



## Product Data Sheet

**Category:** Signage / Project / Architectural

**Application:** Linear Lighting

**Product Code:** L-NF-GLOW-VWW through to L-NF-GLOW-RGBWW

**Product Name:** LED Neon Flex – Glow Series



**Features:**

- Uniform light distribution, wide glow
- For 24V LED systems
- Easy installation, with the ability to cut and reconnect (connection accessories available)
- Maximum continuous run of 20m (with power from both ends)
- Bending capability on the horizontal plane
- Full roll contains 20m
- Comprised of eco-friendly and UV-resistant PVC material. Available on request: extra UV protection for highly exposed applications
- Suitable for indoor and outdoor architectural and landscape lighting, including bridges, sculptures, building contours, walkways
- Colour temperatures ranging from 2700K to 5500K, RGBW
- Available on request: injection moulded end for extra weather protection

**Technical Data:**

Product Code	Input Voltage	Colour	LED Quantity	Power	Lumen Output	Beam Angle	IP Rating	Cutting Inc.	Max Run (single input)	Max Run (double input)
L-NF-GLOW-VWW	24VDC	Very Warm White (2700K)	60 LEDs/m	12W/m	>450lm/m	160°	IP68	100mm	10m	20m
L-NF-GLOW-WW	24VDC	Warm White (3500K)	60 LEDs/m	12W/m	>450lm/m	160°	IP68	100mm	10m	20m
L-NF-GLOW-NW	24VDC	Natural White (4500K)	60 LEDs/m	12W/m	>450lm/m	160°	IP68	100mm	10m	20m
L-NF-GLOW-CW	24VDC	Cool White (5500K)	60 LEDs/m	12W/m	>450lm/m	160°	IP68	100mm	10m	20m
L-NF-GLOW-R	24VDC	Red (620-630nm)	60 LEDs/m	6.5W/m	>180lm/m	160°	IP68	167mm	15m	30m
L-NF-GLOW-G	24VDC	Green(520-530nm)	60 LEDs/m	12W/m	>360lm/m	160°	IP68	100mm	10m	20m
L-NF-GLOW-B	24VDC	Blue (460-470nm)	60 LEDs/m	12W/m	>50lm/m	160°	IP68	100mm	10m	20m
L-NF-GLOW-O	24VDC	Orange (580-595nm)	60 LEDs/m	6.5W/m	>160lm/m	160°	IP68	167mm	15m	30m
L-NF-GLOW-RGB	24VDC	RGB	60 LEDs/m	12W/m	--	160°	IP68	100mm	10m	20m
L-NF-GLOW-RGBW	24VDC	RGB + 2700-5500K	80 LEDs/m	15W/m	--	160°	IP68	100mm	10m	20m



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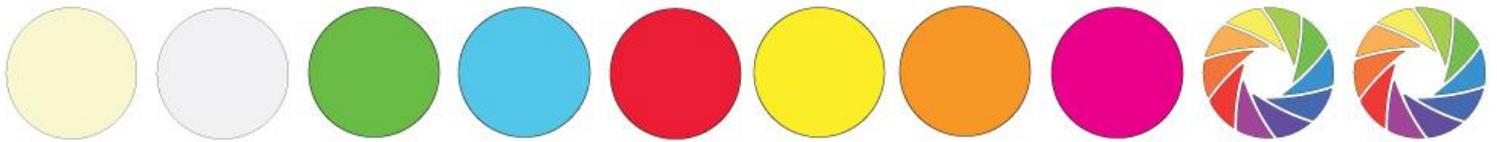
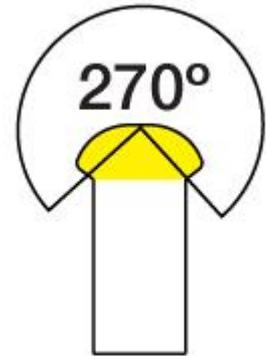
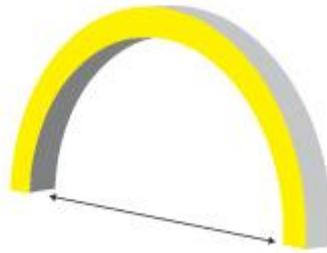
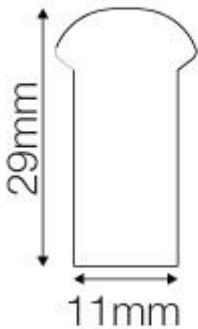
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### Dimensional Drawings:



Warm White

Cool White

Green

Blue

Red

Yellow

Orange

Pink

RGB

RGBW

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### Accessories:



Power Connector

*(injection moulded in factory)*



End Cap

*(injection moulded in factory)*



Power Clasp Connector



End Cap Clasp Connector



Aluminium Standard Channel

50mm clips

1000mm length

500mm length (special order)

2000mm length (special order)



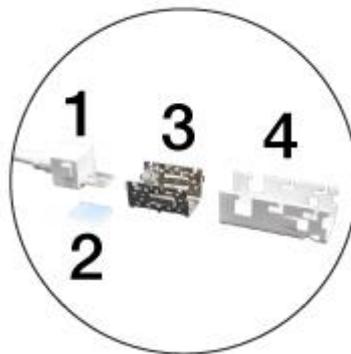
Aluminium Locking Channel

50mm clips

1000mm length

500mm length (special order)

2000mm length (special order)

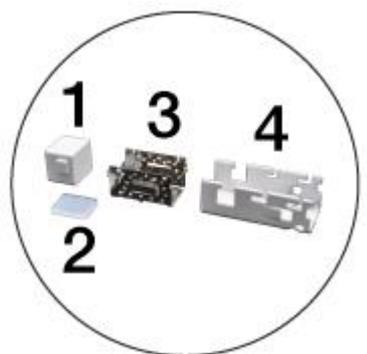


1. Power connector

2. Waterproof gasket

3. Anti skidding clip

4. Clasp shackle



1. End cap

2. Waterproof gasket

3. Anti skidding clip

4. Clasp shackle



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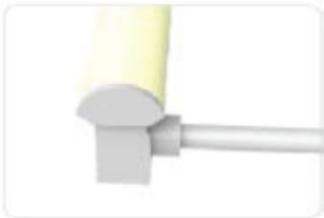
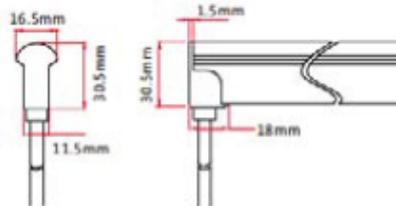


### Injection-moulded connector:



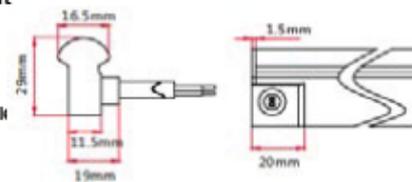
#### Injection-moulded Front Connector (bottom)

Connects light to power supply with pre-installed bottom feed cable, IP68. Cable length available in 0.3m, 1m, 3m, 6m, 10m, 15m, 20m.



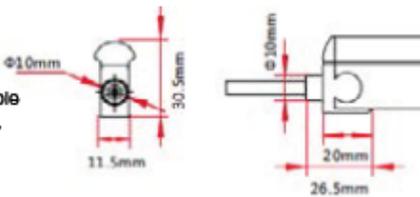
#### Injection-moulded Front Connector (side)

Connects light to power supply with pre-installed side feed cable, IP68. Cable length available in 0.3m, 1m, 3m, 6m, 10m, 15m, 20m.



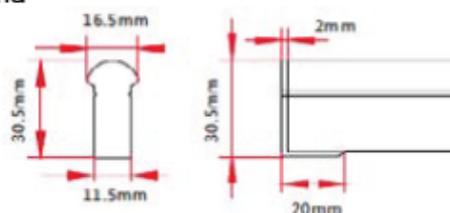
#### Injection-moulded Front Connector (top end)

Connects light to power supply with pre-installed end feed cable, IP68. Cable length available in 0.3m, 1m, 3m, 6m, 10m, 15m, 20m.



#### Injection-moulded End Cap

Pre-installed termination protection of the light, IP68.



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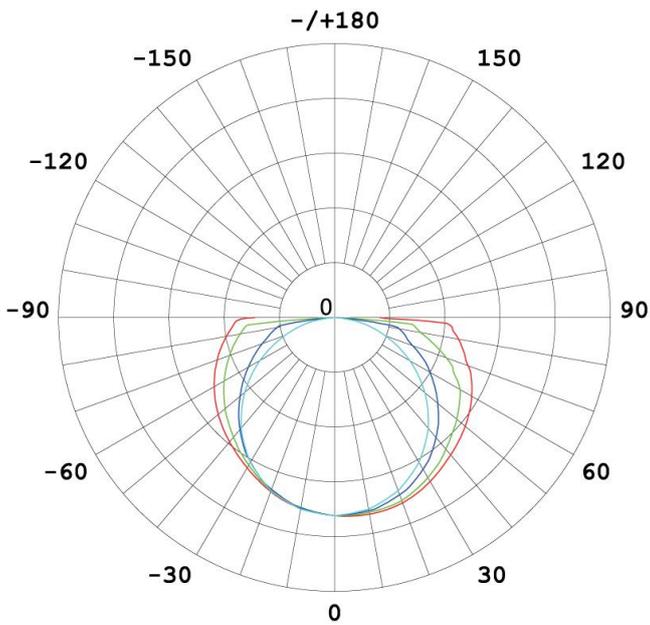
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### Photometrics:



**Flux out: 356.9 lm**

Height	Eavg / Emax	Angle:160.92°	Diameter
1m	3.532 / 103.0 lx		1112.09 cm
2m	0.8829 / 25.74 lx		2224.19 cm
3m	0.3924 / 11.44 lx		3336.28 cm
4m	0.2207 / 6.436 lx		4448.39 cm
5m	0.1413 / 4.119 lx		5560.47 cm