



Infra-Structure Non 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 type="checkbox"/> 14 Black



Light Modules



Certifications



Photometrics

For current IES files please visit arch.flosusa.com

Warranty

2 years from date of sale.

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	Non Dimmable (on board knob to adjust lumen output)



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Notes

Contractor to supply wire from driver to luminaire. Drivers should be installed in a suitable electrical enclosure (by others), and an accessible location.

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

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.

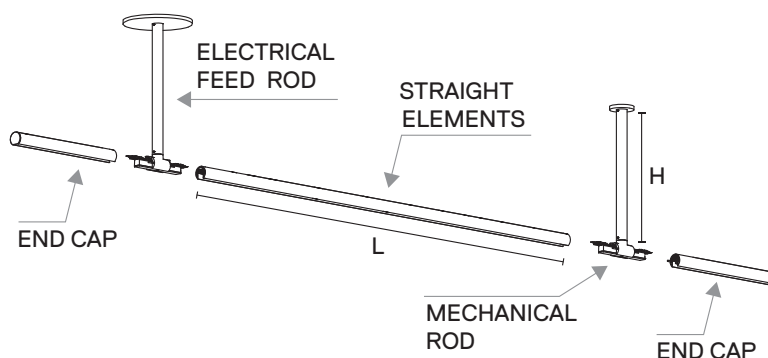
Tracks can not be cut.

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



Certifications



Photometrics

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Warranty

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Required Installation Accessories

<div>Track Straight Element . Lenghts: 41.53" (1055mm) 61.22" (1555mm)</div> <div>Part Number:</div> <div><div><div></div>06.5140.14 [41.53"]</div><div><div></div>06.5140.40 [41.53"]</div></div> <div><div><div></div>06.5141.14 [61.22"]</div><div><div></div>06.5141.40 [61.22"]</div></div>
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Note: Tracks are fixed lengths and cannot be field cut.

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Ceiling Rods

Mechanical Rod Canopy ø1.97"

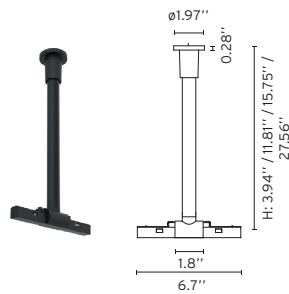


Table with 3 columns: Length, Part Number, Finish. Rows include lengths 3.94", 11.81", 15.75", 27.56" and finish options 14 = Black, 40 = White.

Mechanical Rod Canopy ø5.59"

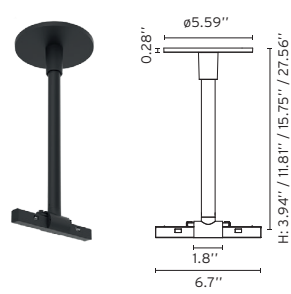


Table with 3 columns: Length, Part Number, Finish. Rows include lengths 3.94", 11.81", 15.75", 27.56" and finish options 14 = Black, 40 = White.

Electrical Feed Rod Canopy ø1.97"

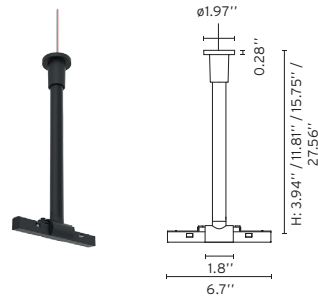


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Electrical Feed Rod Canopy ø5.59"

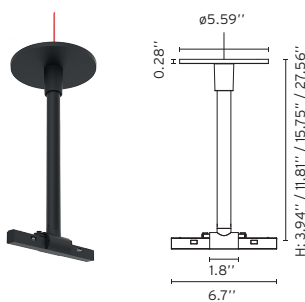


Table with 3 columns: Length, Part Number, Finish. Rows include lengths 3.94", 11.81", 15.75", 27.56" and finish options 14 = Black, 40 = White.

* 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

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Ceiling Suspended Rods

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

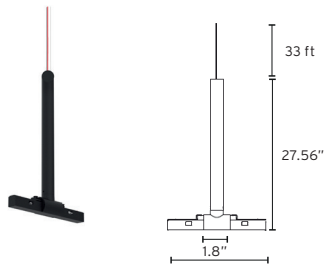


Table with 3 columns: Length, Part Number, Finish. Row 1: 27.56" (700mm), 06.5114, 14 = Black, 40 = White.

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

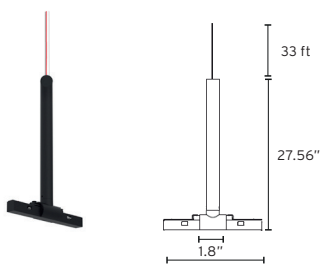


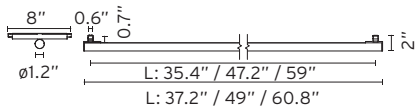
Table with 3 columns: Length, Part Number, Finish. Row 1: 27.56" (700mm), 06.5124, 14 = Black, 40 = White.

Blind Tube

Blind Tube.

Part Number:




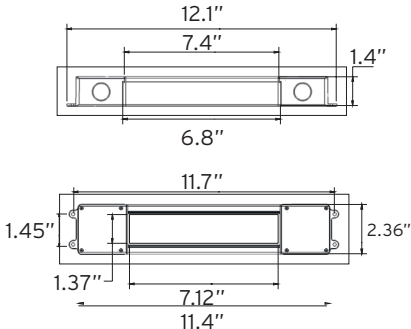
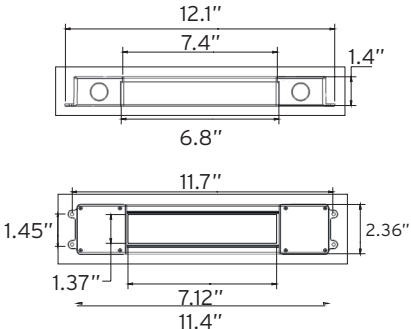
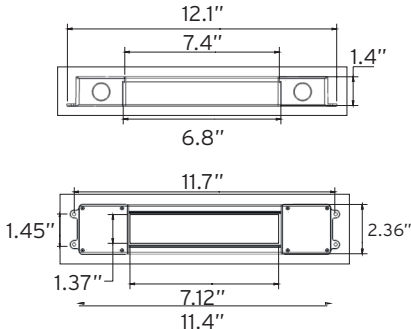
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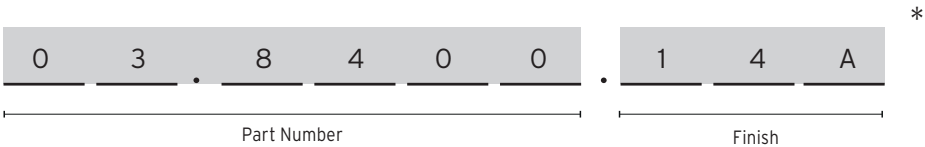
Drivers

<p>LED power supply source for remote installation, 48V/100W Meanwell HLG-100H-48</p> <p>Part Number:</p> <p>LEDSB96W48V-NDM-DO1</p>	<p>LED power supply source for remote installation, 48V/60W, 120-277V, Magnitude, UL Listed</p> <p>Part Number:</p> <p>LEDSB60W48V-NDM-DO1</p>	<p>LED power supply source for remote installation, 48V/30W, 120-277V, Magnitude, UL Listed</p> <p>Part Number:</p> <p>LEDSB30W48V-NDM-DO1</p>
		
		

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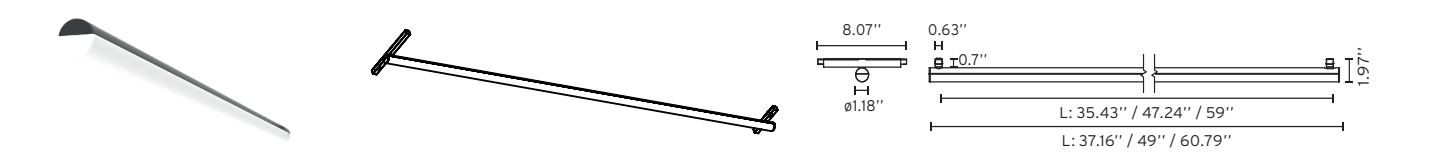
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How to specify



* specify power supply separately

Light Tube Direct



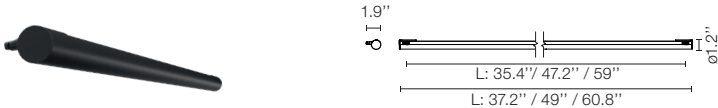
Length	CRI	CCT	Initial Lumen	Delivered Lumen	Watts	Beam Spread	Part Number	Finish
35.43" (900 mm)	90	2700	1820	1485	23	145°	03.8100	<div>14A = Black</div> <div>40A = White</div>
47.24" (1200 mm)	90	2700	2366	1908	30	145°	03.8101	<div>14A = Black</div> <div>40A = White</div>
59" (1500 mm)	90	2700	2912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

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

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Light Tube Indirect



Length	CCT	Initial Lumen	Delivered Lumen	Watts	CRI	Beam Spread	Part Number	Finish	Photometrics
35.4" (900 mm)	2700	1820	12139	23	90	99°	03.8110	<div> <div></div> <div>14 = Black</div> <div></div> <div>40 = White</div> </div>	<div> Beam Angle: 99° h(m) E(lx) D(m) 1 690 2.12 2 173 4.25 3 77 6.37 4 43 8.50 5 28 10.62 Luminous flux luminaire 1612 lm </div>
47.2" (1200 mm)	2700	2366	1612	30			03.8111	<div> <div></div> <div>14 = Black</div> <div></div> <div>40 = White</div> </div>	
59" (1500 mm)	2700	2912	1984	38			03.8112	<div> <div></div> <div>14 = Black</div> <div></div> <div>40 = White</div> </div>	

Length	CCT	Initial Lumen	Delivered Lumen	Watts	CRI	Beam Spread	Part Number	Finish	Photometrics
35.4" (900 mm)	3000	2048	1249	23	90	99°	03.8115	<div> <div></div> <div>14 = Black</div> <div></div> <div>40 = White</div> </div>	<div> Beam Angle: 99° h(m) E(lx) D(m) 1 695 2.12 2 174 4.25 3 77 6.37 4 43 8.50 5 28 10.62 Luminous flux luminaire 1624 lm </div>
47.2" (1200 mm)	3000	2663	1624	30			03.8116	<div> <div></div> <div>14 = Black</div> <div></div> <div>40 = White</div> </div>	
59" (1500 mm)	3000	3278	1999	38			03.8117	<div> <div></div> <div>14 = Black</div> <div></div> <div>40 = White</div> </div>	

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Spot 50

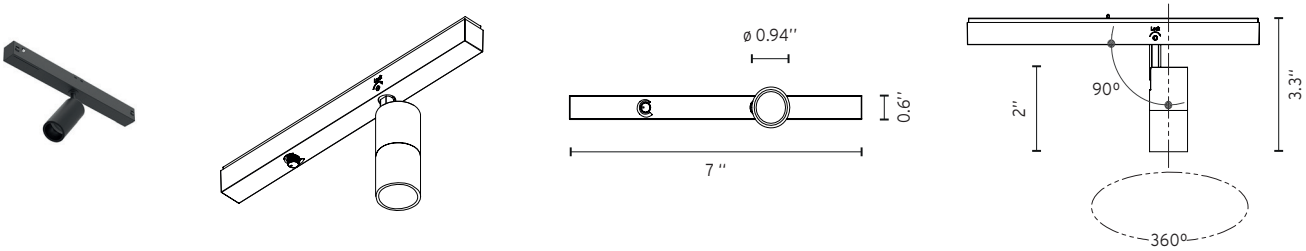
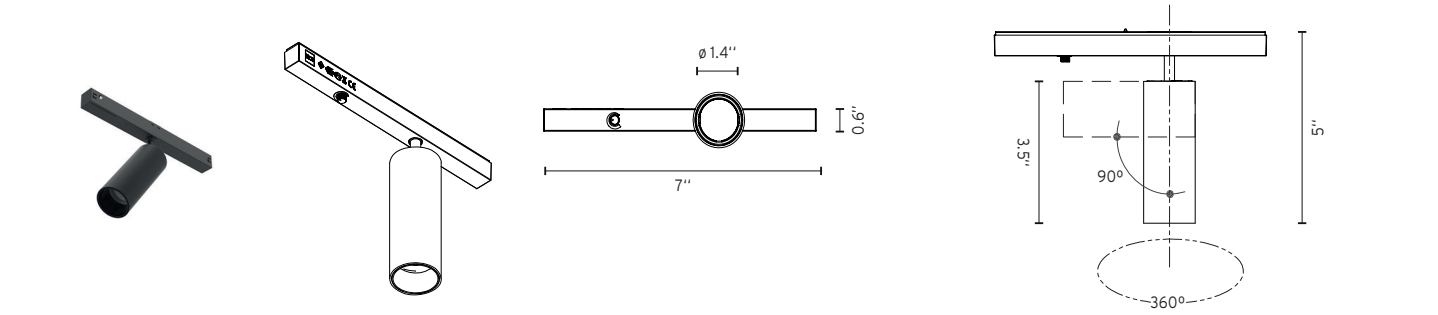


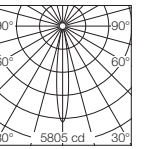
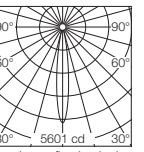
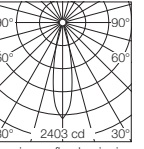
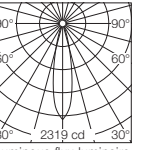
Table with 9 columns: CCT, CRI, Initial Lumen, Delivered Lumen, Watts, Beam Spread, Part Number, Finish, and Photometric. It contains two rows of data for different CCT values (3000K and 2700K) and their corresponding photometric specifications.

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Spot 90

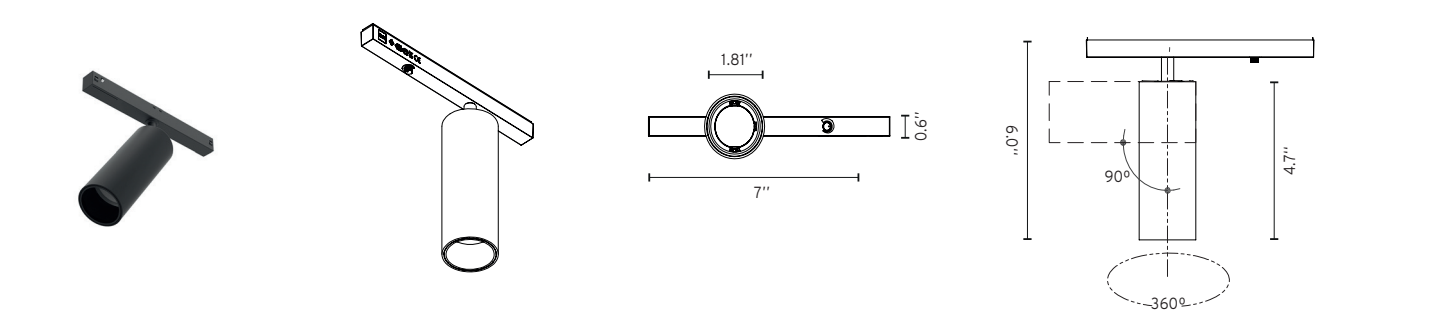


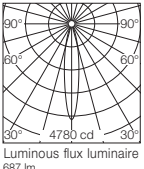
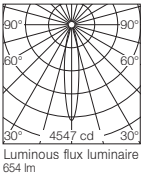
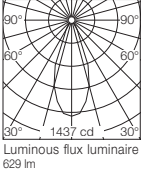
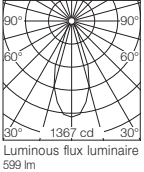
CCT	CRI	Initial Lumen	Delivered Lumen	Watts	Beam Spread	Part Number	Finish	Photometric														
3000	90	656	443	8.5	14°	03.8043	<div><div></div> 40A = White</div> <div><div></div> 14A = Black</div> <div><div></div> 05A = Chrome</div>	<div><table><thead><tr><th>E(x)</th><th>D(m)</th></tr></thead><tbody><tr><td>h(m)</td><td>14°</td></tr><tr><td>1</td><td>5805 0.25</td></tr><tr><td>2</td><td>1451 0.49</td></tr><tr><td>3</td><td>645 0.74</td></tr><tr><td>4</td><td>363 0.98</td></tr><tr><td>5</td><td>232 1.23</td></tr></tbody></table><p>Luminous flux luminaire 443 lm</p></div>	E(x)	D(m)	h(m)	14°	1	5805 0.25	2	1451 0.49	3	645 0.74	4	363 0.98	5	232 1.23
E(x)	D(m)																					
h(m)	14°																					
1	5805 0.25																					
2	1451 0.49																					
3	645 0.74																					
4	363 0.98																					
5	232 1.23																					
2700	90	610	428	8.5	14°	03.8042	<div><table><thead><tr><th>E(x)</th><th>D(m)</th></tr></thead><tbody><tr><td>h(m)</td><td>14°</td></tr><tr><td>1</td><td>5601 0.25</td></tr><tr><td>2</td><td>1400 0.49</td></tr><tr><td>3</td><td>622 0.74</td></tr><tr><td>4</td><td>350 0.98</td></tr><tr><td>5</td><td>224 1.23</td></tr></tbody></table><p>Luminous flux luminaire 428 lm</p></div>	E(x)	D(m)	h(m)	14°	1	5601 0.25	2	1400 0.49	3	622 0.74	4	350 0.98	5	224 1.23	
E(x)	D(m)																					
h(m)	14°																					
1	5601 0.25																					
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5	224 1.23																					
3000	90	656	406	8.5	22°	03.8045	<div><table><thead><tr><th>E(x)</th><th>D(m)</th></tr></thead><tbody><tr><td>h(m)</td><td>22°</td></tr><tr><td>1</td><td>2403 0.38</td></tr><tr><td>2</td><td>601 0.77</td></tr><tr><td>3</td><td>267 1.15</td></tr><tr><td>4</td><td>150 1.54</td></tr><tr><td>5</td><td>96 1.92</td></tr></tbody></table><p>Luminous flux luminaire 406 lm</p></div>	E(x)	D(m)	h(m)	22°	1	2403 0.38	2	601 0.77	3	267 1.15	4	150 1.54	5	96 1.92	
E(x)	D(m)																					
h(m)	22°																					
1	2403 0.38																					
2	601 0.77																					
3	267 1.15																					
4	150 1.54																					
5	96 1.92																					
2700	90	610	392	8.5	22°	03.8044	<div><table><thead><tr><th>E(x)</th><th>D(m)</th></tr></thead><tbody><tr><td>h(m)</td><td>22°</td></tr><tr><td>1</td><td>2319 0.38</td></tr><tr><td>2</td><td>580 0.77</td></tr><tr><td>3</td><td>258 1.15</td></tr><tr><td>4</td><td>145 1.54</td></tr><tr><td>5</td><td>93 1.92</td></tr></tbody></table><p>Luminous flux luminaire 392 lm</p></div>	E(x)	D(m)	h(m)	22°	1	2319 0.38	2	580 0.77	3	258 1.15	4	145 1.54	5	93 1.92	
E(x)	D(m)																					
h(m)	22°																					
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3	258 1.15																					
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Spot 120 Power LED

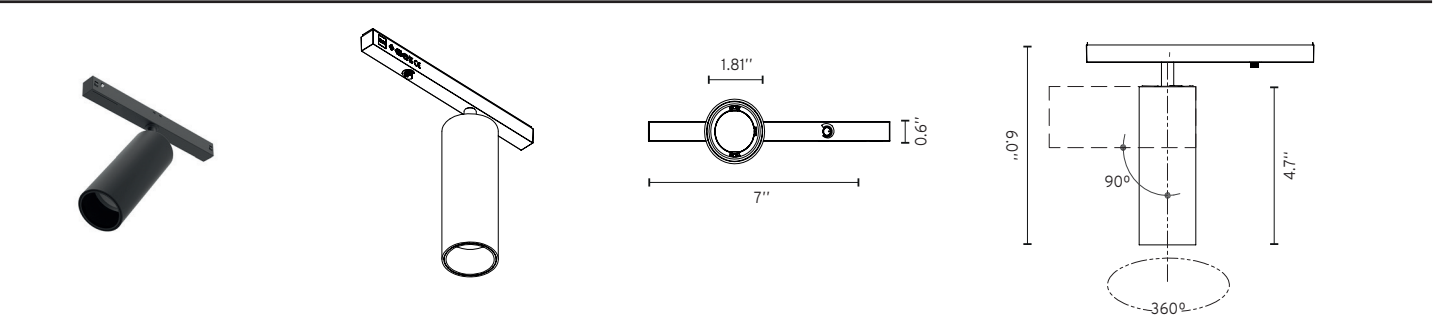


CCT	CRI	Initial Lumen	Delivered Lumen	Watts	Beam Spread	Part Number	Finish	Photometric												
3000	90	779	558	12	11°	03.8053	<div><div></div> 40A = White</div> <div><div></div> 14A = Black</div> <div><div></div> 05A = Chrome</div>	<div><table><thead><tr><th>E(x)</th><th>D(m)</th></tr></thead><tbody><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><p>Luminous flux luminaire 687 lm</p></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
E(x)	D(m)																			
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>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><p>Luminous flux luminaire 654 lm</p></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	
E(x)	D(m)																			
1	4547 0.31																			
2	1137 0.61																			
3	505 0.92																			
4	284 1.23																			
5	182 1.53																			
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>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><p>Luminous flux luminaire 629 lm</p></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	
E(x)	D(m)																			
1	1437 0.73																			
2	359 1.45																			
3	160 2.18																			
4	90 2.91																			
5	57 3.64																			
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>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><p>Luminous flux luminaire 599 lm</p></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	
E(x)	D(m)																			
1	1367 0.73																			
2	342 1.45																			
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4	85 2.91																			
5	55 3.64																			

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Spot 120 LED Array

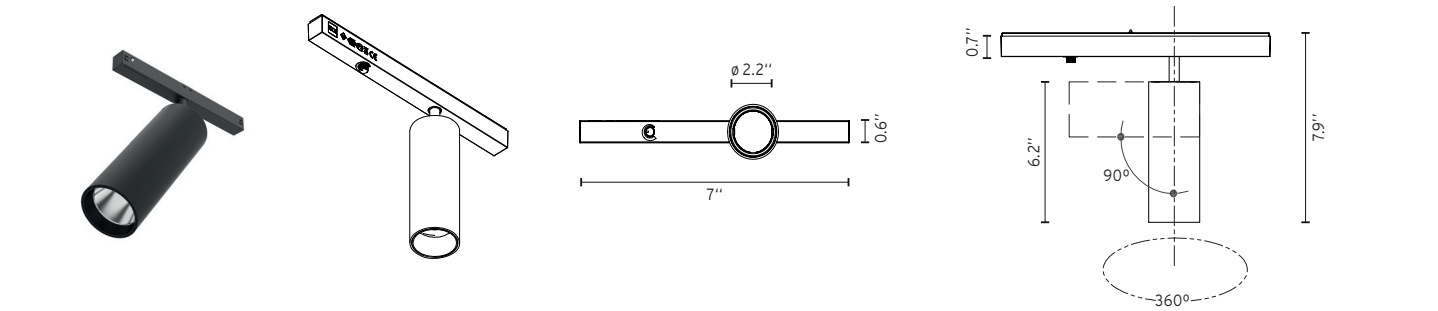


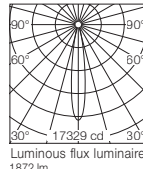
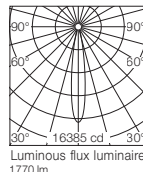
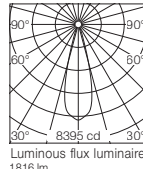
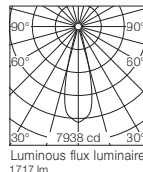
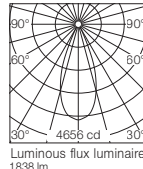
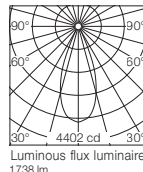
CCT	CRI	Initial Lumen	Delivered Lumen	Watts	Beam Spread	Part Number	Finish	Photometric												
3000	90	1138	687	12,5	17°	03.8155	<div><div></div> 40A = White</div> <div><div></div> 14A = Black</div> <div><div></div> 05A = Chrome</div>	<div><table><thead><tr><th>E(x)</th><th>D(m)</th></tr></thead><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
E(x)	D(m)																			
1	4780 0.31																			
2	1195 0.61																			
3	531 0.92																			
4	299 1.23																			
5	191 1.53																			
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	
E(x)	D(m)																			
1	4547 0.31																			
2	1137 0.61																			
3	505 0.92																			
4	284 1.23																			
5	182 1.53																			
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	
E(x)	D(m)																			
1	1437 0.73																			
2	359 1.45																			
3	160 2.18																			
4	90 2.91																			
5	57 3.64																			
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	
E(x)	D(m)																			
1	1367 0.73																			
2	342 1.45																			
3	152 2.18																			
4	85 2.91																			
5	55 3.64																			

Infra-Structure Non 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	Photometric														
3000	90	2115	1872	22.5	16°	03.8073	<div><div></div> 40A = White</div> <div><div></div> 14A = Black</div> <div><div></div> 05A = Chrome</div>	<div><table><thead><tr><th>E(x)</th><th>D(m)</th></tr></thead><tbody><tr><td>h(m)</td><td>16°</td></tr><tr><td>1</td><td>17329 0.28</td></tr><tr><td>2</td><td>4332 0.56</td></tr><tr><td>3</td><td>1925 0.84</td></tr><tr><td>4</td><td>1083 1.12</td></tr><tr><td>5</td><td>693 1.40</td></tr></tbody></table><p>Luminous flux luminaire 1872 lm</p></div>	E(x)	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
E(x)	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																					
2700	90	2000	1770	22.5	16°	03.8072		<div><table><thead><tr><th>E(x)</th><th>D(m)</th></tr></thead><tbody><tr><td>h(m)</td><td>16°</td></tr><tr><td>1</td><td>16385 0.28</td></tr><tr><td>2</td><td>4096 0.56</td></tr><tr><td>3</td><td>1821 0.84</td></tr><tr><td>4</td><td>1024 1.12</td></tr><tr><td>5</td><td>655 1.40</td></tr></tbody></table><p>Luminous flux luminaire 1770 lm</p></div>	E(x)	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
E(x)	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																					
3000	90	2115	1816	22.5	28°	03.8075	<div><div></div> 40A = White</div> <div><div></div> 14A= Black</div> <div><div></div> 05A = Chrome</div>	<div><table><thead><tr><th>E(x)</th><th>D(m)</th></tr></thead><tbody><tr><td>h(m)</td><td>28°</td></tr><tr><td>1</td><td>8395 0.50</td></tr><tr><td>2</td><td>2099 1.00</td></tr><tr><td>3</td><td>933 1.50</td></tr><tr><td>4</td><td>525 2.00</td></tr><tr><td>5</td><td>336 2.50</td></tr></tbody></table><p>Luminous flux luminaire 1816 lm</p></div>	E(x)	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
E(x)	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																					
2700	90	2000	1717	22.5	28°	03.8074		<div><table><thead><tr><th>E(x)</th><th>D(m)</th></tr></thead><tbody><tr><td>h(m)</td><td>28°</td></tr><tr><td>1</td><td>7938 0.50</td></tr><tr><td>2</td><td>1984 1.00</td></tr><tr><td>3</td><td>882 1.50</td></tr><tr><td>4</td><td>496 2.00</td></tr><tr><td>5</td><td>318 2.50</td></tr></tbody></table><p>Luminous flux luminaire 1717 lm</p></div>	E(x)	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
E(x)	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																					
3000	90	2115	1838	22.5	40°	03.8077	<div><div></div> 40A = White</div> <div><div></div> 14A = Black</div> <div><div></div> 05A = Chrome</div>	<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>4656 0.73</td></tr><tr><td>2</td><td>1164 1.46</td></tr><tr><td>3</td><td>517 2.18</td></tr><tr><td>4</td><td>291 2.91</td></tr><tr><td>5</td><td>186 3.64</td></tr></tbody></table><p>Luminous flux luminaire 1838 lm</p></div>	E(x)	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
E(x)	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																					
2700	90	2000	1738	22.5	40°	03.8076		<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>4402 0.73</td></tr><tr><td>2</td><td>1101 1.46</td></tr><tr><td>3</td><td>489 2.18</td></tr><tr><td>4</td><td>275 2.91</td></tr><tr><td>5</td><td>176 3.64</td></tr></tbody></table><p>Luminous flux luminaire 1738 lm</p></div>	E(x)	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
E(x)	D(m)																					
h(m)	40°																					
1	4402 0.73																					
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Infra-Structure Non Dimmable

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

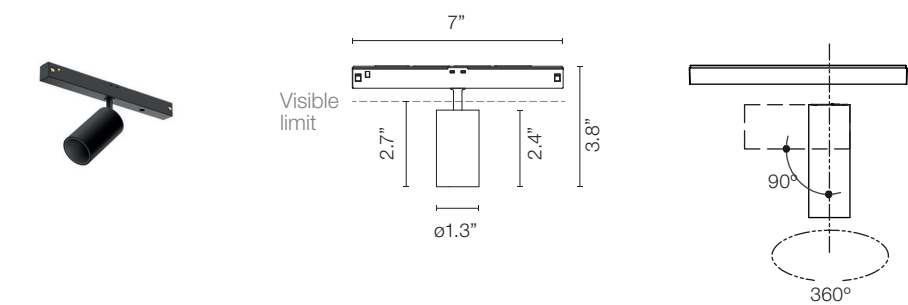
Optional Accessories Spot 150

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 Non Dimmable

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

Light Shadow Spot 30



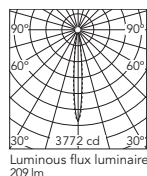
CCT	CRI	Initial Lumens	Delivered Lumens	Watts	Beam Spread	Part Number	Finish	Dimming Protocol
3000	90	263	214	4.5	10°	05.9005	<div>40 = White</div> <div>14 = Black</div> <div>ER = Brushed Steel</div> <div>ES = Brushed Bronze</div> <div>EQ = Brushed Copper</div>	Dimmable on Board
2700	90	257	209	4.5	10°	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
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
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
2700	90	257	209	4.5	46°	05.9003		

Infra-Structure Non Dimmable

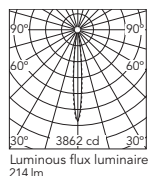
Ceiling Suspended High-tech LED lighting system for interior architecture.

Photometric Light Shadow Spot 30

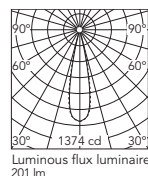
Spot 10° 2700K



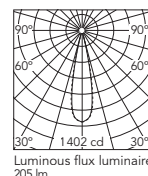
3000K



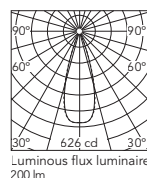
Medium 22° 2700K



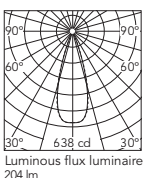
3000K



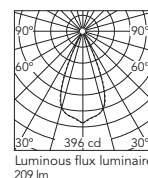
Flood 33° 2700K



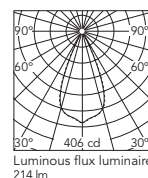
3000K



Wide Flood 46° 2700K



3000K



Optional Accessories Light Shadow Spot 30

Honeycomb

Part Number:

08.0790.00



Dicroic CCT Filter

INCREASE

2700K >> 3125±75K

3000K >> 3600±75K

Part Number:

08.0791.00



Dicroic CCT Filter

DECREASE

2700K >> 2450±75K

3000K >> 2700±75K

Part Number:

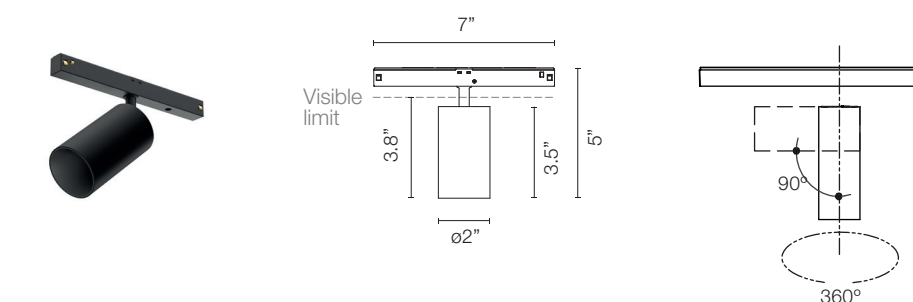
08.0792.00



Infra-Structure Non Dimmable

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

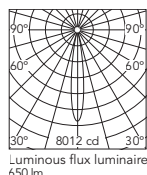
Light Shadow Spot 45



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
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
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
2700	90	799	646	10.5	31°	05.9032		

Photometric Light Shadow Spot 45

Spot 15° 2700K

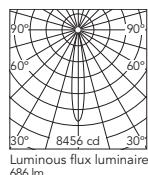


Beam Angle: 15°

h(m)	E(lx)	D(m)
1	8012	0.27
2	2003	0.54
3	890	0.80
4	501	1.07
5	320	1.34

Luminous flux luminaire 650 lm

3000K

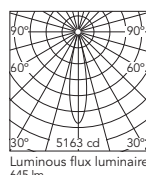


Beam Angle: 15°

h(m)	E(lx)	D(m)
1	8456	0.27
2	2114	0.54
3	940	0.80
4	528	1.07
5	338	1.34

Luminous flux luminaire 686 lm

Medium 21° 2700K

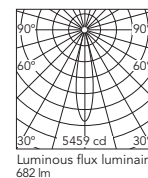


Beam Angle: 21°

h(m)	E(lx)	D(m)
1	5163	0.36
2	1291	0.73
3	574	1.09
4	323	1.46
5	207	1.82

Luminous flux luminaire 645 lm

3000K

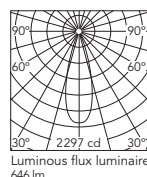


Beam Angle: 21°

h(m)	E(lx)	D(m)
1	5459	0.36
2	1365	0.73
3	607	1.09
4	341	1.46
5	218	1.82

Luminous flux luminaire 682 lm

Flood 31° 2700K

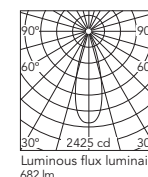


Beam Angle: 31°

h(m)	E(lx)	D(m)
1	2296	0.56
2	574	1.11
3	255	1.67
4	144	2.22
5	92	2.78

Luminous flux luminaire 646 lm

3000K



Beam Angle: 31°

h(m)	E(lx)	D(m)
1	2424	0.56
2	606	1.11
3	269	1.67
4	152	2.22
5	97	2.78

Luminous flux luminaire 682 lm

Infra-Structure Non Dimmable

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

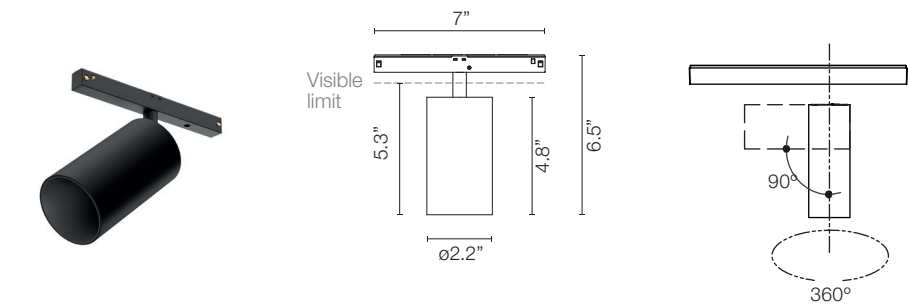
Optional Accessories Light Shadow Spot 45

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

Infra-Structure Non 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
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
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
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
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
2700	90	1593	1268	20	43°	05.9064		

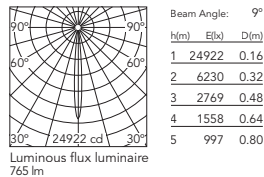
Infra-Structure Non Dimmable

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

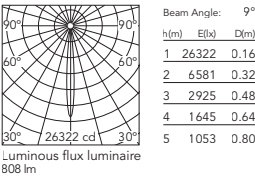
Photometric Light Shadow Spot 60

Super Spot 9°

2700K

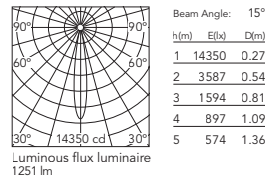


3000K

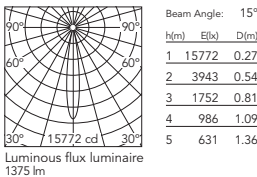


Spot 15°

2700K

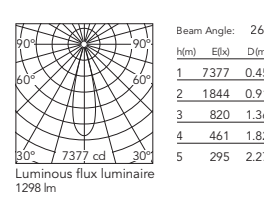


3000K

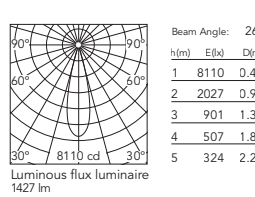


Medium 26°

2700K

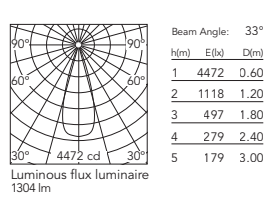


3000K

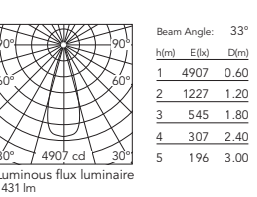


Flood 33°

2700K

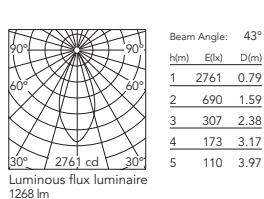


3000K

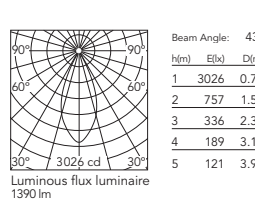


Wide Flood 43°

2700K









3000K



Infra-Structure Non Dimmable

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

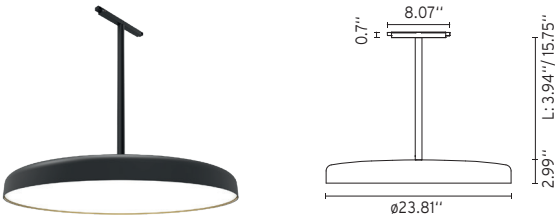
Optional Accessories Light Shadow Spot 60

Honeycomb Super Spot		Honeycomb Spot / Medium / Flood / Wide Flood	
Part Number: 08.0175.14		Part Number: 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: 08.0796.00		Part Number: 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: 08.0797.00		Part Number: 08.0799.00	
			

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



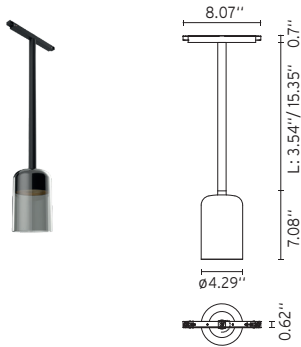
Rod Finish	Length	CCT	CRI	Initial Lumen	Delivered Lumen	Watts	Beam Spread*	Part Number	Finish
Black Rod 3.94" (100mm)	100	2700	90	3195	1486	40	114°	03.8140	<div> <div>14A90 =</div> <div>Black Exterior</div> <div>Gold Interior</div> </div> A90: On Board Dimmer
Black Rod 15.75" (400mm)	400	2700	90	3195	1486	40	114°	03.8141	
White Rod 3.94" (100mm)	100	2700	90	3195	1529	40	113°	03.8140	<div> <div>40A90 =</div> <div>White Exterior</div> <div>White Interior</div> </div> A90: On Board Dimmer
White Rod 15.75" (400mm)	400	2700	90	3195	1529	40	113°	03.8141	








Rod Finish	Length	CCT	CRI	Initial Lumen	Delivered Lumen	Watts	Beam Spread*	Part Number	Finish
Black Rod 3.94" (100mm)	100	3000	90	3381	1573	40	114°	03.8142	<div> <div>14A90 =</div> <div>Black Exterior</div> <div>Gold Interior</div> </div> A90: On Board Dimmer
Black Rod 15.75" (400mm)	400	3000	90	3381	1573	40	114°	03.8143	
White Rod 3.94" (100mm)	100	3000	90	3381	1618	40	113°	03.8142	<div> <div>40A90 =</div> <div>White Exterior</div> <div>White Interior</div> </div> A90: On Board Dimmer
White Rod 15.75" (400mm)	400	3000	90	3381	1618	40	113°	03.8143	








Infra-Structure Non Dimmable

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

Suspension Glass Downlight 110 How to Specify ex. 03.8130.00.IV / ex. 03.8130.00.DA



Rod Finish	Length	CCT	CRI	Initial Lumen	Delivered Lumen	Watts	Beam Spread*	Part Number	Finish
 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
 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
 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
 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 Non 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

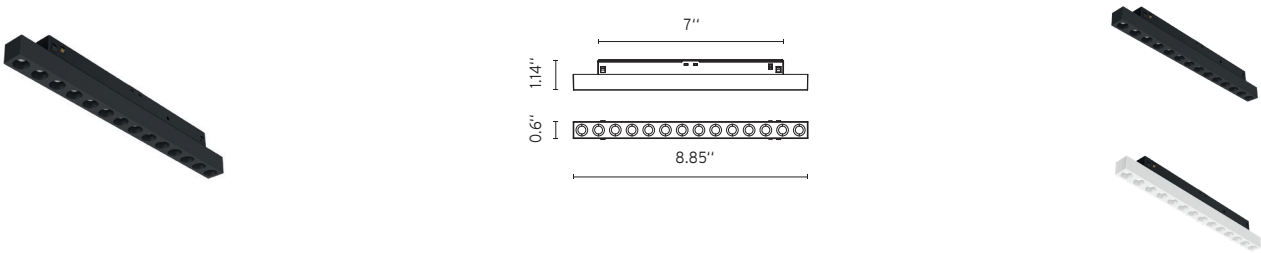
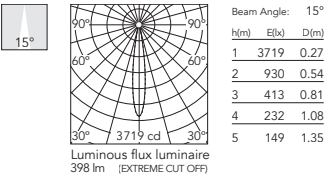


Table with 9 columns: CCT, CRI, Initial Lumens, Delivered Lumens, Watts, Beam Spread, Part Number, Finish, Dimming Protocol. It lists specifications for 2700K and 3000K color temperatures across different beam spreads (15°, 20°, 32°) and finishes (White, Black).

Photometric

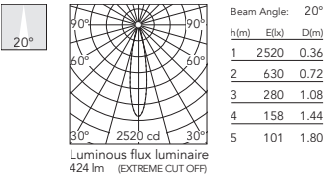
Spot 15°

2700 K



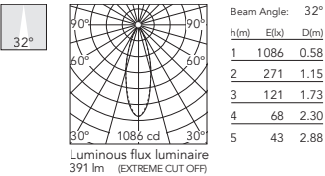
Medium 20°

2700 K

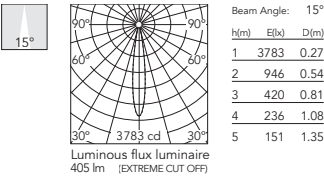


Flood 32°

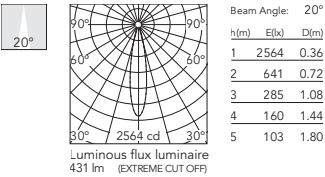
2700 K



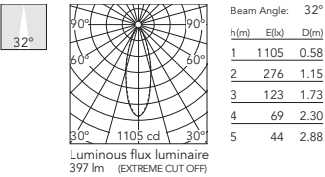
3000 K



3000 K



3000 K



Infra-Structure Non 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