Letro Eagle-1 LED Module

Single-LED wide angle module for illuminated letters and light boxes, 12V DC



12V DC · IP65 · 165° lens · CE · RoHS · Dimmable

Key specifications

Power per module	**0.36W**
Light output (6900K)	**38 lm per module**
LEDs	**1 x SMD 2835**
Supply	**12V DC, modules wired in parallel**
Input voltage range	**11.4 to 15.0V**
Max spacing (centre to centre)	**130mm**
Max modules per run	**75**
Size (L x W x H)	**43 x 15 x 9mm**
Protection	**IP65**
Operating temperature	**-25°C to +60°C**
Rated life	**50,000 hours at 25°C**

Features

- Wide 165° lens for even light on the face
- Constant current technology on each module
- Cut between any two modules
- Dimmable and can flash (PWM)
- 3M tape and a 3.6mm screw hole for fixing

Use with

- Letters at least 250mm high, light boxes
- Depth: 60mm or more
- A 12V DC LED power supply. Total watts = modules x 0.36W, plus about 20% spare
- Housing: injection moulded PVC. Cable: 2-core 0.52mm² (AWG20)

Ordering

Option	Light output	Manufacturer part no.	Sign-Tec code
Cool white 6900K	38 lm	WA-IP-01W69K130R	3LED-WA-IP-01W69K130R
Red	14 lm	WA-IP-01R130	3LED-WA-IP-01R130
White 7100K	Not stated	WA-IP-01W71K120	3LED-WA-IP-01W71K120

Packed 50 per pack. Data from the NP Lighting Eagle datasheet and NP LED catalogue 2024 (Neon Products, manufacturer of Letro modules). Figures are typical; the manufacturer may change specifications.