flood 33°</p> <p>2700K</p>  <p>Beam Angle: 33°</p> <table> <tr> <th>h(m)</th> <th>E(lx)</th> <th>D(m)</th> </tr> <tr> <td>1</td> <td>625</td> <td>0.60</td> </tr> <tr> <td>2</td> <td>156</td> <td>1.19</td> </tr> <tr> <td>3</td> <td>69</td> <td>1.79</td> </tr> <tr> <td>4</td> <td>39</td> <td>2.39</td> </tr> <tr> <td>5</td> <td>25</td> <td>2.99</td> </tr> </table> <p>626 cd</p> <p>Luminous flux luminaire 200 lm</p>	h(m)	E(lx)	D(m)	1	625	0.60	2	156	1.19	3	69	1.79	4	39	2.39	5	25	2.99	<p>3000K</p>  <p>Beam Angle: 33°</p> <table> <tr> <th>h(m)</th> <th>E(lx)</th> <th>D(m)</th> </tr> <tr> <td>1</td> <td>638</td> <td>0.60</td> </tr> <tr> <td>2</td> <td>159</td> <td>1.19</td> </tr> <tr> <td>3</td> <td>71</td> <td>1.79</td> </tr> <tr> <td>4</td> <td>40</td> <td>2.39</td> </tr> <tr> <td>5</td> <td>26</td> <td>2.99</td> </tr> </table> <p>638 cd</p> <p>Luminous flux luminaire 204 lm</p>	h(m)	E(lx)	D(m)	1	638	0.60	2	159	1.19	3	71	1.79	4	40	2.39	5	26	2.99	<p>Wide Flood 46°</p> <p>2700K</p>  <p>Beam Angle: 46°</p> <table> <tr> <th>h(m)</th> <th>E(lx)</th> <th>D(m)</th> </tr> <tr> <td>1</td> <td>396</td> <td>0.84</td> </tr> <tr> <td>2</td> <td>99</td> <td>1.69</td> </tr> <tr> <td>3</td> <td>44</td> <td>2.53</td> </tr> <tr> <td>4</td> <td>25</td> <td>3.38</td> </tr> <tr> <td>5</td> <td>16</td> <td>4.22</td> </tr> </table> <p>396 cd</p> <p>Luminous flux luminaire 209 lm</p>	h(m)	E(lx)	D(m)	1	396	0.84	2	99	1.69	3	44	2.53	4	25	3.38	5	16	4.22	<p>3000K</p>  <p>Beam Angle: 46°</p> <table> <tr> <th>h(m)</th> <th>E(lx)</th> <th>D(m)</th> </tr> <tr> <td>1</td> <td>406</td> <td>0.84</td> </tr> <tr> <td>2</td> <td>101</td> <td>1.69</td> </tr> <tr> <td>3</td> <td>45</td> <td>2.53</td> </tr> <tr> <td>4</td> <td>25</td> <td>3.38</td> </tr> <tr> <td>5</td> <td>16</td> <td>4.22</td> </tr> </table> <p>406 cd</p> <p>Luminous flux luminaire 214 lm</p>	h(m)	E(lx)	D(m)	1	406	0.84	2	101	1.69	3	45	2.53	4	25	3.38	5	16	4.22
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3	44	2.53																																																																									
4	25	3.38																																																																									
5	16	4.22																																																																									
h(m)	E(lx)	D(m)																																																																									
1	406	0.84																																																																									
2	101	1.69																																																																									
3	45	2.53																																																																									
4	25	3.38																																																																									
5	16	4.22																																																																									

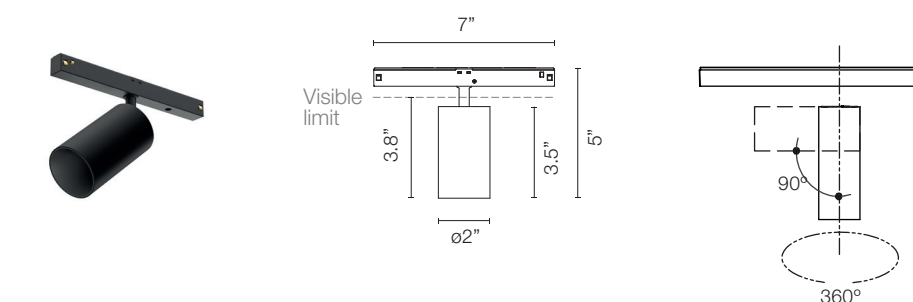
Optional Accessories Light Shadow Spot 30

<p>Honeycomb</p> <p>Part Number:</p> <p>08.0790.00</p>	<p>Dicroic CCT Filter</p> <p>INCREASE</p> <p>2700K >> 3125±75K</p> <p>3000K >> 3600±75K</p> <p>Part Number:</p> <p>08.0791.00</p>	<p>Dicroic CCT Filter</p> <p>DECREASE</p> <p>2700K >> 2450±75K</p> <p>3000K >> 2700±75K</p> <p>Part Number:</p> <p>08.0792.00</p>
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Infra-Structure Dimmable

Ceiling Suspended High-tech LED lighting system for interior architecture.

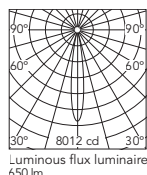
Light Shadow Spot 45



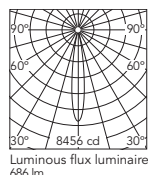
CCT	CRI	Initial Lumens	Delivered Lumens	Watts	Beam Spread	Part Number	Finish	Dimming Protocol
3000	90	844	686	10.5	15°	05.9035	<div>40 = White</div> <div>14 = Black</div> <div>ER = Brushed Steel</div> <div>ES = Brushed Bronze</div> <div>EQ = Brushed Copper</div>	Dimmable on Board 1V = 0-10V, 10% Dimming CB = Dimmable Casambi DA = DALI, 10% Dimming
2700	90	799	650	10.5	15°	05.9030		
3000	90	844	682	10.5	21°	05.9036	<div>40 = White</div> <div>14 = Black</div> <div>ER = Brushed Steel</div> <div>ES = Brushed Bronze</div> <div>EQ = Brushed Copper</div>	Dimmable on Board 1V = 0-10V, 10% Dimming CB = Dimmable Casambi DA = DALI, 10% Dimming
2700	90	799	645	10.5	21°	05.9031		
3000	90	844	682	10.5	31°	05.9037	<div>40 = White</div> <div>14 = Black</div> <div>ER = Brushed Steel</div> <div>ES = Brushed Bronze</div> <div>EQ = Brushed Copper</div>	Dimmable on Board 1V = 0-10V, 10% Dimming CB = Dimmable Casambi DA = DALI, 10% Dimming
2700	90	799	646	10.5	31°	05.9032		

Photometric Light Shadow Spot 45

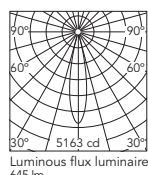
Spot 15° 2700K



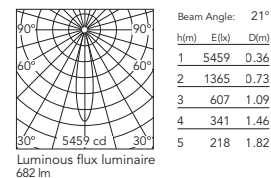
3000K



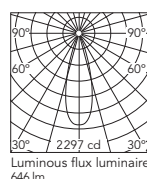
Medium 21° 2700K



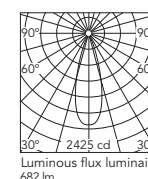
3000K



Flood 31° 2700K



3000K



Infra-Structure Dimmable

Ceiling Suspended High-tech LED lighting system for interior architecture.

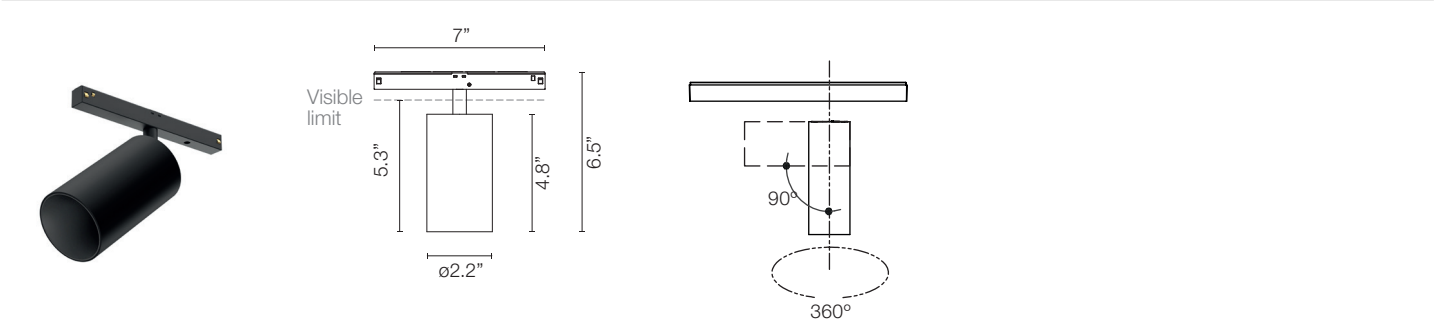
Optional Accessories Light Shadow Spot 45

Honeycomb	Dicroic CCT Filter INCREASE 2700K >> 3125±75K 3000K >> 3600±75K	Dicroic CCT Filter DECREASE 2700K >> 2450±75K 3000K >> 2700±75K
Part Number: 08.0793.00	Part Number: 08.0794.00	Part Number: 08.0795.00
		

Infra-Structure Dimmable

Ceiling Suspended High-tech LED lighting system for interior architecture.

Light Shadow Spot 60



CCT	CRI	Initial Lumens	Delivered Lumens	Watts	Beam Spread	Part Number	Finish	Dimming Protocol
3000	90	844	808	10	9°	05.9065	<div>40 = White</div> <div>14 = Black</div> <div>ER = Brushed Steel</div> <div>ES = Brushed Bronze</div> <div>EQ = Brushed Copper</div>	Dimmable on Board 1V = 0-10V, 10% Dimming CB = Dimmable Casambi DA = DALI, 10% Dimming
2700	90	799	765	10	9°	05.9060		
3000	90	1751	1375	20	15°	05.9066	<div>40 = White</div> <div>14 = Black</div> <div>ER = Brushed Steel</div> <div>ES = Brushed Bronze</div> <div>EQ = Brushed Copper</div>	Dimmable on Board 1V = 0-10V, 10% Dimming CB = Dimmable Casambi DA = DALI, 10% Dimming
2700	90	1593	1251	20	15°	05.9061		
3000	90	1751	1427	20	26°	05.9067	<div>40 = White</div> <div>14 = Black</div> <div>ER = Brushed Steel</div> <div>ES = Brushed Bronze</div> <div>EQ = Brushed Copper</div>	Dimmable on Board 1V = 0-10V, 10% Dimming CB = Dimmable Casambi DA = DALI, 10% Dimming
2700	90	1593	1298	20	26°	05.9062		
3000	90	1751	1431	20	33°	05.9068	<div>40 = White</div> <div>14 = Black</div> <div>ER = Brushed Steel</div> <div>ES = Brushed Bronze</div> <div>EQ = Brushed Copper</div>	Dimmable on Board 1V = 0-10V, 10% Dimming CB = Dimmable Casambi DA = DALI, 10% Dimming
2700	90	1593	1304	20	33°	05.9063		
3000	90	1751	1390	20	43°	05.9069	<div>40 = White</div> <div>14 = Black</div> <div>ER = Brushed Steel</div> <div>ES = Brushed Bronze</div> <div>EQ = Brushed Copper</div>	Dimmable on Board 1V = 0-10V, 10% Dimming CB = Dimmable Casambi DA = DALI, 10% Dimming
2700	90	1593	1268	20	43°	05.9064		

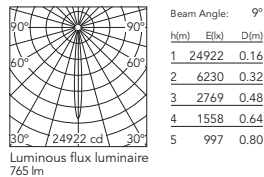
Infra-Structure Dimmable

Ceiling Suspended High-tech LED lighting system for interior architecture.

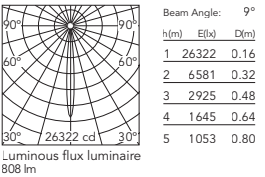
Photometric Light Shadow Spot 60

Super Spot 9°

2700K

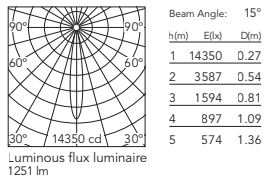


3000K

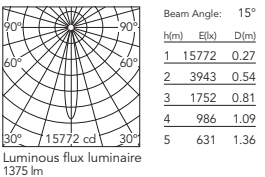


Spot 15°

2700K

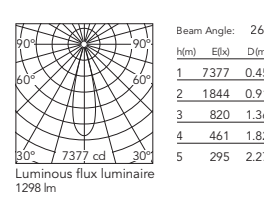


3000K

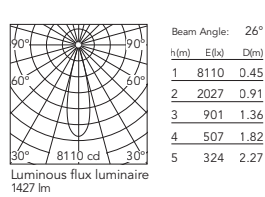


Medium 26°

2700K

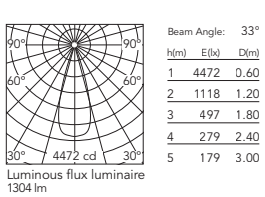


3000K

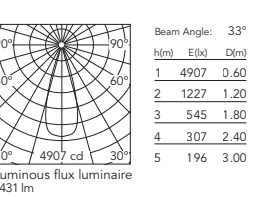


Flood 33°

2700K

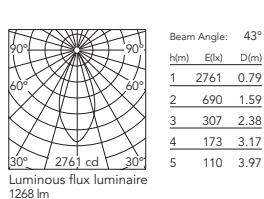


3000K

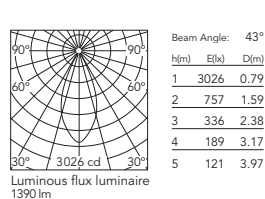


Wide Flood 43°

2700K









3000K



Infra-Structure Dimmable

Ceiling Suspended High-tech LED lighting system for interior architecture.

Optional Accessories Light Shadow Spot 60

Honeycomb Super Spot		Honeycomb Spot / Medium / Flood / Wide Flood	
Part Number:		Part Number:	
08.0175.14		08.0176.14	
			
INCREASE		INCREASE	
Dicroic Super Spot	2700K >> 3125±75K 3000K >> 3600±75K	Dicroic Spot / Medium / Flood / Wide Flood	2700K >> 3125±75K 3000K >> 3600±75K
Part Number:		Part Number:	
08.0796.00		08.0798.00	
			
DECREASE		DECREASE	
Dicroic Super Spot	2700K >> 2450±75K 3000K >> 2700±75K	Dicroic Spot / Medium / Flood / Wide Flood	2700K >> 2450±75K 3000K >> 2700±75K
Part Number:		Part Number:	
08.0797.00		08.0799.00	
			

Infra-Structure Dimmable

Ceiling Suspended High-tech LED lighting system for interior architecture.

Suspension Panel 600 How to Specify ex. 03.4140.14.1V / ex. 03.4140.14.DA



Rod Finish	Length	CCT	CRI	Initial Lumen	Delivered Lumen	Watts	Beam Spread*	Part Number	Finish Interior	Dimming Protocol
Black Rod 3.94" (100mm)	100	2700	90	3195	1486	40	114°	03.8140	Black Exterior	ADD : DALI Dimming A9V : 0-10V Dimming
Black Rod 15.75" (400mm)	400	2700	90	3195	1486	40	114°	03.8141	Gold Interior	
White Rod 3.94" (100mm)	100	2700	90	3195	1529	40	113°	03.8140	White Exterior	
White Rod 15.75" (400mm)	400	2700	90	3195	1529	40	113°	03.8141	White Interior	

Rod Finish	Length	CCT	CRI	Initial Lumen	Delivered Lumen	Watts	Beam Spread*	Part Number	Finish Interior	Dimming Protocol
Black Rod 3.94" (100mm)	100	3000	90	3381	1573	40	114°	03.8142	Black Exterior	ADD : DALI Dimming A9V : 0-10V Dimming
Black Rod 15.75" (400mm)	400	3000	90	3381	1573	40	114°	03.8143	Gold Interior	
White Rod 3.94" (100mm)	100	3000	90	3381	1618	40	113°	03.8142	White Exterior	
White Rod 15.75" (400mm)	400	3000	90	3381	1618	40	113°	03.8143	White Interior	

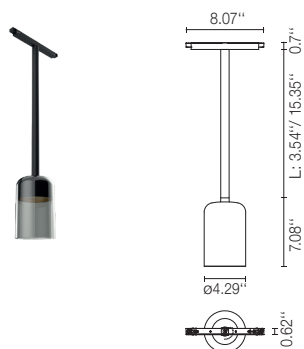
Infra-Structure Dimmable








Ceiling Suspended High-tech LED lighting system for interior architecture.








Suspension Glass Downlight 110

How to Specify

ex. 03.8130.00.1V / ex. 03.8130.00.DA



Rod Finish	Length	CCT	CRI	Initial Lumen	Delivered Lumen	Watts	Beam Spread*	Part Number	Finish	Dimming Protocol
 Black Rod 3.94" (100mm)	100	2700	90	1296	From 292 lm Up to 746 lm	13,5	82° 47° 42°	03.8130	 00 = Transparent Glass  FU = Smoked Glass  RC = Red Glass	.DA : DALI Dimming .1V : 0-10V Dimming
 Black Rod 15.75" (400mm)	400	2700	90	1296	From 292 lm Up to 746 lm	13,5	82° 47° 42°	03.8131		
 White Rod 3.94" (100mm)	100	2700	90	1296	From 292 lm Up to 746 lm	13,5	82° 47° 42°	03.8135		
 White Rod 15.75" (400mm)	400	2700	90	1296	From 292 lm Up to 746 lm	13,5	82° 47° 42°	03.8136		

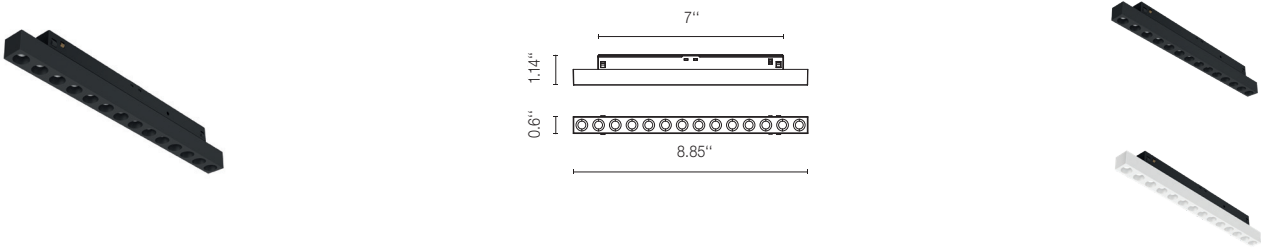
Rod Finish	Length	CCT	CRI	Initial Lumen	Delivered Lumen	Watts	Beam Spread*	Part Number	Finish	Dimming Protocol
 Black Rod 3.94" (100mm)	100	3000	90	1371	From 292 lm Up to 746 lm	13,5	82° 47° 42°	03.8132	 00 = Transparent Glass  FU = Smoked Glass  RC = Red Glass	.DA : DALI Dimming .1V : 0-10V Dimming
 Black Rod 15.75" (400mm)	400	3000	90	1371	From 292 lm Up to 746 lm	13,5	82° 47° 42°	03.8133		
 White Rod 3.94" (100mm)	100	3000	90	1371	From 292 lm Up to 746 lm	13,5	82° 47° 42°	03.8137		
 White Rod 15.75" (400mm)	400	3000	90	1371	From 292 lm Up to 746 lm	13,5	82° 47° 42°	03.8138		

*The Beam Spread comes fixed by the finish of the Glass and can not be chosen as an option

Infra-Structure Dimmable

Ceiling Suspended High-tech LED lighting system for interior architecture.

Multi Spot Mini How to Specify ex. 05.3550.14 / 05.3550.14.CB / 05.3550.14.DA / 05.3550.14.1V

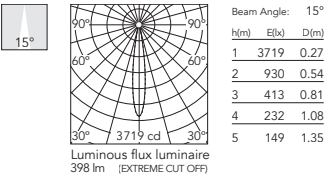


CCT	CRI	Initial Lumens	Delivered Lumens	Watts	Beam Spread	Part Number	Finish	Dimming Protocol
2700	90	654.12	398	7.5	15°	05.3550	<div>40 = White</div> <div>14 = Black</div>	Dimmable on Board 1V = 1-10V, 10% Dimming CB = Dimmable Casambi DA = DALI, 10% Dimming
2700	90	654.12	424	7.5	20°	05.3552		
2700	90	654.12	391	7.5	32°	05.3554		
3000	90	665.41	405	7.5	15°	05.3551	<div>40 = White</div> <div>14 = Black</div>	Dimmable on Board 1V = 1-10V, 10% Dimming CB = Dimmable Casambi DA = DALI, 10% Dimming
3000	90	665.41	431	7.5	20°	05.3553		
3000	90	665.41	397	7.5	32°	05.3555		

Photometric

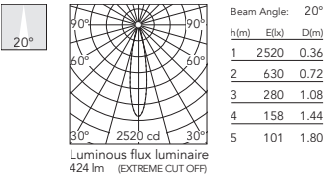
Spot 15°

2700 K



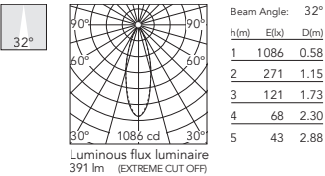
Medium 20°

2700 K

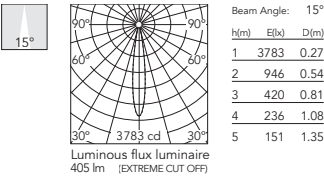


Flood 32°

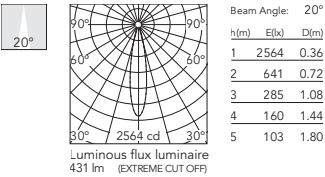
2700 K



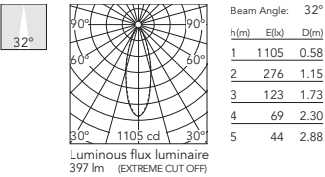
3000 K



3000 K



3000 K



Infra-Structure Dimmable

Ceiling Suspended High-tech LED lighting system for interior architecture.

How To Specify

A. Select and position Rods

1. Mechanical Rod Canopy ø1.97".
2. Mechanical Rod Canopy ø5.59".
3. Electrical Feed Rod Canopy ø1.97".
4. Electrical Feed Rod Canopy ø5.59".
5. Electrical DATA Rod Canopy ø5.59".
6. Electrical DATA Rod Canopy ø5.59".

B. Fill lengths between Rods with Straight Elements

41.53", or 61.22' sections can be specified. Track can be not cut into different lengths. Add the End Cap 11" profile at the beginning and the end of a run.

C. Drivers

Quantity of drivers determined by total wattage of light elements in section (total maximum possible per linear foot is 30W). Maximum driver distance is 15'. Locate drivers nearby.

D. Select Light Elements

Linear Direct and Indirect tubes are available in three nominal lengths: 35.43", 47.24" and 59'. Individual Spots are Spot 50, Spot 90, Spot 120, Spot 150 and Anthony. The Infra-Structure system also has the exclusive decorative suspension glass and suspension pendant designed by Vincent Van Dyusen.



Visit FLOS Worldwide YouTube channel for installation videos