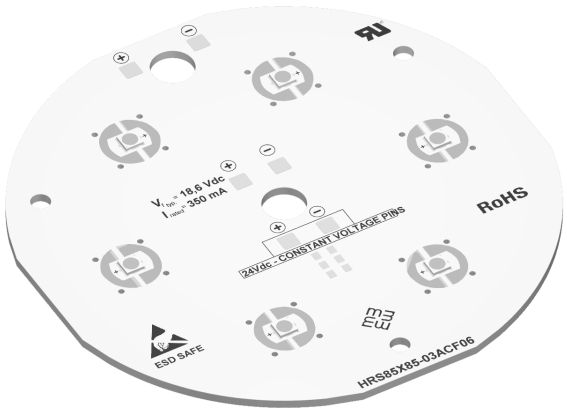
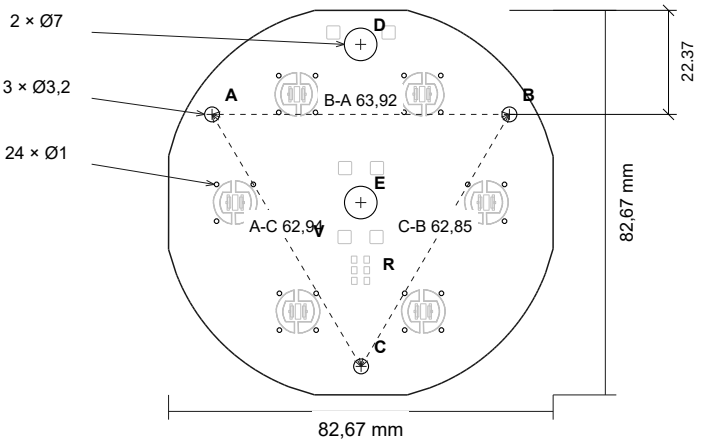
Ground spotlight Jewellery luminaire

HRS85X85-03ACF06

STRADA · 6-LED MODULE





350 mA (1 item)

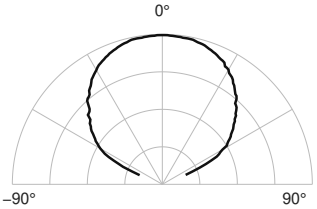
Colour	Voltage (1 item)	Power (1 item)	Luminous flux (1 item)	Efficacy
2950 K	18–19.2 V	6.3–6.72 W	1080–1200 lm	161–190 lm/W
4000 K	18.6–19.8 V	6.51–6.93 W	1140–1260 lm	165–194 lm/W
6000–6500 K	18.6–19.8 V	6.51–6.93 W	1140–1260 lm	165–194 lm/W
Amber	18–19.2 V	6.3–6.72 W	540–600 lm	80–95 lm/W
Turquoise	18.6–19.8 V	6.51–6.93 W	1140–1260 lm	165–194 lm/W
Green	16.8–17.4 V	5.88–6.09 W	420–480 lm	69–82 lm/W
Blue	18.6–19.8 V	6.51–6.93 W	150–150 lm	22–23 lm/W
Red	17.4–18.6 V	6.09–6.51 W	120–180 lm	18–30 lm/W

Technical Data

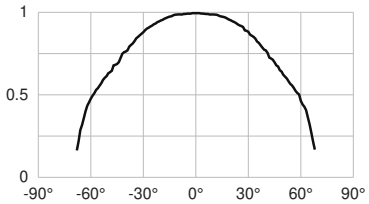
Product code	HRS85X85-03ACF06
Operation / connection (1 item)	Constant current · 6S · 350 mA/LED
Voltage / Power (1 item)	18.6–19.8 V / 6.51–6.93 W
PCB / thickness	Aluminium · 1.6 mm
White colours / CRI	White: CRI 80 · Step-3
Beam angle / colour consistency	120° · White: CRI 80 · Step-3
Service life	L80B10C1 · 40,000 hours
Dimming	With compatible constant-current driver
Resistor / connector	24 V option requires separate pads and resistor population.

Mechanical data		Components / temperature	
Actual dimensions	82.67 × 82.67 mm	LED / footprint	Lumenson L3030
PCB / thickness	Aluminium · 1.6 mm	LED operating temperature	–30 … +75 °C
LEDs / holes	6 LED	Resistor / connector	Direct solder · 2 × (+/–)
Mounting / lens holes	24 × Ø1 · 3 × Ø3.2 · 4 × Ø6 · 4 × 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.