



formalighting

**High Performance
Curved Microline
Series**

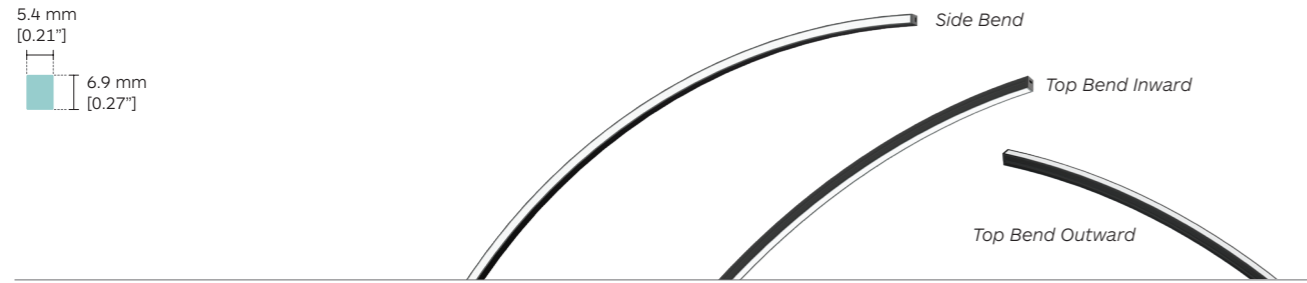
2026

Curved Microline Series

High Performance Curved Microline Series

Microline 7 x 5 Dotless - G496

p.10



Flawless Spot - G402

p.14



Flawless - G403

p.18



Flawless 10.5 x 10.5 Corner Spot - G474

p.22



Flawless 10.5 x 10.5 Corner - G479

p.26

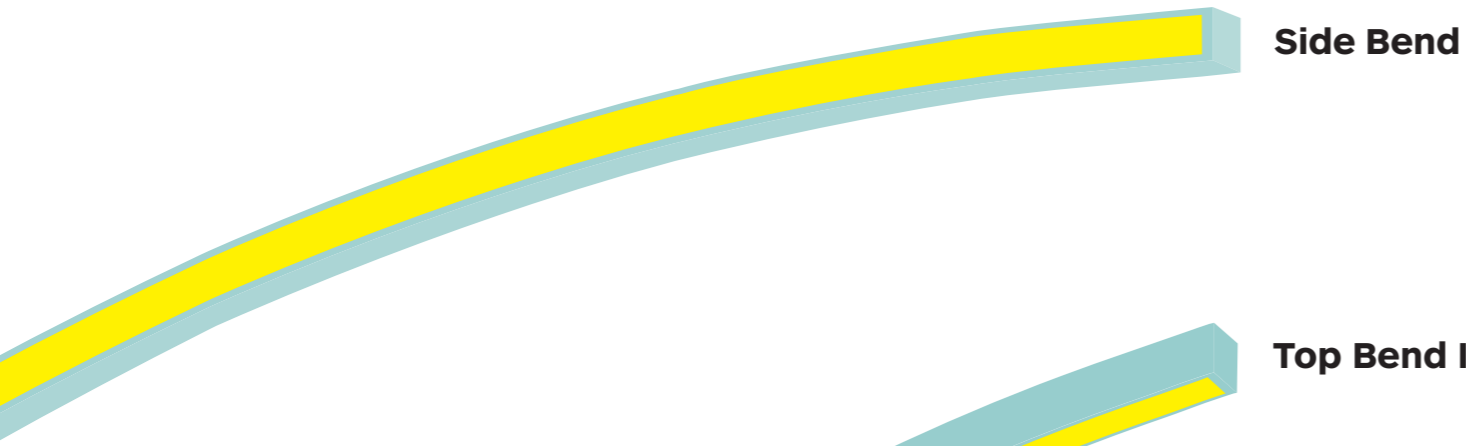


Microline 14 x 14 Corner Dotless - G459

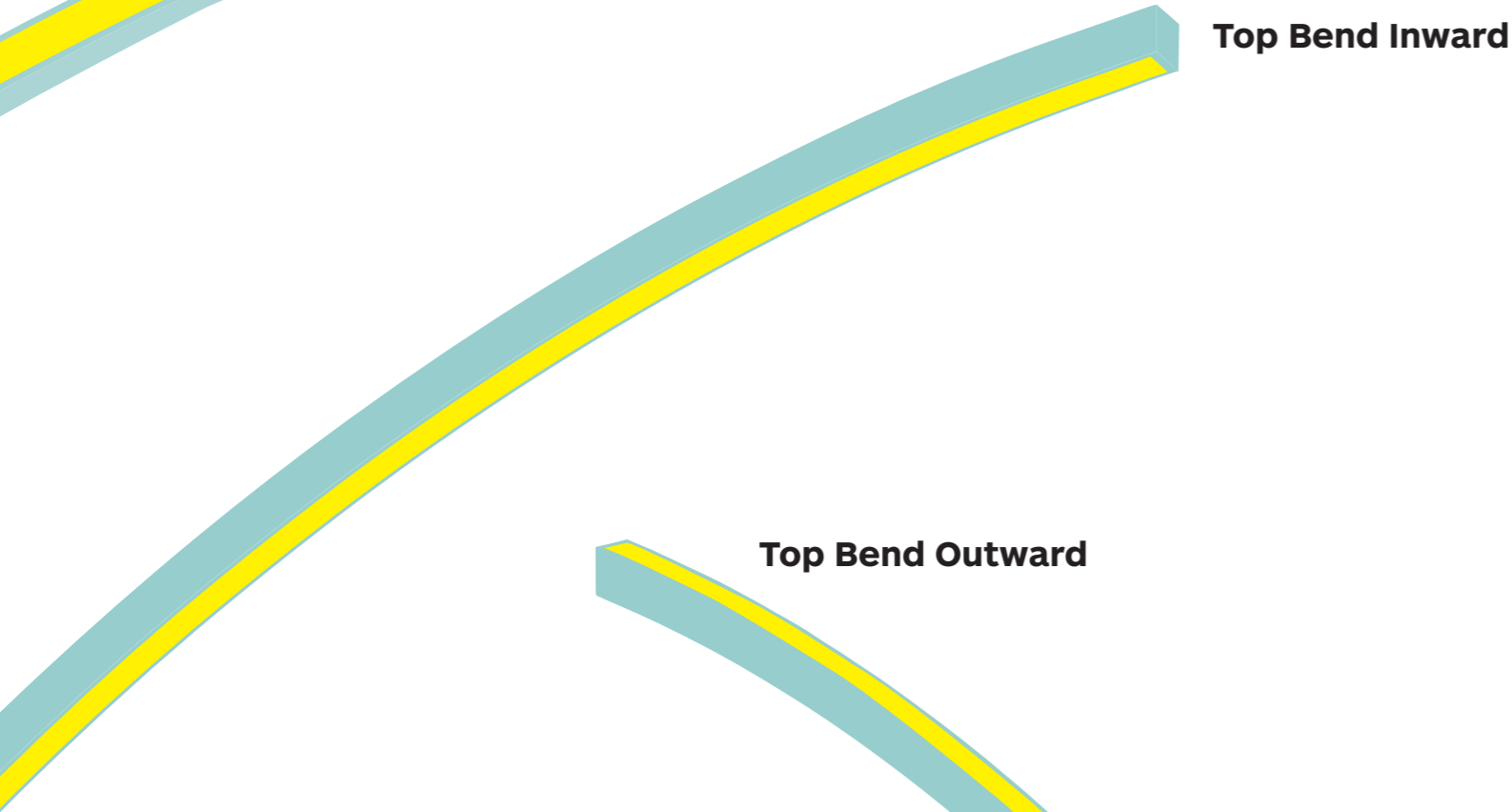
p.30



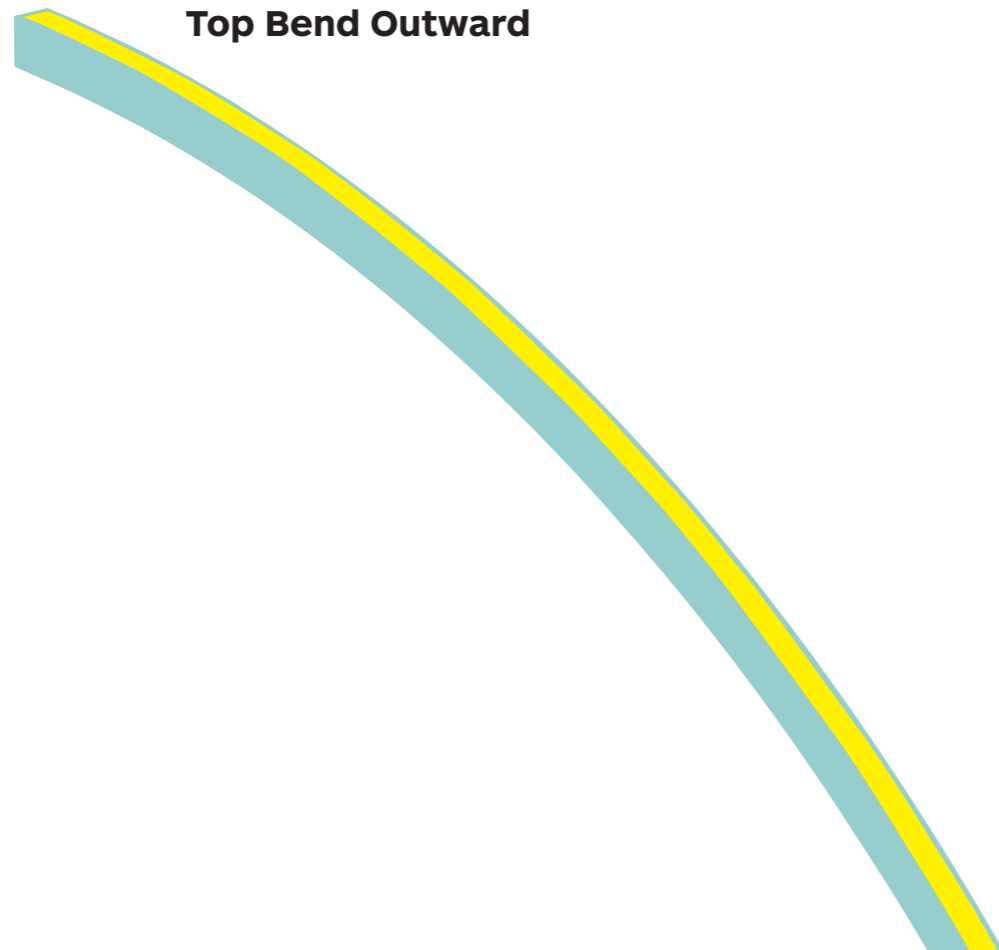
Bend Types



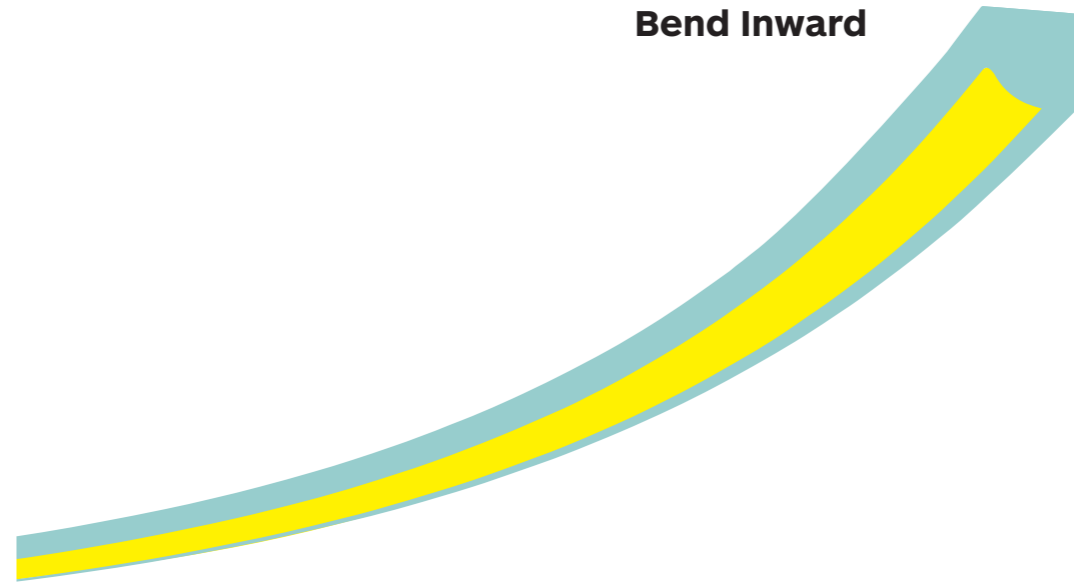
Side Bend



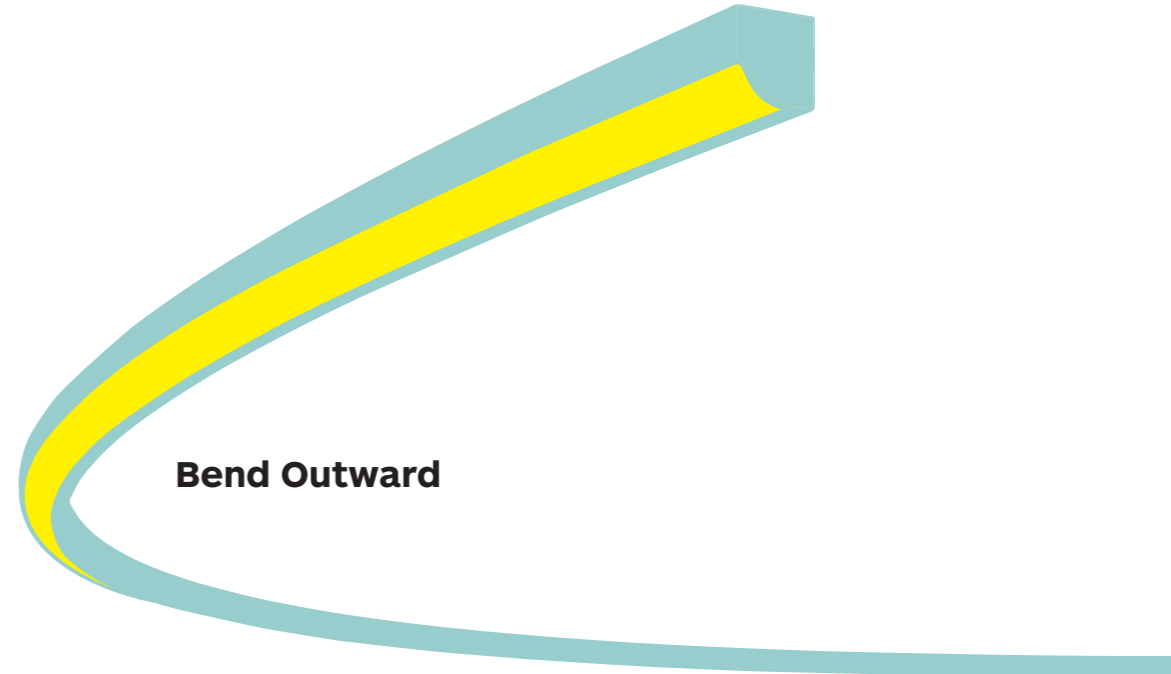
Top Bend Inward



Top Bend Outward



Bend Inward

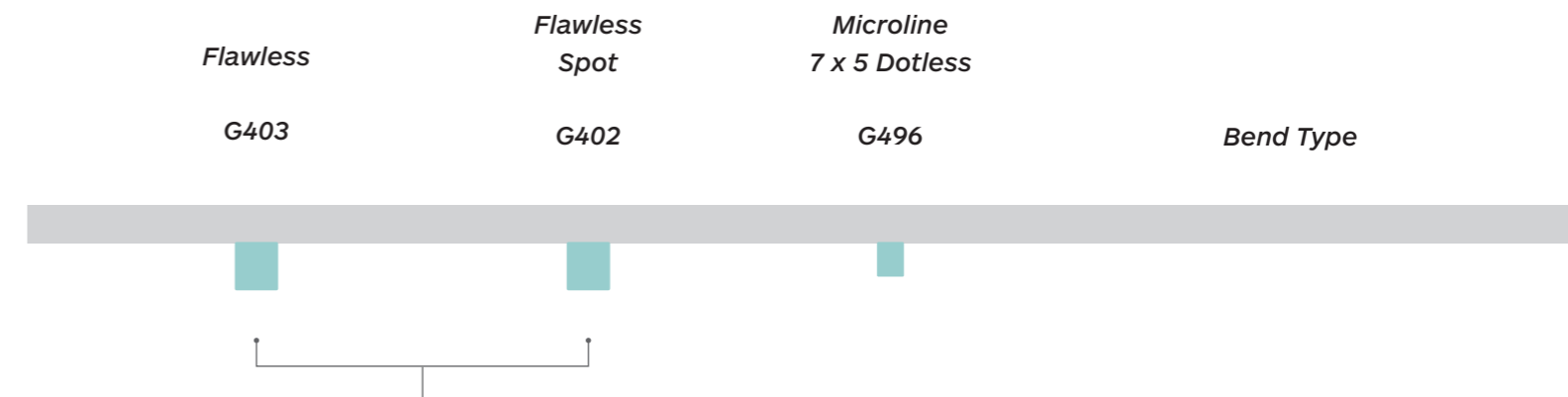
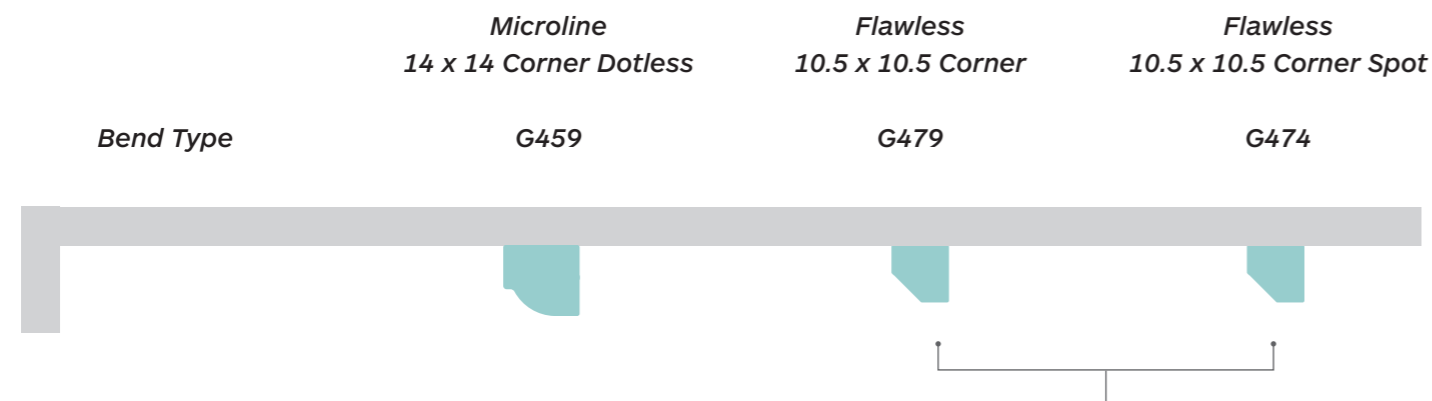
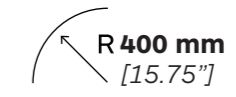
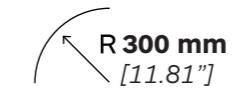


Bend Outward

Radius Compatibility

The Microline Curved system is fully customizable, with curve angles determined by project requirements. Conforming to the minimum bending radius of the specified model, the linear profile can be formed into precise arcs, continuous curves, or full circles, providing an exact match to the design geometry.

Min. Radius Availability:



Bend Inward



Side Bend

Bend Outward



Top Bend Inward



Top Bend Outward

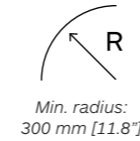
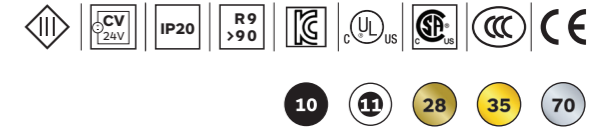
Microline 7 x 5 Dotless

G496 | 14W/m

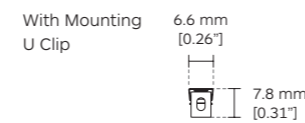


Microline 7 x 5 Dotless

14W/m

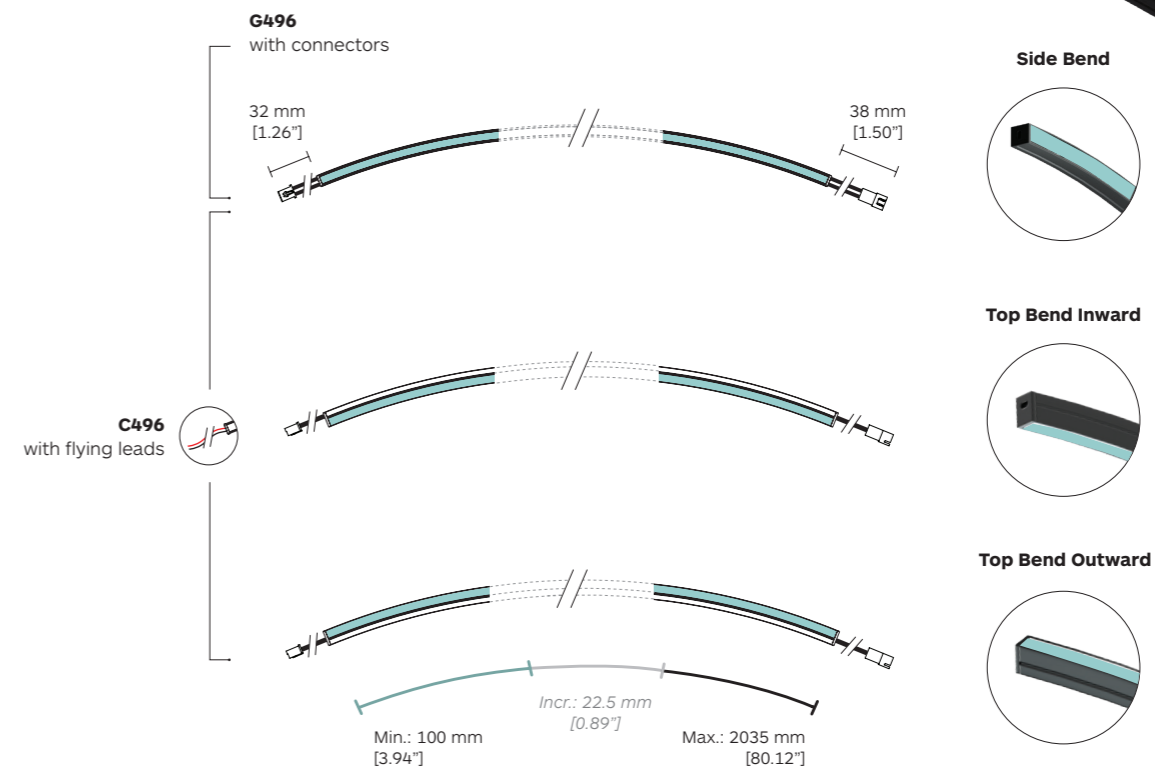


Mounting Option:



Top Bend Outward

Side Bend



The Microline 7 x 5 Dotless is available in 100mm increments up to a maximum length of 2035 mm. It features a side bend, as well as inward and outward top bends with a minimum radius of 300mm.

This flexibility allows it to conform to curved surfaces, delivering uninterrupted light distribution across the showcase.

CRI > 95
High Rendering

Product Code	Length Code	CCT Options ¹	LED Power ²	Nominal Lumen	Diffuser Code	Light Source Code		
Microline 7 x 5 Dotless	G496	Min. 0100	27	2700K	14W/m	1232 lm/m	RD	3R
	C496	⋮	30	3000K		1276 lm/m		
		Max. 2035	35	3500K		1320 lm/m		
			40	4000K		1276 lm/m		

¹ Other CCT options available on request. ² Other Power options available on request.

RD = Opal rigid diffuser.

Recommended Driver: Driver to be ordered separately. Work with 24VDC Constant Voltage LED Driver positioned remotely. Please see pages 34-37 for further information.

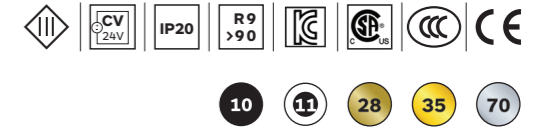
Flawless Spot

G402 | 16W/m



Flawless Spot

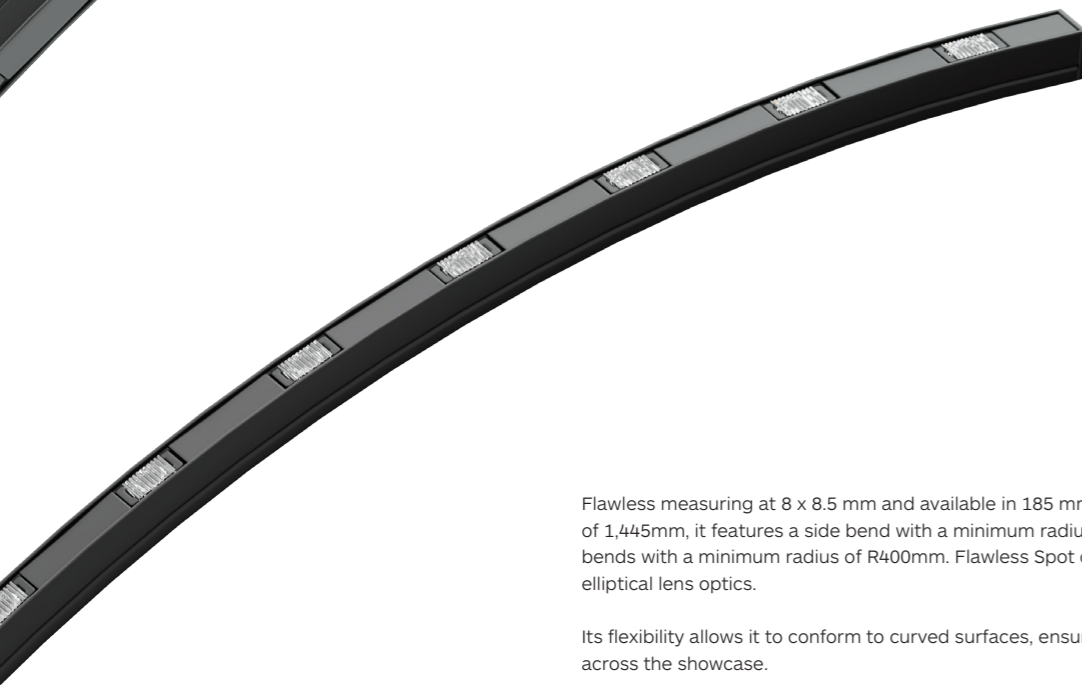
16W/m



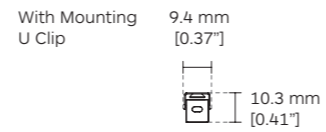
Top Bend Inward



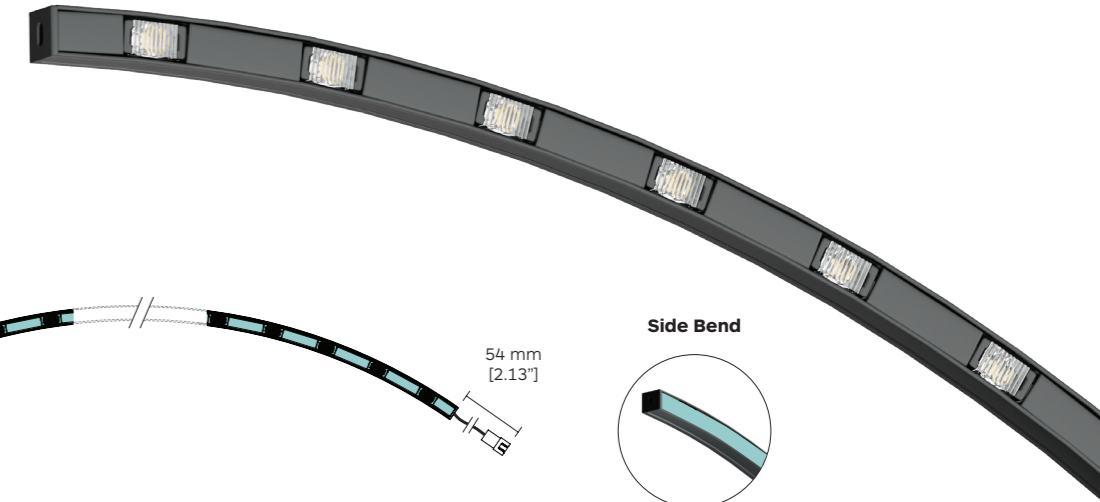
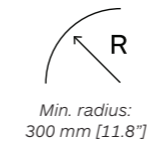
Top Bend Outward



Mounting Option:



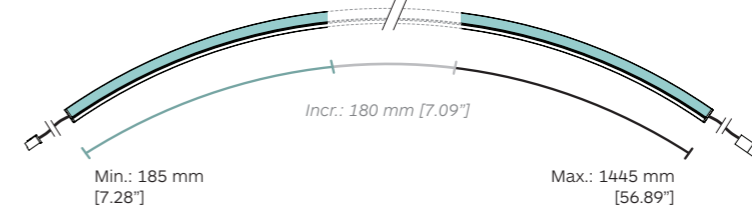
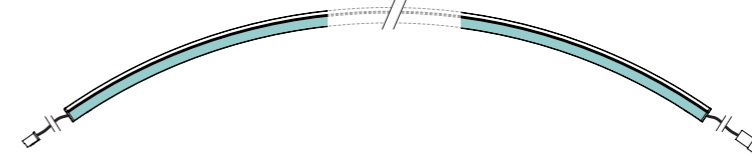
Side Bend



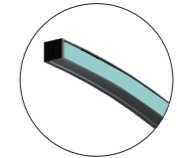
G402 with connectors



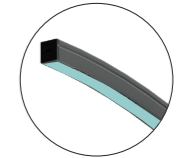
C402 with flying leads



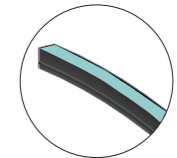
Side Bend



Top Bend Inward



Top Bend Outward



Flawless measuring at 8 x 8.5 mm and available in 185 mm increments with a maximum length of 1,445mm, it features a side bend with a minimum radius of R300mm, inward and outward top bends with a minimum radius of R400mm. Flawless Spot offers multiple angles, 28°, 42°, and elliptical lens optics.

Its flexibility allows it to conform to curved surfaces, ensuring uninterrupted light distribution across the showcase.

CRI > 97
High Rendering

Product Code	Length Code	CCT Options ¹	LED Power ²	Nominal Lumen	Beam Angle (BA°)	Light Source Code
Flawless Spot	G402	Min. 0185	27 2700K	16W/m	28° / 42° / EL	00
	C402	⋮	30 3000K	1440 lm/m		
			35 3500K	1548 lm/m		
			40 4000K	1548 lm/m		
	Max. 1445					

¹ Other CCT options available on request. ² Other Power options available on request.

EL = Elliptical Beam (28° x 45°).

Recommended Driver: Driver to be ordered separately. Work with 24VDC Constant Voltage LED Driver positioned remotely. Please see pages 34-37 for further information.

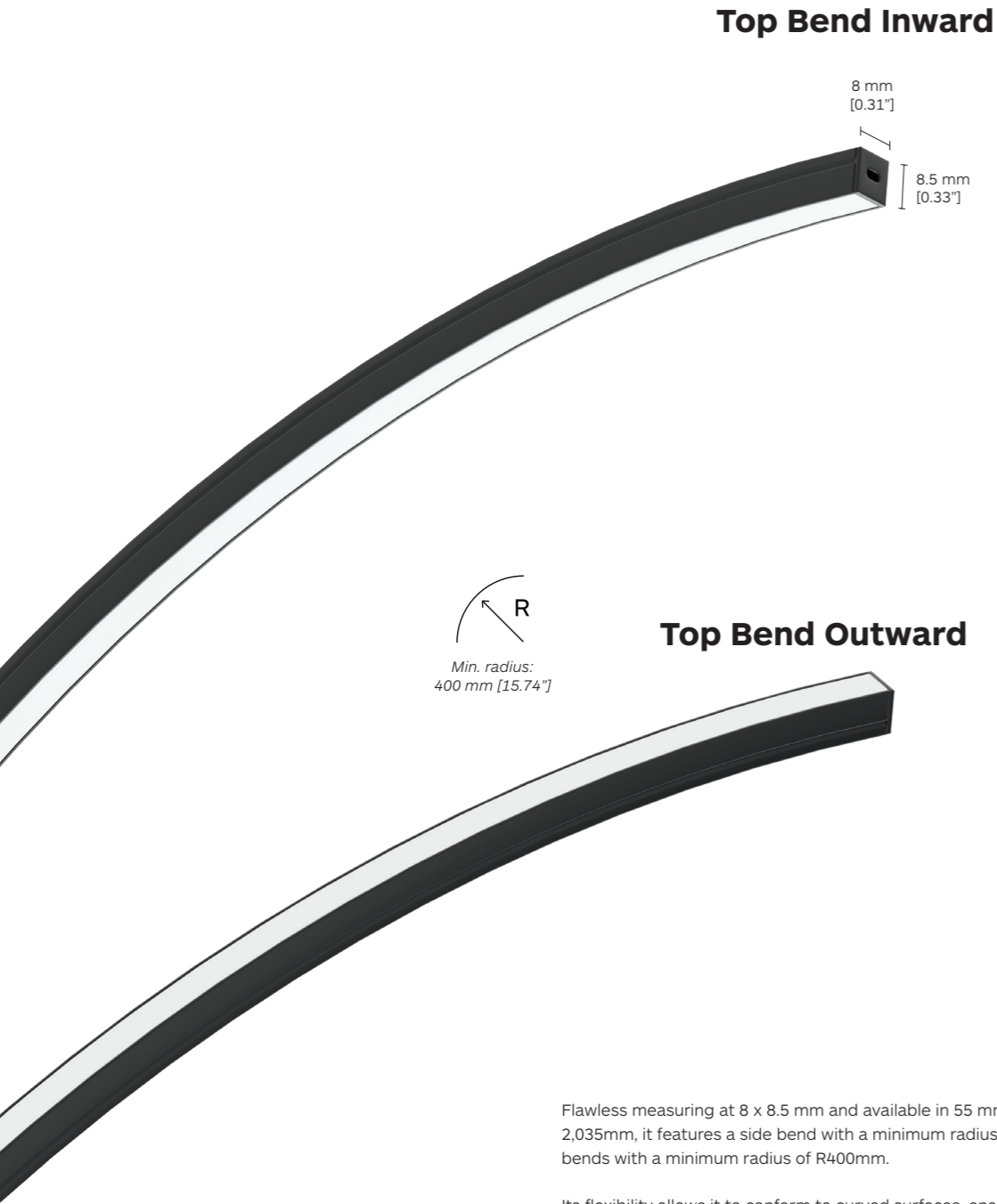
Flawless

G403 | 16W/m

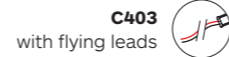
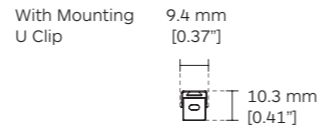


Flawless

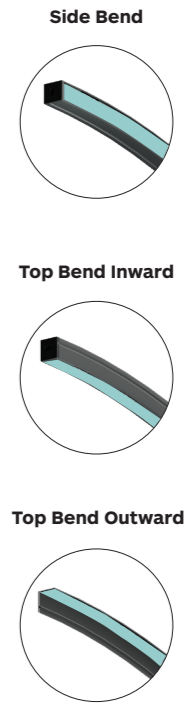
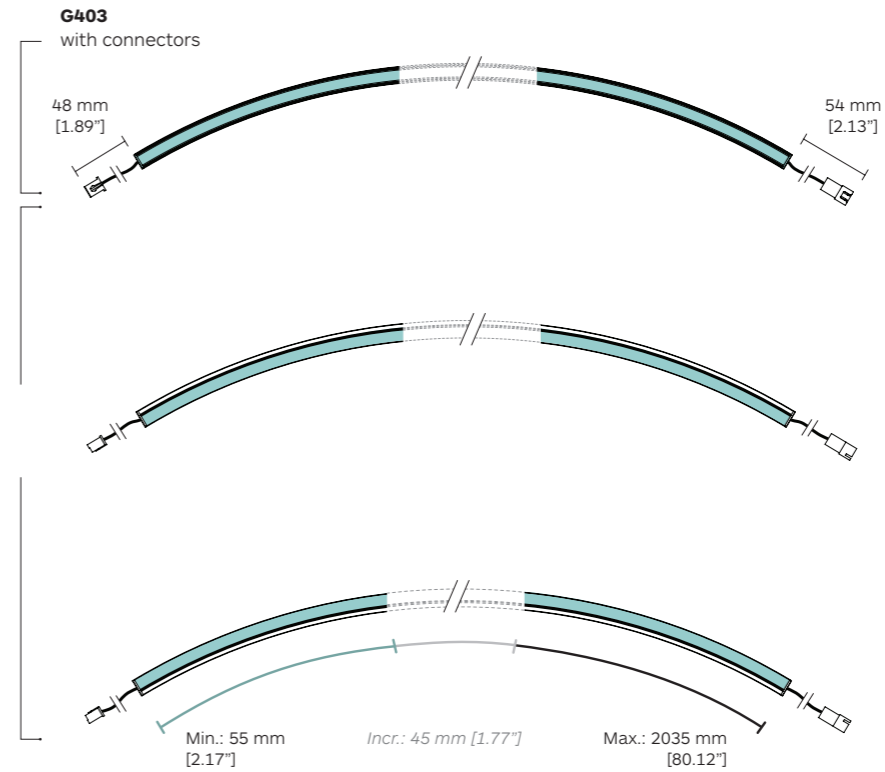
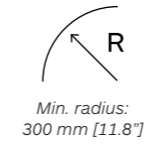
16W/m



Mounting Option:



Side Bend



Flawless measuring at 8 x 8.5 mm and available in 55 mm increments with a maximum length of 2,035mm, it features a side bend with a minimum radius of R300mm, inward and outward top bends with a minimum radius of R400mm.

Its flexibility allows it to conform to curved surfaces, ensuring uninterrupted light distribution across the showcase.

	Product Code	Length Code	CCT Options ¹	LED Power ²	Nominal Lumen	Beam Angle (BA°)	Light Source Code
CRI > 95 High Rendering	Flawless						
	G403	Min. 0055	27 2700K	16W/m	1386 lm/m	RD	00
	C403	⋮	30 3000K		1562 lm/m		
		Max. 2035	35 3500K		1584 lm/m		
			40 4000K		1584 lm/m		

¹ Other CCT options available on request. ² Other Power options available on request.

RD = Opal rigid diffuser.

Recommended Driver: Driver to be ordered separately. Work with 24VDC Constant Voltage LED Driver positioned remotely. Please see pages 34-37 for further information.

Flawless 10.5 x 10.5 Corner Spot

G474 | 16W/m



Flawless 10.5 x 10.5 Corner Spot

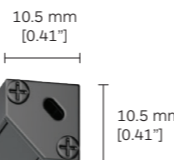
16W/m



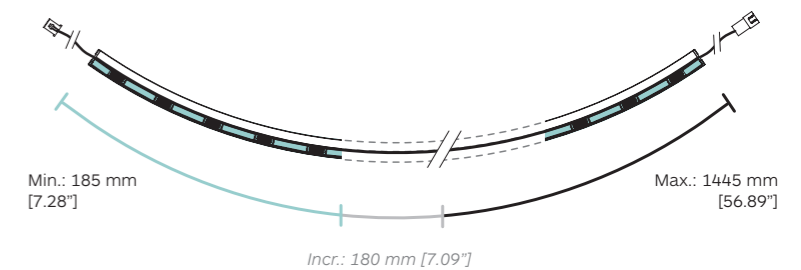
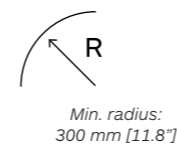
The Flawless 10.5 x 10.5 Corner Spot delivers the same unrivalled performance as the straight version, distinguished by its curved form.

Available in 185mm increments, it offers versatile design options for creating inward or outward curves with a minimum radius of 300mm. With a choice of 28°, 42°, or EL beam angles, it integrates seamlessly into a wide range of environments - from curved walls and bar counters to columns and ceilings.

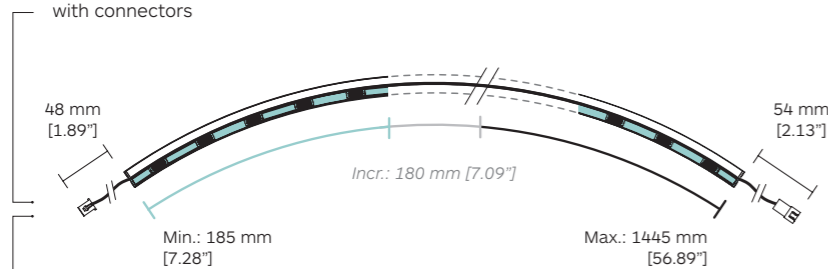
Bend Inward



Bend Outward

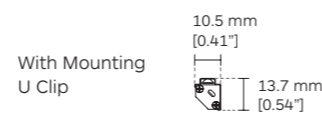


G474 with connectors



C474 with flying leads

Mounting Option:



CRI > 97
High Rendering

Product Code	Length Code	CCT Options ¹	LED Power ²	Nominal Lumen	Beam Angle (BA°)	Light Source Code
Flawless Corner Spot	G474	Min. 0185	27	2700K	28° / 42° / EL	00
	C474	⋮	30	3000K		
		Max. 1445	35	3500K		
			40	4000K		
				1123 lm/m		
				1327 lm/m		
				1360 lm/m		
				1559 lm/m		

¹ Other CCT options available on request.

² Other Power options available on request.

EL = Elliptical Beam (29° x 46°).

Recommended Driver:

Driver to be ordered separately. Work with 24VDC Constant Voltage LED Driver positioned remotely. Please see pages 34-37 for further information.

Flawless 10.5 x 10.5 Corner

G479 | 16W/m



Flawless 10.5 x 10.5 Corner

16W/m



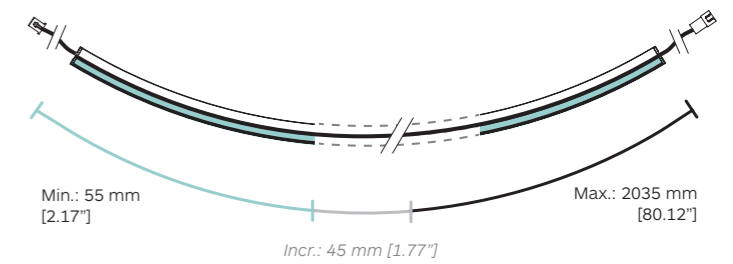
The Flawless 10.5 x 10.5 Corner is available in 55 mm increments with a maximum length of 2,035mm, it offers versatile design options for creating inward or outward curves with a minimum radius of 300mm.

It integrates seamlessly into a wide range of environments - from curved walls and bar counters to columns and ceilings.

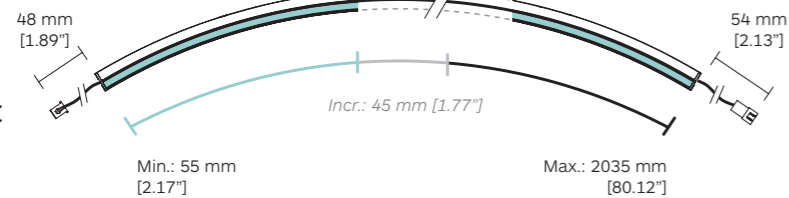
Bend Inward



Bend Outward

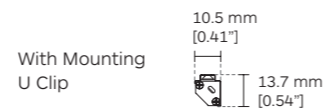


G479
with connectors



C479
with flying leads

Mounting Option:



	Product Code	Length Code	CCT Options ¹	LED Power ²	Nominal Lumen	Beam Angle (BA°)	Light Source Code
CRI > 95 High Rendering	Flawless Corner	Min. 0055	27 2700K	16W/m	1386 lm/m	RD	00
		⋮	30 3000K		1540 lm/m		
		Max. 2035	35 3500K		1562 lm/m		
			40 4000K		1584 lm/m		

¹ Other CCT options available on request.

² Other Power options available on request.

RD = Opal rigid diffuser.

Recommended Driver:

Driver to be ordered separately. Work with 24VDC Constant Voltage LED Driver positioned remotely. Please see pages 34-37 for further information.

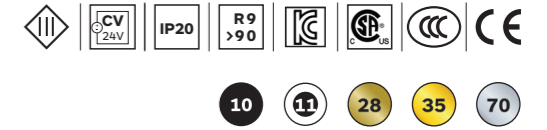
Microline 14 x 14 Corner Dotless

G459 | 20W/m



Microline 14 x 14 Corner Dotless

20W/m

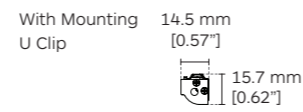


Microline 14 x 14 Corner offers the same unrivalled features and performance as its straight counterpart, but with a curved design.

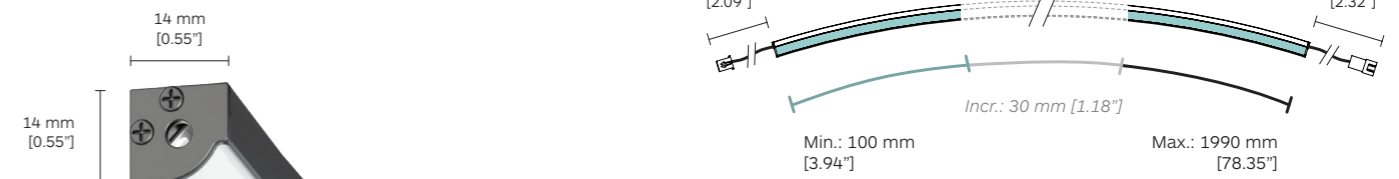
Available in 100 mm increments, it creates a variety of options for creating an inward or outward curve design with a minimum radius of R800mm.

This versatility sees it blend seamlessly into any environment, whether it be a curved wall, bar counter, column, ceiling, or other unique design applications.

Mounting Option:



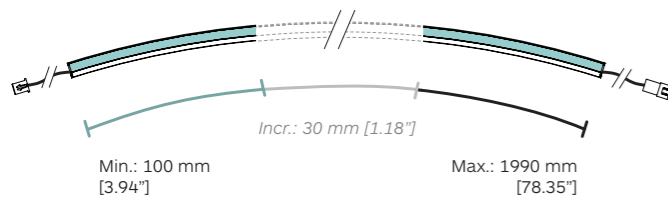
Bend Inward



Bend Outward



G459
with connectors



C459
with flying leads

G459
with connectors



CRI > 97
High Rendering

Product Code	Length Code	CCT Options ¹	LED Power ²	Nominal Lumen	Diffuser Code	Light Source Code
Microline 14 x 14 Corner Dotless	G459	Min. 0100	27 2700K	2090 lm/m	RD	00
	C459	⋮	30 3000K	2322 lm/m		
		Max. 1990	35 3500K	2322 lm/m		
			40 4000K	2355 lm/m		

¹ Other CCT options available on request.

² Other Power options available on request.

RD = Opal rigid diffuser.

Recommended Driver:

Driver to be ordered separately. Work with 24VDC Constant Voltage LED Driver positioned remotely. Please see pages 34-37 for further information.

Driver Options

Driver Options

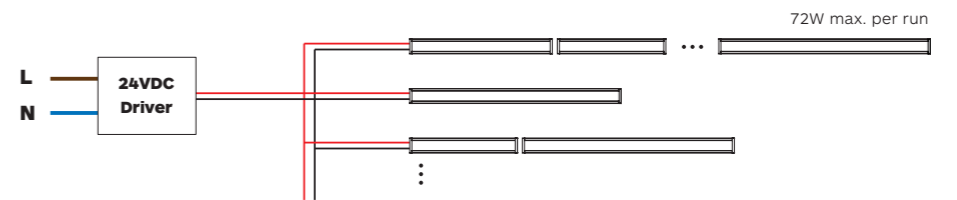
Constant Voltage 24VDC

Basic wiring diagram

Single run



Multi runs

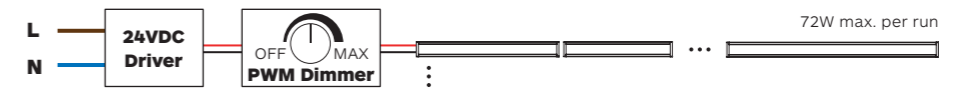


Dimming wiring diagram

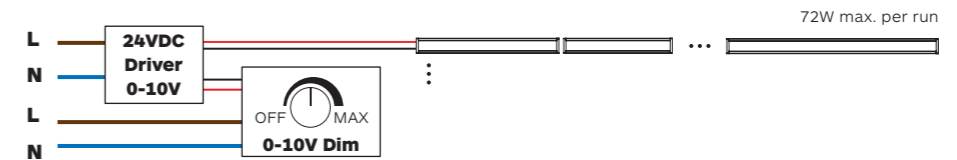
24VDC Driver + CASAMBI dimmer



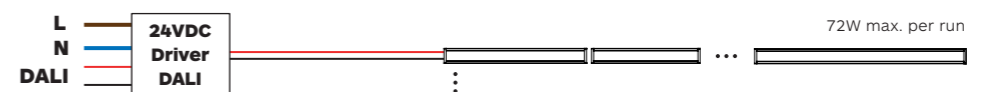
24VDC Driver + PWM dimmer



24VDC 0-10V Driver + 0-10V dimmer



24VDC DALI Driver



Type	Code	Description	Size (L x W x H)	
Driver	2H45	24VDC LED Driver 75W	315mm x 31mm x 21mm	
	2H45D1	24VDC LED Driver 75W 0-10V dim	293mm x 43mm x 30mm	
	2H45DA	24VDC LED Driver 75W DALI dim	293mm x 43mm x 30mm	
	2G97	24VDC LED Driver 100W	293mm x 43mm x 30mm	
	2G98	24VDC LED Driver 150W	352mm x 43mm x 30mm	
	2G99	24VDC LED Driver 240W	400mm x 40mm x 22mm	
	2G99D1	24VDC LED Driver 240W 0-10V dim	380mm x 49.5mm x 30mm	
	2G99DA	24VDC LED Driver 240W DALI dim	380mm x 49.5mm x 30mm	
	Dimmer	2H01	CASAMBI DIMMER PWM2-PRO (1-2 Channels) 5A max.	40mm x 40mm x 18mm
		2H24	CASAMBI DIMMER PWM5-PRO (1-5 Channels) 10A max.	100mm x 47mm x 23mm
2H43		CV PWM DIMMER 30A max.	87mm x 63mm x 39mm	
2H47		0-10V DIMMER 50mA max.	86mm x 86mm x 50mm	

LED driver & dimmer need to be ordered separately. Other driver options available on request.

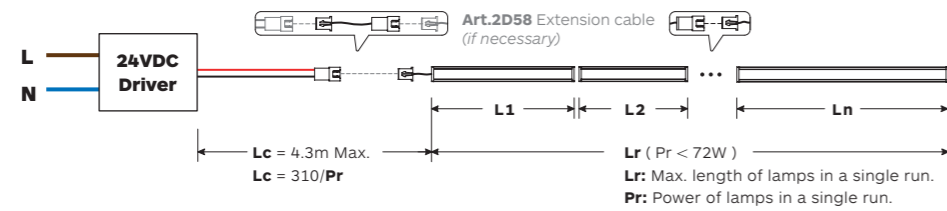
* For complete code ordering information, please see page 41.

Extension cable. 1m (if necessary).

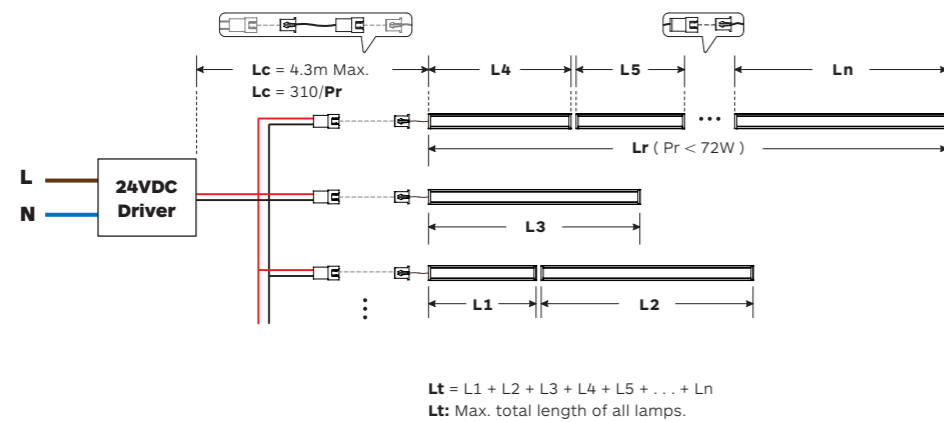
Wiring instruction

Constant Voltage 24VDC Microline Linear Versions

Single run



Multi runs



Unit: m

Power of 24VDC Driver	90% Power for safety	33W/m		31W/m		20W/m		16W/m		14W/m		12W/m		10W/m	
		Lr	Lt	Lr	Lt	Lr	Lt	Lr	Lt	Lr	Lt	Lr	Lt	Lr	Lt
75W Max.	P = 68W	2.06	≈ P/33	2.32	≈ P/31	3.60	≈ P/20	4.50	≈ P/16	5.00	≈ P/16	5.00	≈ P/12	5.00	≈ P/10
100W Max.	P = 90W	2.18	2.73	2.32	2.90	3.60	4.50	4.50	5.63	5.00	6.43	5.00	7.50	5.00	9.00
150W Max.	P = 135W	2.18	4.09	2.32	4.35	3.60	6.75	4.50	8.44	5.00	9.64	5.00	11.25	5.00	13.50
240W Max.	P = 216W	2.18	6.55	2.32	6.97	3.60	10.80	4.50	13.50	5.00	15.43	5.00	18.00	5.00	21.60

LED driver & Plug cable & Extension cable not included, to be ordered separately.

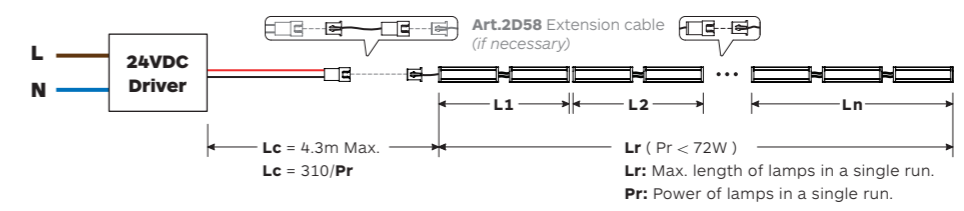
* For complete code ordering information, please see page 41.

Extension cable. 1m (if necessary).

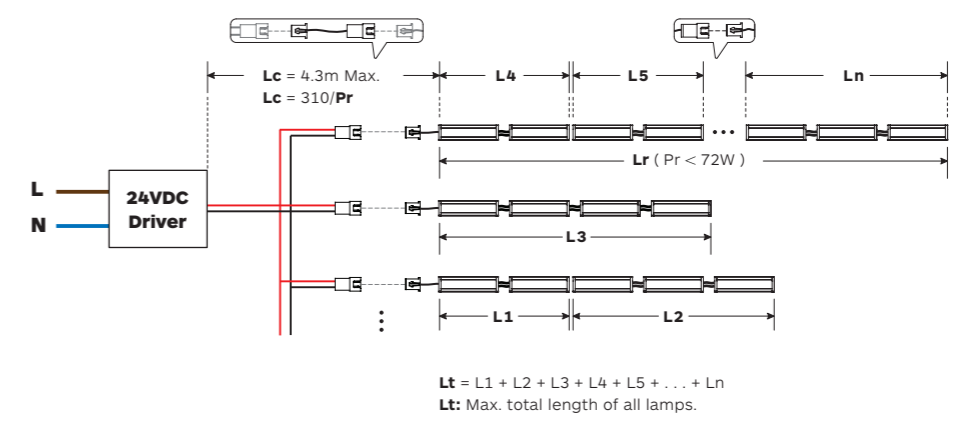
Wiring instruction

Constant Voltage 24VDC Microline Chain Versions

Single run



Multi runs



Unit: m

Power of 24VDC Driver	90% Power for safety	Code of lamps	0.72W/link		0.72W/link		0.96W/link		1.86W/link		1.2W/link	
			Lr	Lt	Lr	Lt	Lr	Lt	Lr	Lt	Lr	Lt
75W Max.	P = 68W		5.00	≈ P/12.3	2.36	≈ P/30.5	4.86	≈ P/14.8	2.87	≈ P/25.1	4.44	≈ P/16.2
100W Max.	P = 90W	G442	5.00	5.53	2.36	2.95	4.86	6.08	2.87	3.59	4.44	5.56
150W Max.	P = 135W	G431	5.00	7.32	GV30 GV90	2.36	4.43	4.86	9.12	G435	2.87	5.38
240W Max.	P = 216W	G491	5.00	10.98		2.36	7.08	4.86	14.59	G440	2.87	8.61
		G494	5.00	17.56					G458	4.44	13.33	

LED driver & Plug cable & Extension cable not included, to be ordered separately.

* For complete code ordering information, please see page 41.

Extension cable. 1m (if necessary).

Symbols & Icons
Code system
Global presence

Symbols & Icons

CLASS III
Luminaires of isolation Class III - designed for operation of protected low voltage supply (>42V).



R9 > 90



Degree of Ingress Protection



24V Constant Voltage LED Driver



Recyclable



Certification Icons

CE Mark - Product complies with CE Standard.



UL Mark - Product complies with USA & Canada Standard.



CSA Mark - Product complies with USA & Canada Standard.



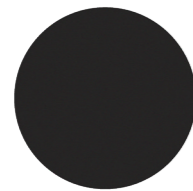
KC Mark - Product complies with Korean Standard.



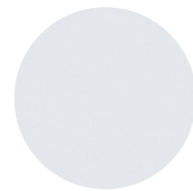
Other third party product approvals
Our products include electrical and electronic components that carry other worldwide Test House approvals such as those shown:



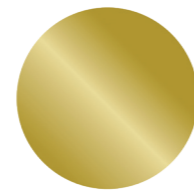
Body Color



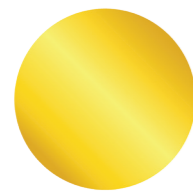
10 Black (RAL 9004)



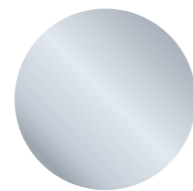
11 White (RAL 9003)



28 Brass Polished



35 Gold



70 Aluminium

LED CRI

95 CRI > 95

97 CRI > 97

CCT-LED Colour temperature

27 Warm White 2700K

30 Warm White 3000K

35 Warm White 3500K

40 Neutral White 4000K

Diffuser Options

RD Opal rigid diffuser

For the details on how to order and specific product information, please contact us at info@formalighting.com

Global presence

Celebrating over 50 years of vision, dedication and innovation, formalighting's versatile and high-quality product offerings extends internationally via our headquarters in Hong Kong, London, Milan and Shanghai.

Our well chosen and selected partners as well as our affiliated international offices broaden our global presence further in markets such as USA, Australia, Japan, South East Asia, India and the Middle East.

Through our commitment to growth and investment within formalighting's professional team, infrastructure and product ranges, we are able to provide increasing service to our global retail and hospitality clients as well as lighting designers and specifiers strengthening our position as a leading international supplier of innovative architectural lighting solutions and systems.

With over 50 years' experience in designing and manufacturing architectural lighting, formalighting's comprehensive portfolio offers a competitive range of European designed and expertly engineered products that carry CB, CE, CCC and UL certifications.

Furthermore formalighting's latest award-winning motorized range of track, pendant, and recessed fixtures, featuring remote-controlled adjustable pan and tilt, dim, dim to warm, tuneable white and beam shaping lens, are available worldwide incorporating the latest, most advanced lighting technologies.

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Publication date: March 2026

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