Beamever

ORLUX SMALL

Designer's Custom Playground

Vertical Bending · Horizontal Bending

Features

- Field-cut anywhere for precise fit and seamless illumination
- IP65 rated, ideal for damp location and sheltered exterior
- 5 years warranty

Date | Fixture type

Project name | Project phase

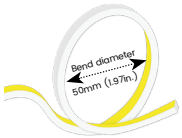
Applications

Under cabinets, niches, shelves, closets, millwork, furnitures, etc.

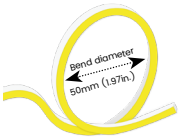




Bending Directions & Diameters

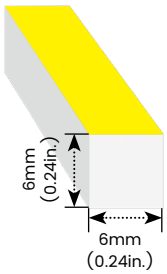


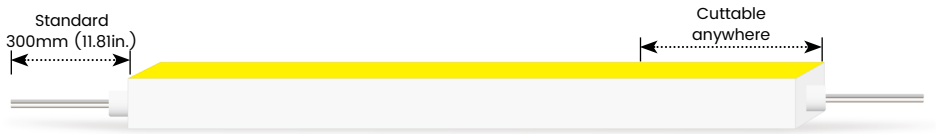
TV - Top View
(Vertical Bending)



SV - Side View
(Horizontal Bending)

Dimensions





Order Code

Model	Environment	Voltage	CCT	Power	End Cap	Left Feed Entry
OTVS **OSVS**	**W5**-Wet (IP65)	**24V**-DC24V	**27K**-2700K **30K**-3000K **35K**-3500K **40K**-4000K **57K**-5700K	**060**-6W/M	**FT** Flush Translucent **FO** Flush Opaque **SEC** Silicone	**F** Front **B** Bottom (SEC only) **S** Side (SEC only) **C** Closed

Assembly Builder

Left Feed Entry
OW Open wire 300mm (11.81in.)
MC Male connector with 200mm (7.87in.) cable
FC Female connector with 200mm (7.87in.)cable
NA Only for Closed Feed Entry

Assembly Builder

Right Feed Entry		Length
F Front	**OW** Open wire 300mm (11.81in.)	**Max. nominal** 5m(16.4ft)
B Bottom (SEC only)	**MC** Male connector with 200mm (7.87in.) cable	
S Side (SEC only)	**FC** Female connector with 200mm (7.87in.)cable	
C Closed	**NA** Only for Closed Feed Entry	

*We will list the nearest actual manufacturing length on the quotation, based on your requested length.

Mounting Order Code

Product Code
Please select on the Mounting Options page

ORLUX SMALL

Vertical Bending · Horizontal Bending

Lumen Output (lm/m)

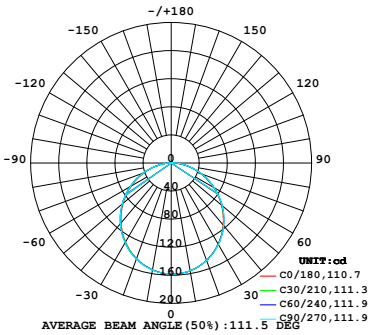
CCT	Vertical Bending	Horizontal Bending
	6W/M	6W/M
2700K	427	300
3000K	457	309
3500K	472	316
4000K	485	324
5700K	461	335
Max. Run Length	5m	5m

Techinical Details

Parameter	Vertical Bending	Horizontal Bending
Efficacy	76.2lm/W @3000K 6W	51.5lm/W @3000K 6W
CRI	Ra≥90	Ra≥90
Beam Angle	110°	110°
LED MacAdam	3 steps	3 steps
Average Life (L80B10)	>47,000 hours	>47,000 hours
Storage Temperature	-40°C~ 55°C	-40°C~ 55°C
Operating Temperature	-40°C~ 55°C	-40°C~ 55°C

Photometry

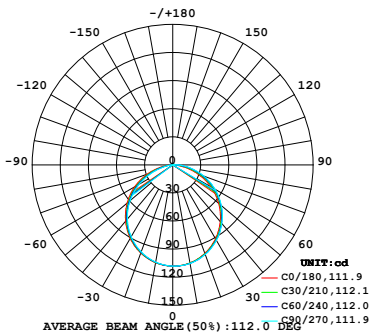
OTVS-W5-24V-30K-060-FT-F-OW-F-OW
ORLUX TV SMALL, Vertical bend, 3000K, 6W/M



Zonal Lumen Summary

Zone	Lumen	% Fixture
0-30	122.1	26.7%
0-40	199.4	43.6%
0-60	351.3	76.9%
0-90	452.8	99.1%
0-180	457.0	100.0%

OSVS-W5-24V-30K-060-FT-F-OW-F-OW
ORLUX SV SMAL, Horizontal bend, 3000K, 6W/M

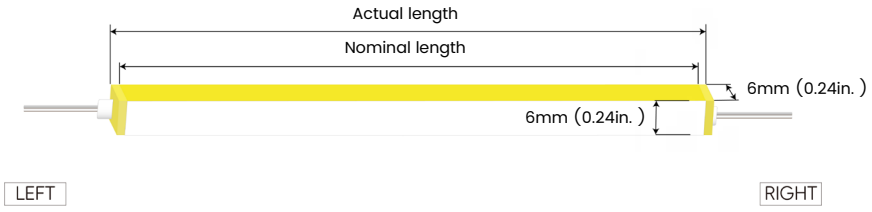


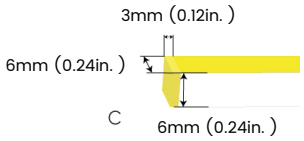
Zonal Lumen Summary

Zone	Lumen	% Fixture
0-30	83.8	27.1%
0-40	137.0	44.4%
0-60	241.8	78.3%
0-90	306.6	99.3%
0-180	308.8	100.0%

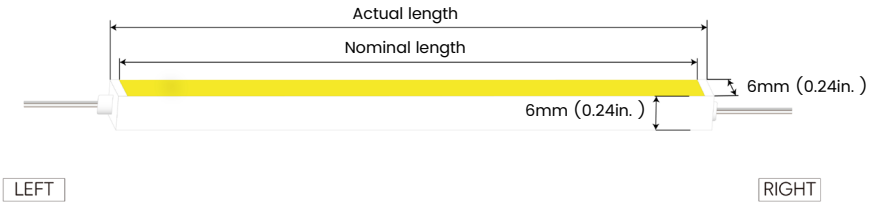
Feed Entry / End Cap Options

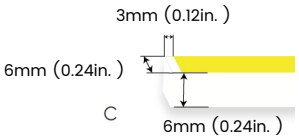
FT: Flush Translucent – IP54, factory-made only



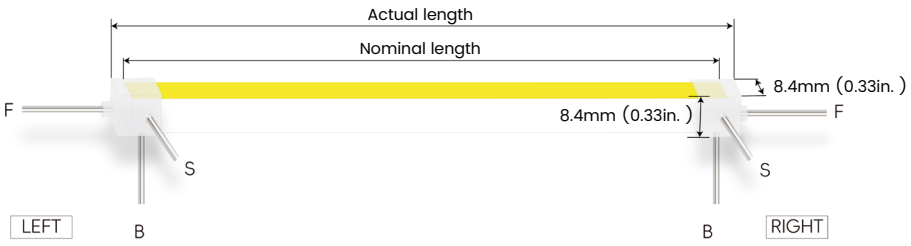


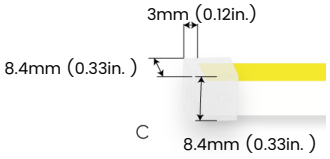
FO: Flush Opaque – IP54, factory-made only





Silicone end cap – IP65, for field cuttable only

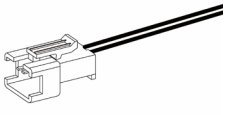




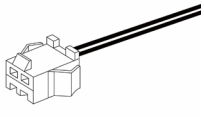
Connector Wire Options



OW: Open wire, **Dry only**
Standard 300mm (11.81in.), 24 AWG,
wire length customizable

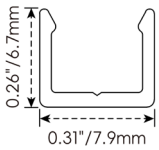


MC: Male connector, **Dry**
Standard 200mm (7.87in.), 24 AWG



FC: Female connector, **Dry**
Standard 200mm (7.87in.), 24 AWG

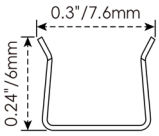
Mounting Options



NF0606-SC

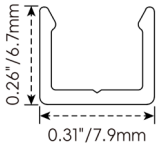
Name	Straight surface channel
Material	Aluminum
Standard Length	1m (3.28ft)




NF0606-BC

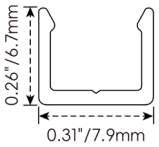
Name	Bendable surface channel
Material	Stainless Steel
Standard Length	1m (3.28ft)
Min. Bending Diameter	50mm(1.97in.)
*Not suitable for upside-down installation	




NF0606-BCA

Name	Bendable surface channel
Material	Aluminum
Standard Length	1m (3.28ft)
Min. Bending Diameter	300mm(11.81in.)

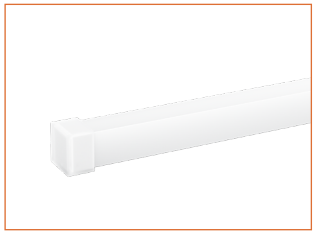





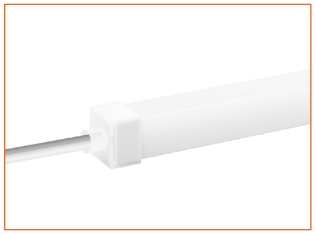
NF0606-CL

Name	Mounting clip
Material	Aluminum
Standard Length	25mm(0.98in.)

Silicone End Caps (Optional, purchase for extra)



NF0606-SEC-C
Silicone closed end cap



NF0606-SEC-F-2P
Silicone end cap front entry with 300mm (11.81in.) cable, 2 pin

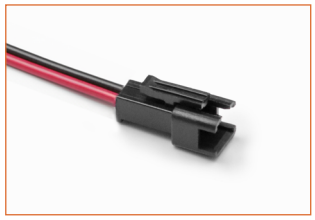


NF0606-SEC-S-2P
Silicone end cap side entry with 300mm (11.81in.) cable, 2 pin

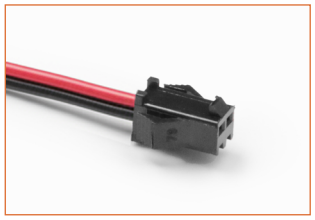


NF0606-SEC-B-2P
Silicone end cap bottom entry with 300mm (11.81in.) cable, 2 pin

Additional Accessories (Optional, purchase for extra)



MC-2P-20
Male connector,
200mm (7.87in.) red&black cable,
2 pin, IP20, 24 AWG



FC-2P-20
Female connector,
200mm (7.87in.) red&black cable,
2 pin, IP20, 24 AWG



ADJS
1 Adjustable Angle Scissors Set,
with 4 Spare Blades

Drivers

Non-dimmable

Code	Max Load	Input	Output	Environment	Size (L x W x H)
ELG-150-24A-3Y	150W	100-305VAC	24V	Dry/Damp/IP67	219 * 63 * 35.5 mm
LRS-150-24	150W	85-132VAC / 170-264VAC	24V	Dry	159 * 97 * 30 mm

3 in 1-dimmable

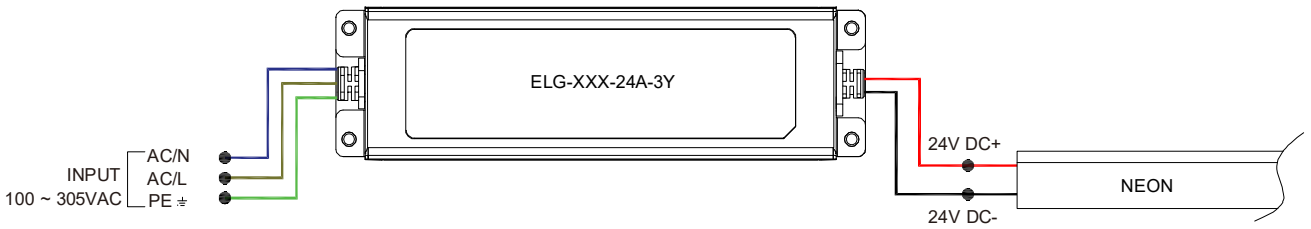
Code	Max Load	Input	Output	Environment	Size (L x W x H)
ELG-150-24B-3Y	150W	100-305VAC	24V	Dry/Damp/IP67	219 * 63 * 35.5 mm

DALI-dimmable

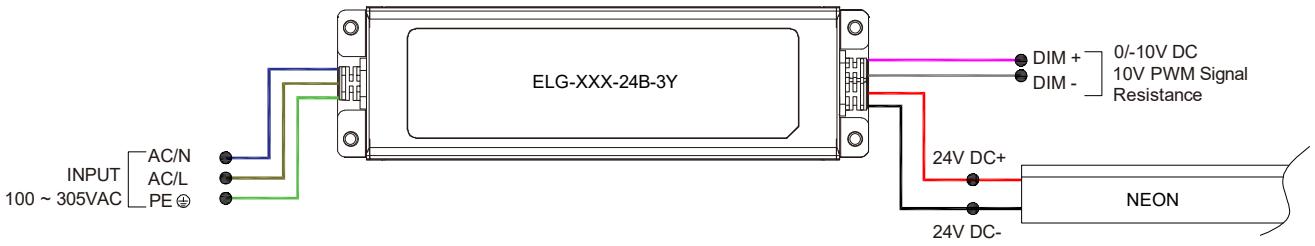
Code	Max Load	Input	Output	Environment	Size (L x W x H)
ELG-150-24DA-3Y	150W	100-305VAC	24V	Dry/Damp/IP67	219 * 63 * 35.5 mm

Wiring Diagram

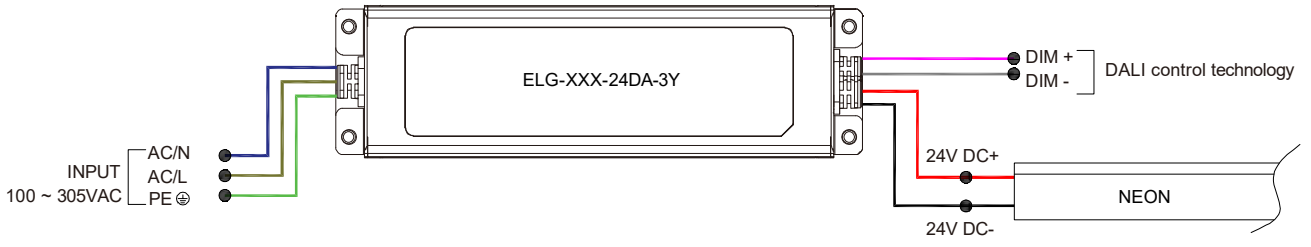
Non-dimmable



3 in 1-dimmable



DALI-dimmable



24V Voltage Drop & Maximum Wire Length Chart

Based on 24V voltage with a 3% voltage drop allowance. Indicates the maximum wire length from the power supply to the start of the run.

Total load	8AWG	10AWG	12AWG	14AWG	16AWG	18AWG	20AWG	22AWG
10W / 0.4A	484.0m	304.5m	191.4m	120.4m	75.5m	47.5m	29.8m	18.5m
20W / 0.8A	242.0m	152.1m	95.7m	60.0m	37.8m	23.7m	14.9m	9.1m
30W / 1.3A	161.2m	101.5m	63.7m	39.9m	24.9m	15.8m	9.7m	6.1m
40W / 1.7A	121.0m	75.9m	47.8m	29.8m	18.9m	11.8m	7.3m	4.5m
50W / 2.1A	96.6m	60.6m	38.1m	24.0m	14.9m	9.4m	5.7m	3.6m
60W / 2.5A	80.4m	50.6m	31.7m	19.8m	12.5m	7.9m	4.8m	3.0m
70W / 2.9A	68.8m	43.2m	27.1m	17.0m	10.6m	6.7m	4.2m	2.4m
80W / 3.3A	60.3m	37.8m	23.7m	14.9m	9.4m	5.7m	3.6m	2.1m
90W / 3.8A	53.6m	33.8m	21.0m	13.1m	8.2m	5.1m	3.0m	1.8m
100W / 4.2A	48.1m	30.1m	18.9m	11.8m	7.3m	4.5m	2.7m	1.8m
110W / 4.6A	43.8m	27.4m	17.3m	10.6m	6.7m	4.2m	2.7m	1.5m
120W / 5.0A	40.2m	25.3m	15.8m	9.7m	6.1m	3.9m	2.4m	1.5m
130W / 5.4A	37.1m	23.1m	14.6m	9.1m	5.7m	3.6m	2.1m	1.2m
140W / 5.8A	34.4m	21.6m	13.4m	8.5m	5.1m	3.3m	2.1m	1.2m
150W / 6.3A	32.0m	20.1m	12.5m	7.9m	4.8m	3.0m	1.8m	1.2m
160W / 6.7A	30.1m	18.9m	11.8m	7.3m	4.5m	2.7m	1.8m	0.9m
170W / 7.1A	28.3m	17.6m	10.9m	7.0m	4.2m	2.7m	1.5m	0.9m
180W / 7.5A	26.8m	16.7m	10.3m	6.7m	3.9m	2.4m	1.5m	0.9m
190W / 7.9A	25.3m	15.8m	10.0m	6.0m	3.9m	2.4m	1.5m	0.9m
200W / 8.3A	24.0m	14.9m	9.4m	5.7m	3.6m	2.1m	1.2m	0.9m
210W / 8.8A	22.8m	14.3m	8.8m	5.4m	3.3m	2.1m	1.2m	0.6m
220W / 9.2A	21.9m	13.7m	8.5m	5.4m	3.3m	2.1m	1.2m	0.6m
230W / 9.6A	21.0m	13.1m	8.2m	5.1m	3.0m	1.8m	1.2m	0.6m
240W / 10.0A	20.1m	12.5m	7.9m	4.8m	3.0m	1.8m	1.2m	0.6m
250W / 10.4A	19.2m	12.1m	7.6m	4.5m	2.7m	1.8m	0.9m	0.6m