

Features

- Sleek, flexible design with multiple optics: 20°,30°, 45°, 60°, 20×45°
- IP68 rated, ideal for outdoor uses, not for underwater project
- 5 years warranty

Applications

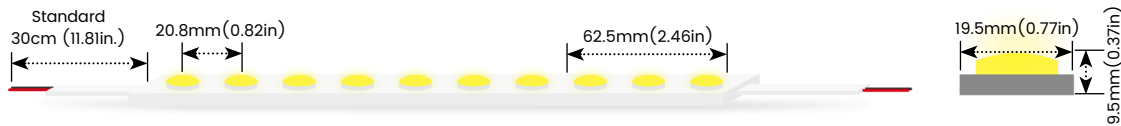
Building facades, bridges, parks, display areas, lobbies, etc.

Date	Fixture type
Project name	Project phase

Bending Directions & Diameters



Dimensions



Order Code

Assembly Builder

Model	Bend Direction	Voltage	CCT	Beam Angle	Power	Left Feed Entry	
WAHLE	T-Top bending	24V-DC24V	927-RA90 2700K	30D-30°	180-18W/M	F Front	OW Open wire 30cm(0.98ft)
			930-RA90 3000K	45D-45°		C Closed	MC Male connector with 30cm(0.98ft) cable
			935-RA90 3500K	60D-60°			FC Female connector with 30cm(0.98ft)cable
			940-RA90 4000K	2045D-2045°			NA Only for Closed Feed Entry

Assembly Builder

Mounting Order Code

Right Feed Entry			Length	
F Front	OW	Open wire 30cm(0.98ft)	Max. nominal	5m (16.4ft)
C Closed	MC	Male connector with 30cm(0.98ft) cable	Increment	62.5mm (2.46in.)
	FC	Female connector with 30cm(0.98ft)cable		
	NA	Only for Closed Feed Entry		

Product Code
Please select on the Mounting Options page

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

Lumen Output (lm/m)

CCT	30°	45°	60°	20×45°
2700K	1544	1554	1580	1484
3000K	1671	1764	1644	1597
3500K	1711	1525	1862	1693
4000K	1854	1876	1903	1583
Max. Run Length	5m	5m	5m	5m

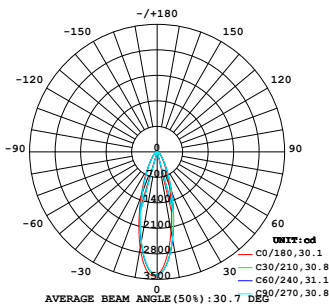
Technical Details

Efficacy	92.8lm/W @3000K 30°
CRI	Ra>90
Average Life (L80B10)	>54,000 hours
Storage Temperature	-25°C~ 60°C
Operating Temperature	-25°C~ 60°C

Photometry

WHALET-24-930-30D-180

COVEFLEX WAHLE, Top bending, 24V, RA90, 3000K, 30°, 18W/M

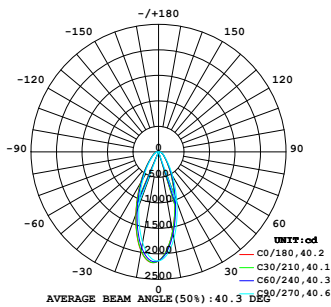


Zonal Lumen Summary

Zone	Lumen	% Fixture
0-30	1102	66.0%
0-40	1306	78.2%
0-60	1520	90.9%
0-90	1641	98.2%
0-180	1671	100.0%

WHALET-24-930-45D-180

COVEFLEX WAHLE, Top bending, 24V, RA90, 3000K, 45°, 18W/M

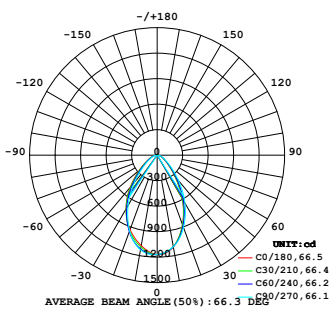


Zonal Lumen Summary

Zone	Lumen	% Fixture
0-30	956.4	54.2%
0-40	1223	69.3%
0-60	1527	86.5%
0-90	1716	97.2%
0-180	1765	100.0%

WHALET-24-930-60D-180

COVEFLEX WAHLE, Top bending, 24V, RA90, 3000K, 60°, 18W/M

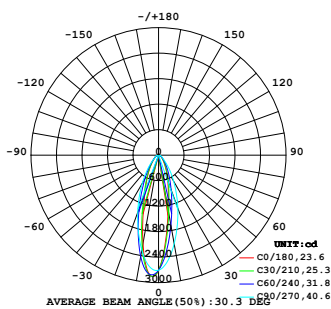


Zonal Lumen Summary

Zone	Lumen	% Fixture
0-30	755.4	45.9%
0-40	1086	66.0%
0-60	1456	88.6%
0-90	1609	97.9%
0-180	1644	100.0%

WHALET-24-930-2045D-180

COVEFLEX WAHLE, Top bending, 24V, RA90, 3000K, 2045°, 18W/M

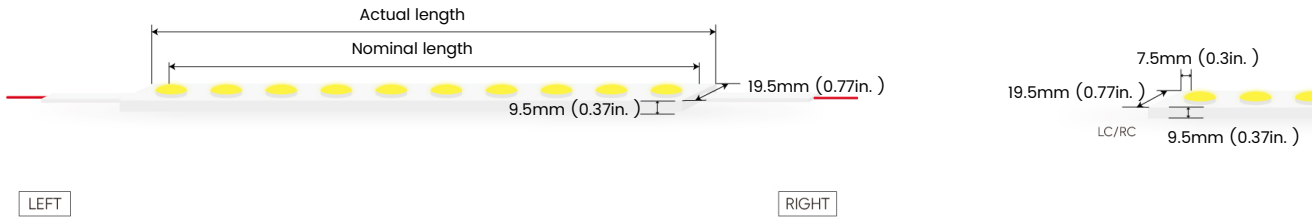


Zonal Lumen Summary

Zone	Lumen	% Fixture
0-30	949.1	59.4%
0-40	1182	74.0%
0-60	1427	89.4%
0-90	1564	97.9%
0-180	1597	100.0%

Feed Entry / End Cap Options

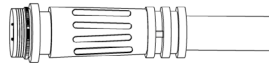
FO: Flush Opaque – IP68, factory-made only



Connector Wire Options



OW: Open wire, Dry only
Standard 30cm (0.98ft), 20 AWG,
wire length customizable

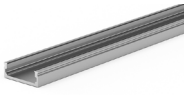
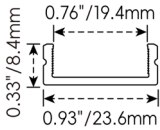


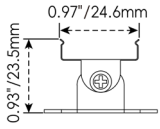


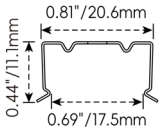


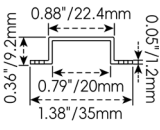



MC: Male connector, Wet
Standard 30cm (0.98ft), 20 AWG



FC: Female connector, Wet
Standard 30cm (0.98ft), 20 AWG

Mounting Options

	 <p>0.33"/8.4mm 0.76"/19.4mm 0.93"/23.6mm</p>		<p>AC132</p> <table border="1"> <tbody> <tr> <td>Name</td> <td>Straight surface channel</td> </tr> <tr> <td>Material</td> <td>Aluminum</td> </tr> <tr> <td>Standard Length</td> <td>1M (3.28ft)</td> </tr> </tbody> </table>	Name	Straight surface channel	Material	Aluminum	Standard Length	1M (3.28ft)
Name	Straight surface channel								
Material	Aluminum								
Standard Length	1M (3.28ft)								
	 <p>0.93"/23.5mm 0.97"/24.6mm</p>		<p>AC027-SET</p> <table border="1"> <tbody> <tr> <td>Name</td> <td>Angled mounting clip</td> </tr> <tr> <td>Material</td> <td>Aluminum</td> </tr> </tbody> </table>	Name	Angled mounting clip	Material	Aluminum		
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Material	Aluminum								
	 <p>0.44"/11.1mm 0.81"/20.6mm 0.69"/17.5mm</p>		<p>AC026-SET</p> <table border="1"> <tbody> <tr> <td>Name</td> <td>Mounting clip</td> </tr> <tr> <td>Material</td> <td>Stainless steel</td> </tr> </tbody> </table>	Name	Mounting clip	Material	Stainless steel		
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	 <p>0.36"/9.2mm 0.88"/22.4mm 0.79"/20mm 1.38"/35mm 0.05"/1.2mm</p>		<p>AC112</p> <table border="1"> <tbody> <tr> <td>Name</td> <td>Silicone mounting clip</td> </tr> <tr> <td>Material</td> <td>Silicone</td> </tr> </tbody> </table>	Name	Silicone mounting clip	Material	Silicone		
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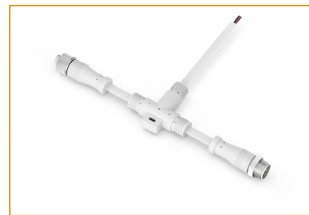
Additional Accessories (Optional, purchase for extra)



AC110-2-M
Male connector,
30cm (0.98ft) white PU cable,
2 pin, IP67, Wet, 20 AWG



AC110-2-F
Female connector,
30cm (0.98ft) white PU cable,
2 pin, IP67, Wet, 20 AWG



AC111-2
Male and female T-shaped connector,
white PU cable,
2 pin, IP67, Wet

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

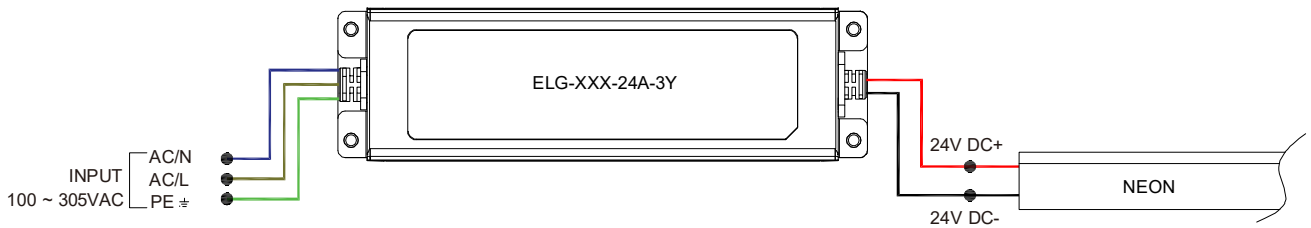
Code	Max Load	Input	Output	Environment	Size (L x W x H)
ELG-150-24B-3Y	150W	100-305VAC	24V	Dry/Damp/IP67	219 * 63 * 35.5 mm

DALI-dimmable

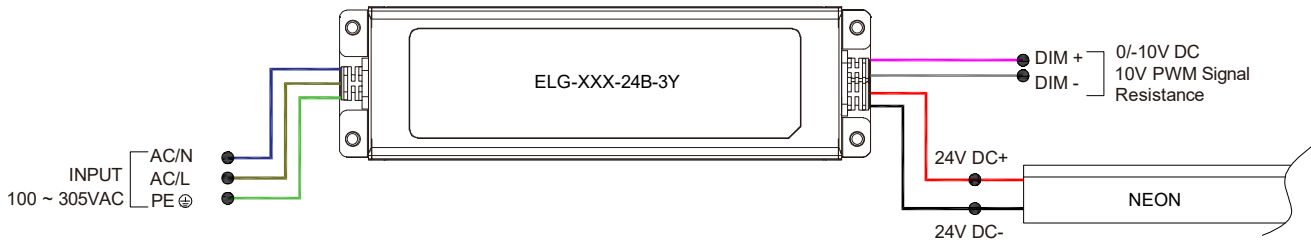
Code	Max Load	Input	Output	Environment	Size (L x W x H)
ELG-150-24DA-3Y	150W	100-305VAC	24V	Dry/Damp/IP67	219 * 63 * 35.5 mm

Wiring Diagram

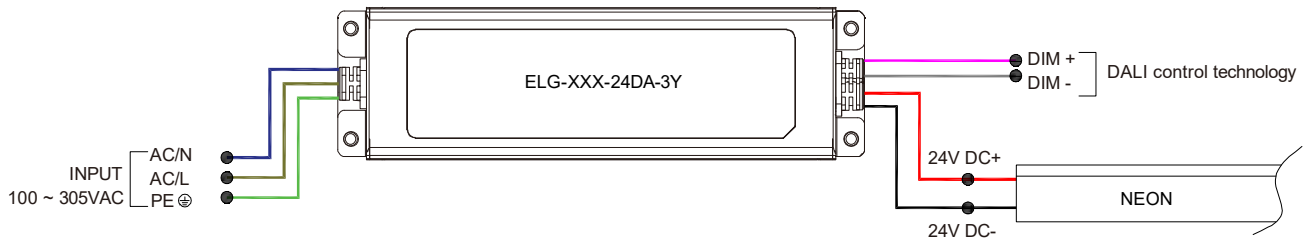
Non-dimmable



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