

ORLUX TV SMALL

Vertical Bending · Static White

Features

- Field-cut everywhere for an exact fit; continuous illumination with no dark gaps.
- IP65 rated, ideal for damp location and sheltered exterior
- 5 years warranty

Applications

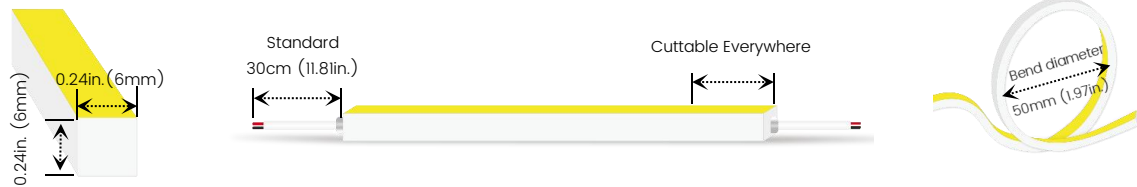
Gardens, parks, hotels, facades, pathways, outdoor steps, etc.

Date _____ Fixture type _____

Project name _____ Project phase _____



Dimensions



Order Code

Assembly Builder

Model	Environment	Voltage	CCT	Power	End Cap	Left Feed Entry
OTVS	W5-Wet (IP65)	24-DC24V	22-2200K 27-2700K 32-3200K 35-3500K 40-4000K 57-5700K	060-6W/M	IJ Injected (IP65) IJC Clear injected (IP65) SEC Silicone (IP65)	F Front OW Open wire 30cm B Bottom MC Male connector with 30cm cable S Side FC Female connector with 30cm cable C Closed NA Only for Closed Feed Entry

*Injected and clear injected end cap are factory-made only.

Assembly Builder

Mounting Order Code

Right Feed Entry	Length	Product Code
F Front OW Open wire 30cm B Bottom MC Male connector with 30cm cable S Side FC Female connector with 30cm cable C Closed NA Only for Closed Feed Entry	Max. nominal 5m	Please select on the Mounting Options page.

*We will manufacture to the requested length considering the increment length.

Lumen Output (lm/ft)

Temp./Color	6W/M
2700K	336
3200K	355
3500K	360
4000K	371
5700K	378
Max. Run Length (M)	5
Storage Temperature	-40°C- 60°C
Operating Temperature	-40°C- 45°C

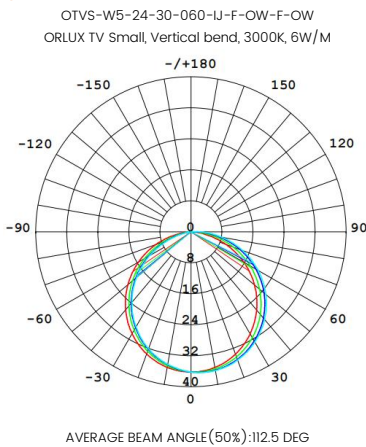
Technical Details

Efficacy	61.7lm/W @4000K 6W
CRI	Ra ≥ 90
Beam Angle	110°
Average Life (L70)	> 47,000 hours
Max. Length Per Reel	20M
Finish	Matte

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Photometry



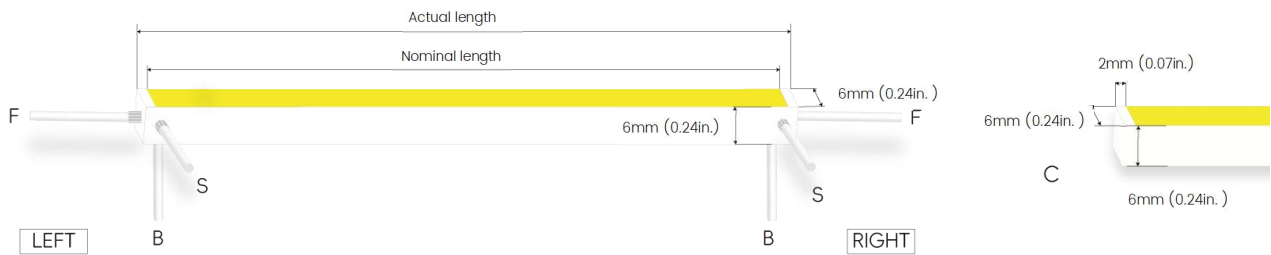
Zonal Lumen Summary 3000K

Zone	Lumen	% Fixture
0-30	28.0	26.8%
0-40	45.9	44%
0-60	81.3	77.8%
0-90	103.7	99.2%
0-180	104.6	100%

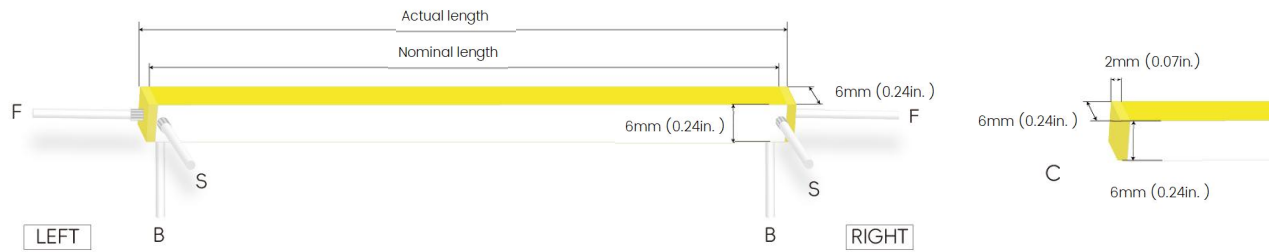
UNIT: CD
— C0/180, 111.7
— C30/210, 112.1
— C60/240, 112.9
— C90/270, 113.5

Feed Entry / End Cap Options

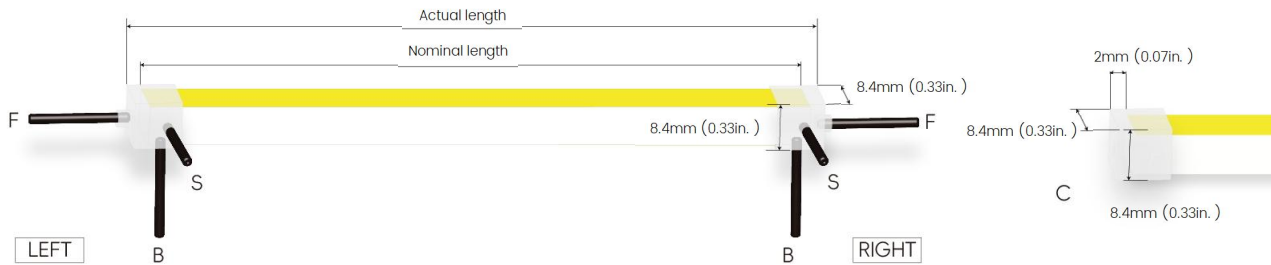
IJ: Injected end cap – IP65, factory-made only



IJC: Clear injected end cap – IP65, factory-made only



SEC: Silicone end cap – IP65



Connector Wire Options



OW: Open wire, **Dry only**
Standard 30cm (0.98ft) , 24 AWG (wire length customizable)

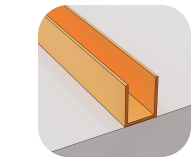
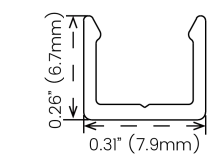
MC: Male connector, 2pin, 24AWG, IP20, 20cm(0.66ft)

FC: Female connector, 2pin, 24AWG, IP20, 20cm(0.66ft)

ORLUX TV SMALL

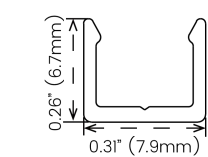
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Mounting Options



ORLUX-S-SC

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



ORLUX-S-CL

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

End Caps (Optional, purchase for extra)



ORLUX-S-SEC-C
Silicone closed end cap



ORLUX-S-SEC-F-2P
Silicone end cap front entry with 30cm (0.98ft) cable, 2 pin



ORLUX-S-SEC-S-2P
Silicone end cap side entry with 30cm (0.98ft) cable, 2 pin



ORLUX-S-SEC-B-2P
Silicone end cap bottom entry with 30cm (0.98ft) cable, 2 pin

Additional Accessories (Optional, purchase for extra)



MC-2P-20
Male connector with 20cm (0.66ft) 2pin, IP20, 24AWG



FC-2P-20
Female connector with 20cm (0.66ft) 2pin, IP20, 24AWG

ORLUX TV SMALL

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Drivers

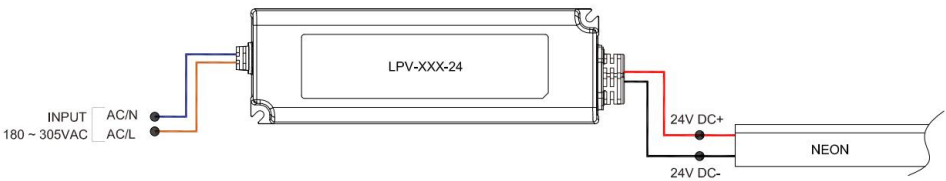
Non-dimmable					
Code	Max Load	Input	Output	Environment	Size (L x W x H)
XLG-150-24-A	150W	100-305VAC	24V	Dry/Damp/IP67	180 * 63 * 35.5 mm
LPV-150-24	150W	100-277VAC		Dry/Damp/IP67	148 * 40 * 30 mm
LRS-150-24	150W	85-132VAC / 170-264VAC		Dry	99 * 97 * 30 mm

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
PWM-120-24	120W	90-305VAC / 127-431VAC		Dry/Damp/IP67	191 * 63 * 37.5 mm

DALI control technology					
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

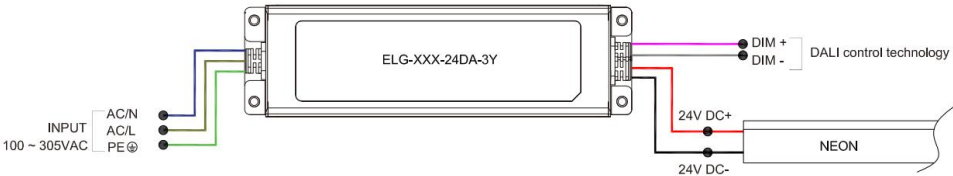
Non-dimmable



3 in 1-dimmable



DALI Control Technology



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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	10 AWG	12 AWG	14 AWG	16 AWG	18 AWG	20 AWG	22 AWG
5W / 0.2A	527.3 m	238.9 m	121.0 m	80.2 m	53.3 m	39.9 m	32.6 m
10W / 0.4A	263.6 m	119.4 m	60.7 m	40.2 m	26.8 m	20.1 m	16.5 m
15W / 0.6A	175.9 m	79.6 m	40.2 m	26.8 m	17.7 m	13.4 m	11.0 m
20W / 0.8A	132.0 m	59.7 m	30.2 m	20.1 m	13.4 m	10.1 m	8.2 m
25W / 1.0A	105.5 m	47.9 m	24.1 m	16.2 m	10.7 m	7.9 m	6.7 m
30W / 1.3A	88.1 m	39.9 m	20.1 m	13.4 m	8.8 m	6.7 m	5.5 m
35W / 1.5A	75.6 m	34.1 m	17.4 m	11.6 m	7.6 m	5.8 m	4.6 m
40W / 1.7A	66.1 m	29.9 m	15.2 m	10.1 m	6.7 m	4.9 m	4.0 m
45W / 1.9A	58.5 m	26.5 m	13.4 m	8.8 m	5.8 m	4.3 m	3.7 m
50W / 2.1A	52.7 m	23.8 m	12.2 m	7.9 m	5.5 m	4.0 m	3.4 m
55W / 2.3A	47.9 m	21.6 m	11.0 m	7.3 m	4.9 m	3.7 m	3.0 m
60W / 2.5A	43.9 m	19.8 m	10.1 m	6.7 m	4.6 m	3.4 m	2.7 m
65W / 2.7A	40.5 m	18.3 m	9.1 m	6.1 m	4.3 m	3.0 m	2.4 m
70W / 2.9A	37.8 m	17.1 m	8.5 m	5.8 m	4.0 m	3.0 m	2.4 m
75W / 3.1A	35.4 m	15.9 m	7.9 m	5.2 m	3.7 m	2.7 m	2.1 m
80W / 3.3A	33.2 m	14.9 m	7.6 m	4.9 m	3.4 m	2.4 m	2.1 m
85W / 3.5A	31.4 m	14.0 m	7.0 m	4.6 m	3.0 m	2.4 m	1.8 m
90W / 3.8A	29.6 m	13.4 m	6.7 m	4.6 m	3.0 m	2.1 m	1.8 m
96W / 4.0A	27.7 m	12.5 m	6.4 m	4.3 m	2.7 m	2.1 m	1.8 m