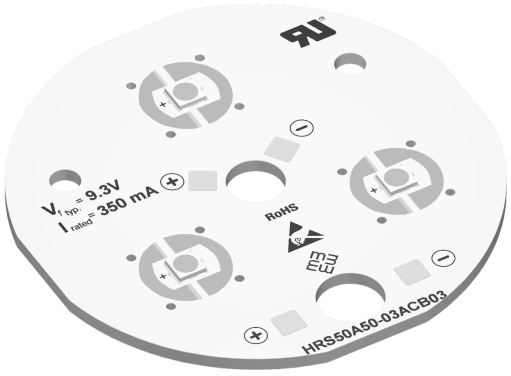
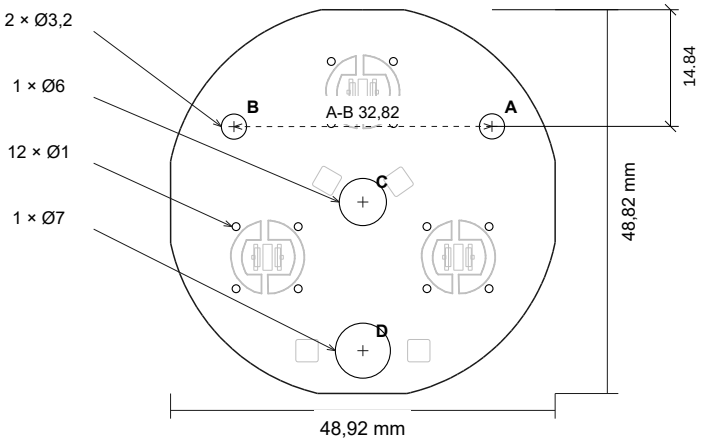
Ground spotlight Jewellery luminaire

HRS50A50-03ACB03

STRADA · 3-LED MODULE





350 mA (1 item)

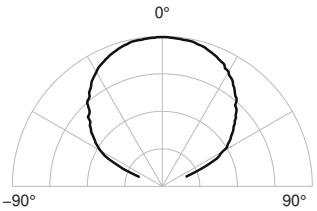
Colour	Voltage (1 item)	Power (1 item)	Luminous flux (1 item)	Efficacy
2950 K	9–9.6 V	3.15–3.36 W	540–600 lm	161–190 lm/W
4000 K	9.3–9.9 V	3.25–3.46 W	570–630 lm	165–194 lm/W
6000–6500 K	9.3–9.9 V	3.25–3.46 W	570–630 lm	165–194 lm/W
Amber	9–9.6 V	3.15–3.36 W	270–300 lm	80–95 lm/W
Turquoise	9.3–9.9 V	3.25–3.46 W	570–630 lm	165–194 lm/W
Green	8.4–8.7 V	2.94–3.04 W	210–240 lm	69–82 lm/W
Blue	9.3–9.9 V	3.25–3.46 W	75–75 lm	22–23 lm/W
Red	8.7–9.3 V	3.04–3.25 W	60–90 lm	18–30 lm/W

Technical Data

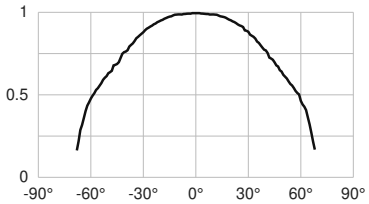
Product code	HRS50A50-03ACB03
Operation / connection (1 item)	Constant current · 3S · 350 mA/LED
Voltage / Power (1 item)	9.3–9.9 V / 3.25–3.46 W
PCB / thickness	Aluminium · 1.6 mm
White colours / CRI	White: CRI 80 · Step-3
Beam angle / colour consistency	120° · White: CRI 80 · Step-3
Service life	L80B10C1 · 40,000 hours
Dimming	With compatible constant-current driver
Resistor / connector	No resistor / connector

Mechanical data		Components / temperature	
Actual dimensions	48.92 × 48.82 mm	LED / footprint	Lumenson L3030
PCB / thickness	Aluminium · 1.6 mm	LED operating temperature	–30 … +75 °C
LEDs / holes	3 LED	Resistor / connector	Direct solder · 2 × (+/–)
Mounting / lens holes	12 × Ø1 · 2 × Ø3.2 · 1 × Ø6 · 1 × Ø7	White colours / CRI	White: CRI 80 · Step-3
Other holes / segmentation	Single piece · no V-score	λ / CCT	1600–1800 K; 490–495 / 520–525 / 450–460 / 620–630 nm

Polar distribution



Angle / relative intensity



50% intensity angle



≈ 118°

I / Imax = 0.5

GS3030, p.10 white LED curve: illustrative reference for colour options; not a module/lens measurement.

Reel-label totals; assumed 350 mA test point. Thermal/optical losses excluded; no minimum-flux guarantee. Declarations from the LMW catalogue; LED temperature is not a board Tc measurement.