



Diversion Suspension

High-tech LED lighting system designed by Piero Lissoni

Description

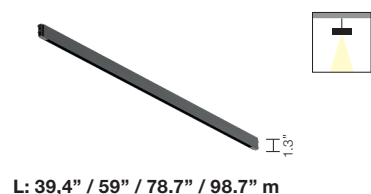
Flexible and versatile design creates geometric ribbon-like lines of pure light blending with the architecture, designed by Piero Lissoni. The hub-based mounting system allows designers to create infinite number of linear, angular or geometric combinations. The mounting and feed hub is designed to support to eight profiles for 360° orientations for semi-surface and suspended application.

Lamp





System Lamp Type	LED
Color Temperatures	2700K, 3000K, 4000K, 5000K
Color Rendering	CRI90
Application	Accent lighting



Suspension Light Modules



Physical

Material	Aluminum
Ingress Protection Rating	IP20
Finishes:	 .14 = Black  .40 = White  .1A= Grey  .CZ = Bronze

Spot Light Modules



Installation type	Suspended
Environment	Indoor
Field cuttable	No

Certifications



Photometrics

For current IES files please visit arch.flosusa.com

Warranty

2 years from date of sale.

Electrical & Control

Driver location	Remote
Driver Input Voltage	120V-277V
Driver Output Voltage	24V
Maximum Driver Wattage	96W
Control	0-10V On Driver



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Notes

Fixed location allows for the installation of 1 or 2 Spots (ordered separately).

The profile is supporter by a hub-based connector that is both electrical and mechanical in design

Light Modules are the same for suspension and surface installation. The installation accessories mark the type of installation: Surface or Suspension

All light modules are controlled in broadcast.

On the Up&Down Profile uplight can be manually adjust at 50% lumen output. on board switch

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

Suspension Light Modules



L: 39,4" / 59" / 78.7" / 98.7" m



Spot Light Modules



Certifications



Photometrics

For current IES files please visit
arch.flosusa.com

Warranty

2 years from date of sale.

How to install

A. Select and position light profiles

4 different profile types:

- Down
- Up&Down
- Down with gap for Spot (not included)
- Up&Down with gap for Spot (not included)

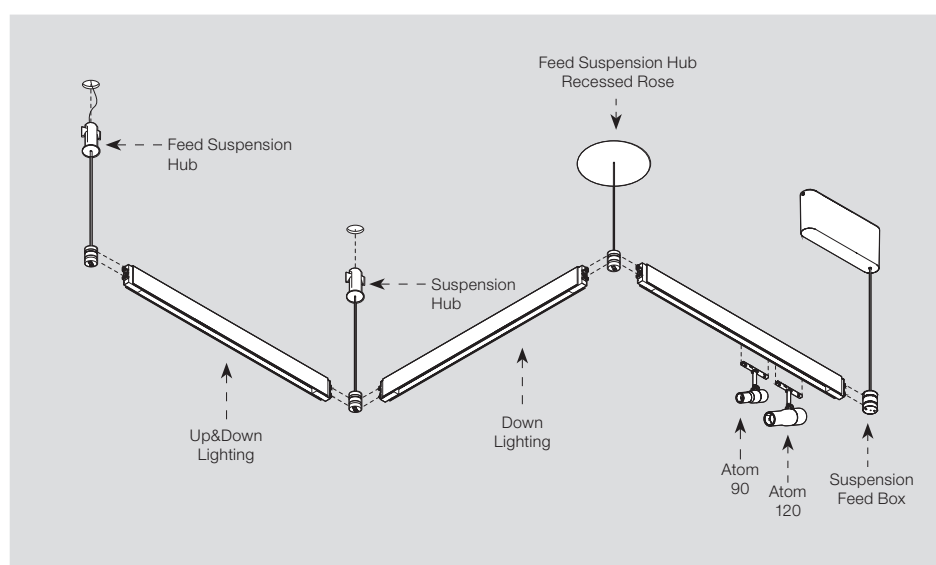
C. Drivers

Quantity of drivers determined by total wattage or light elements in section. Recommended remote driver distance is 15' from feed.

D. Select Spot heads

If designed includes Light profiles with Spots, select the Spot options: Atom 90, Atom 120. Each profile can accommodate a maximum of 2 spot head on a gap

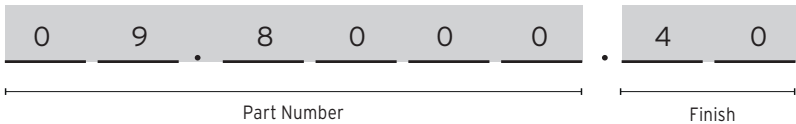
B. Connect light profiles to suspended mechanical and electrical hubs



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How to Specify



Down Profile

Electro-mechanical profile for indoor application with integrated direct linear light element.

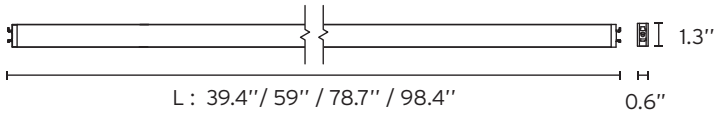
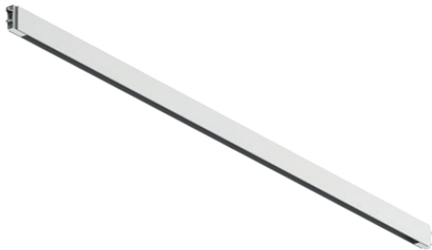


Table with 8 columns: Length, CCT, CRI, Watts, Initial Lumens/ft, Delivered Lumens, Part Number, and Finish. It lists specifications for example part number 09.8000.40 across four lengths (39.4\", 59\", 78.7\", 98.4\").

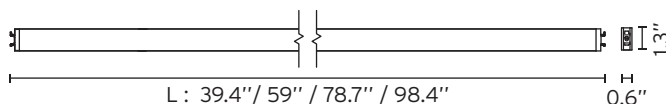
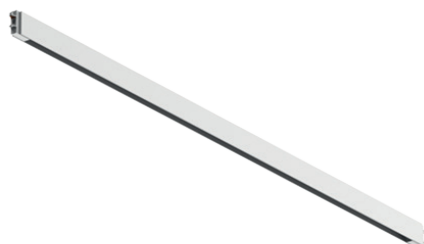
Table with 8 columns: Length, CCT, CRI, Watts, Initial Lumens, Initial Lumens, Part Number, and Finish. It lists specifications for example part number 09.8001.40 across four lengths (39.4\", 59\", 78.7\", 98.4\").

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Up & Down Profile

Electro-mechanical profile for indoor application with integrated direct and indirect linear light element.



How to Specify

ex. 09.8010.40

Length	CCT	CRI	Watts	Initial Lumens UP	Initial Lumens DOWN	Delivered Lumens	Part Number	Finish
39.4" (1m)	2700	90	20.5	744	1540	1244	09.8010	<div>40 = White</div> <div>1A = Grey</div> <div>14 = Black</div> <div>CZ = Bronze</div>
59" (1.5m)	2700	90	32	1116	2310	1867	09.8012	
78.7" (2m)	2700	90	43	1488	3080	2489	09.8014	
98.4" (2.5m)	2700	90	54.5	1860	3850	3111	09.8016	

How to Specify

ex. 09.8011.40

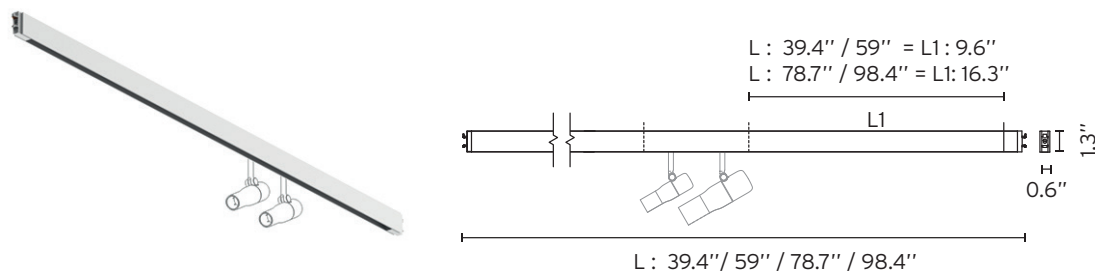
Length	CCT	CRI	Watts	Initial Lumens UP	Initial Lumens DOWN	Delivered Lumens	Part Number	Finish
39.4" (1m)	3000	90	20.5	744	1540	1244	09.8011	<div>40 = White</div> <div>1A = Grey</div> <div>14 = Black</div> <div>CZ = Bronze</div>
59" (1.5m)	3000	90	32	1116	2310	1867	09.8013	
78.7" (2m)	3000	90	43	1488	3080	2489	09.8015	
98.4" (2.5m)	3000	90	54.5	1860	3850	3111	09.8017	

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Down Profile + Spots

Electro-mechanical profile for indoor application with integrated direct linear light element and space for up to 2 Spots.



* Max. 2 spots not included

How to Specify ex. 09.8030.40

Length	CCT	CRI	Watts	Initial Lumens	Delivered Lumens	Spots Gap from extreme	Part Number	Finish
39.4" (1m)	2700	90	11	1255	301	9.6"	09.8020	<div>40 = White</div> <div>1A = Grey</div> <div>14 = Black</div> <div>CZ = Bronze</div>
59" (1.5m)	2700	90	18	2097	503	9.6"	09.8022	
78.7" (2m)	2700	90	25	2939	706	16.3"	09.8024	
98.4" (2.5m)	2700	90	32	3781	908	16.3"	09.8026	

How to Specify ex. 09.8031.40

Length	CCT	CRI	Watts	Initial Lumens	Delivered Lumens	Spots Gap from extreme	Part Number	Finish
39.4" (1m)	3000	90	11	1255	301	9.6"	09.8021	<div>40 = White</div> <div>1A = Grey</div> <div>14 = Black</div> <div>CZ = Bronze</div>
59" (1.5m)	3000	90	18	2097	503	9.6"	09.8023	
78.7" (2m)	3000	90	25	2939	706	16.3"	09.8025	
98.4" (2.5m)	3000	90	32	3781	908	16.3"	09.8027	

Luminaries

Atom 90



40 = White

1A = Grey

14 = Black

CZ = Bronze

Atom 120



40 = White

1A = Grey

14 = Black

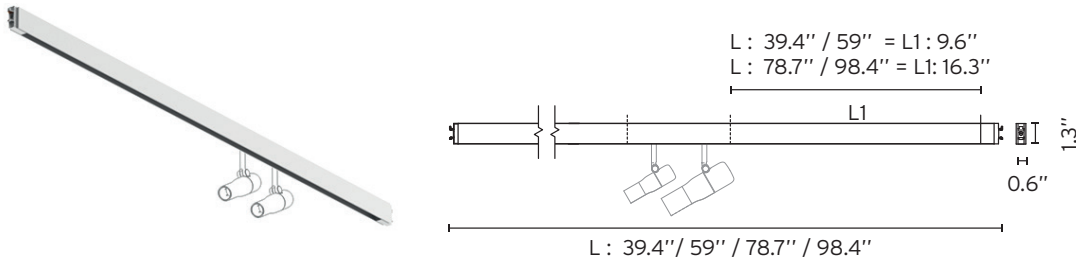
CZ = Bronze

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Up & Down Profile + Spots

Electro-mechanical profile for indoor application with integrated direct linear light element and space for up to 2 Spots.



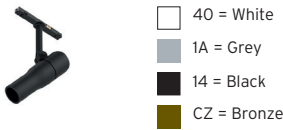
* Max. 2 spots not included

Table with 9 columns: Length, CCT, CRI, Watts, Initial Lumens, Delivered Lumens, Spots Gap from extreme, Part Number, Finish. It lists specifications for example 09.8030.40 with lengths from 39.4" to 98.4".

Table with 9 columns: Length, CCT, CRI, Watts, Initial Lumens, Delivered Lumens, Spots Gap from extreme, Part Number, Finish. It lists specifications for example 09.8031.40 with lengths from 39.4" to 98.4".

Luminaries

Atom 90



Atom 120



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Atom 90

LED accent lighting module for Diversion. Fully adjustable from 0-90° tilt, and 360° rotation. Spots dim together with adjacent linear element. Honeycomb louver and cross baffle come standard.



How to Specify ex. 09.3831.40.90									
CCT	CRI	Initial Lumens	Delivered Lumens	Watts	Beam Spread	Part Number	Finish	Photometric	
2700	90	450	224	5.5W	14°	09.3831	40A = White 1AA = Grey 14A = Black CZA = Bronze		Beam Angle: 14° h(m) E(lx) D(m) 1 2558 0.25 2 640 0.51 3 284 0.76 4 160 1.02 5 102 1.27 Luminous flux luminaire 224 lm
3000	90	485	247	5.5W	14°	09.3830	40A = White 1AA = Grey 14A = Black CZA = Bronze		Beam Angle: 14° h(m) E(lx) D(m) 1 2832 0.25 2 708 0.51 3 315 0.76 4 177 1.02 5 113 1.27 Luminous flux luminaire 247 lm
2700	90	450	217	5.5W	21°	09.3833	40A = White 1AA = Grey 14A = Black CZA = Bronze		Beam Angle: 21° h(m) E(lx) D(m) 1 1362 0.37 2 341 0.73 3 151 1.10 4 85 1.47 5 54 1.84 Luminous flux luminaire 217 lm
3000	90	485	240	5.5W	21°	09.3832	40A = White 1AA = Grey 14A = Black CZA = Bronze		Beam Angle: 21° h(m) E(lx) D(m) 1 1508 0.37 2 377 0.73 3 168 1.10 4 94 1.47 5 60 1.84 Luminous flux luminaire 240 lm

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Atom 120

LED accent lighting module for Diversion. Fully adjustable from 0-90° tilt, and 360° rotation. Spots dim together with adjacent linear element. Honeycomb louver and cross baffle come standard.

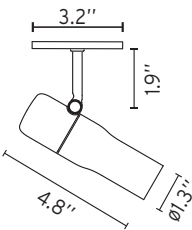

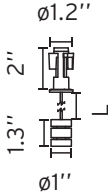

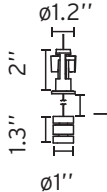

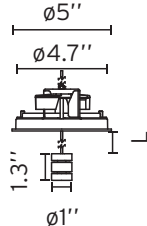

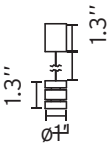
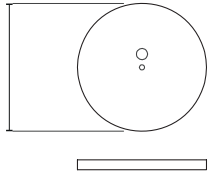
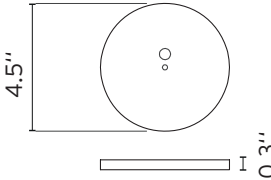


Table with 9 columns: CCT, CRI, Initial Lumens, Delivered Lumens, Watts, Beam Spread, Part Number, Finish, and Photometric. It contains 4 rows of specifications for different beam angles (14° and 20°) and color temperatures (2700K and 3000K).

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Suspension Mounting Accessories (required)

<p>Suspension feed hub, without canopy, direct anchor 4m - 13ft feed wire (Driver not included)</p> <p>Part Number:</p> <div><div></div> 06.5300.40</div> <div><div></div> 06.5300.1A</div> <div><div></div> 06.5300.14</div> <div><div></div> 06.5300.CZ</div> <div></div> <div></div> <p>Note : Maximum Ceiling thickness 1.18"</p>	<p>Suspension joint. 0.6mm a/c cable, adjustable up to 13.1' (4000mm)</p> <p>Part Number:</p> <div><div></div> 06.5301.40</div> <div><div></div> 06.5301.1A</div> <div><div></div> 06.5301.14</div> <div><div></div> 06.5301.CZ</div> <div></div> <div></div> <p>Note : Maximum Ceiling thickness 1.18"</p>	<p>Semi Recessed Surface power hub, (Driver not included)</p> <p>Part Number:</p> <div><div></div> 06.5302.40</div> <div><div></div> 06.5302.1A</div> <div><div></div> 06.5302.14</div> <div><div></div> 06.5302.CZ</div> <div></div> <div></div> <p>Note : Maximum Ceiling thickness 1.8"</p>
<p>Feed suspension hub. 24V. Power cable: adjustable up to 13.1' (4000mm)</p> <p>Part Number:</p> <div><div></div> 06.5303.40</div> <div><div></div> 06.5303.1A</div> <div><div></div> 06.5303.14</div> <div><div></div> 06.5303.CZ</div> <div></div> <div></div> <p>Note : Maximum Ceiling thickness 1.18"</p>	<p>Suspension hub. 0.6mm a/c cable, adjustable up to 13.1' (4000mm)</p> <p>Part Number:</p> <div><div></div> RM - C - B (Black)</div> <div><div></div> RM - C - W (White)</div> <div></div> <div></div>	

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Conexion between profile and hub

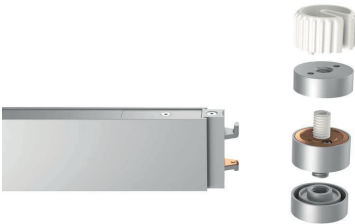
STEP 1



STEP 2



STEP 3



STEP 4



STEP 5



STEP 6



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Required Remote Drivers

LED power supply source for remote installation, 24V/96W, 120-277V, Dimming 0-10V

Part Number:
LEDSB96W24V-VAR-Y01



Length: 8.6"
Width: 3.7"
Height: 1.5"

LED power supply source for remote installation, 24V/60W, 120-277V, Dimming 0-10V

Part Number:
LEDSB60W24V-VAR-Y01



Length: 8.6"
Width: 3.7"
Height: 1.5"