Freja

Wall Step Light

A flush-faceplate LED step light with a smooth visor face, for stairs, paths and corridors — surface mounted on a wall, ceiling or 4″ J-box. One die-cast aluminum platform in round, square and rectangular trims across three output tiers, so one detail can run a whole project.

- Visor face — a smooth plate with a plain slot aperture, no louvers
- Choose shape then size — round, square or rectangular, 3.3″ to 7.9″
- Output follows the size — 3W · 6W · 10W (up to 680 lm)
- Anti-glare soft light · RA90 standard (RA80 / RA97 optional)
- Nine control options — TRIAC, 0–10V, DALI, DMX512, PWM, Zigbee, Bluetooth, RF



ETL | FCC | CE | RoHS | SAA | IP65 | IK08 | Wet Location

LUMEN OUTPUT	180 – 680 lm (by tier)
COLOR TEMP / CCT	2700K / 3000K / 3500K / 4000K / 5000K / 5700K / 6500K
CRI	RA90 (RA80 / RA97 optional)
BEAM ANGLE	T2M 65° × 135° · BDF 120° (LM-20%)
LED SOURCE	GUBO
WATTAGE	3W / 6W / 10W (by trim size)
VOLTAGE	AC 100–277V 50/60Hz · AC 220–240V · AC 110–130V · DC 12V / 24V / 36V / 42V
DIMMING	Non-dimmable standard · TRIAC / 0–10V / DALI / DMX512 / PWM · Zigbee / Bluetooth / 2.4G RF

DRIVER	GUBO
FINISH	White, Black, Grey, Dark Grey, Brass
IP / IMPACT	IP65 · IK08
MATERIAL	Die-cast aluminum housing · corrosion-resistant plastic sleeve
LENS	High-efficiency PC lens
MOUNTING	Wall or ceiling surface · [FJP] plate for 4″ J-box
DIMENSIONS	Round Ø4.6–7.9″ · square 3.3–7.9″ · rect 7.9 × 3.6″ · 1.3″ deep
LIFETIME	>50,000 hrs

ORDERING

CONFIGURE YOUR PART NUMBER USING THE OPTIONS BELOW.

MODEL	SHAPE	SIZE	VOLTAGE	CCT	CRI	DIMMING	FINISH
FREJA	RD Round SQ Square RT Rectangular*	33 3.3″ · 3W** 46 4.6″ · 3W 59 5.9″ · 6W 79 7.9″ · 10W	U AC 100–277V AC220 AC 220–240V AC110 AC 110–130V DC12 DC 12V DC24 DC 24V DC36 DC 36V DC42 DC 42V	27 2700K 30 3000K 35 3500K 40 4000K 50 5000K 57 5700K 65 6500K TW Tunable White RGB RGBW RGBA	80 RA80 90 RA90 97 RA97	N Non-dimmable DT TRIAC DV 0–10V DA DALI DX DMX512 DP PWM ZB Zigbee BT Bluetooth RF 2.4G RF	WH White BK Black GY Grey AGY Dark Grey BR Brass

* RT only available as size 79 (7.9″). ** Size 33 (3.3″) only available for shape SQ Square.

Build Your Order Code — example values shown in grey

MODEL	SHAPE	SIZE	VOLTAGE	CCT	CRI	DIMMING	FINISH
FREJA	SQ	46	U	30	90	N	BK

FINISHES

WH
White (RAL9010)

BK
Black (RAL9005)

GY
Grey (RAL7042)

AGY
Dark Grey (RAL7016)

BR
Brass (RAL1024)

VISOR FACE — TRIM SHAPES



RD
Round
Sizes 46 · 59 · 79



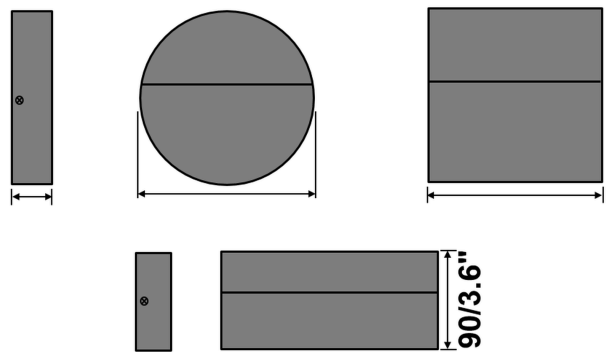
SQ
Square
Sizes 33 · 46 · 59 · 79



RT
Rectangular
Size 79 only — 7.9″ × 3.6″

DIMENSIONS

SHAPE	SIZE	FACE SIZE	OUTPUT
RD Round	46	Ø4.6″ (118 mm)	3W
RD Round	59	Ø5.9″ (150 mm)	6W
RD Round	79	Ø7.9″ (200 mm)	10W
SQ Square	33	3.3″ (83 mm)	3W
SQ Square	46	4.6″ (118 mm)	3W
SQ Square	59	5.9″ (150 mm)	6W
SQ Square	79	7.9″ (200 mm)	10W
RT Rectangular	79	7.9″ × 3.6″ (200 × 90 mm)	6W
All	—	Depth 1.3″ (32 mm)	—



VISOR-FACE (RD / SQ / RT) TRIMS. SIDE PROFILE, ROUND AND SQUARE SHOWN ABOVE; RECTANGULAR BELOW. DEPTH 1.3″ (32 MM) ON ALL TRIMS.

PERFORMANCE DATA

DELIVERED LUMENS — WHITE, RA90

Optic	CCT	3W	6W	10W
White (RA90)	2700K	180 lm	360 lm	600 lm
	3000K	190 lm	380 lm	640 lm
	3500K	190 lm	380 lm	640 lm
	4000K	210 lm	410 lm	680 lm
	5000K	210 lm	410 lm	680 lm
	5700K	210 lm	410 lm	680 lm
	6500K	200 lm	400 lm	670 lm

Nominal delivered lumens at RA90; tolerance ±10% at 25°C. Output follows the size — 3W on RD 46 / SQ 33 / SQ 46, 6W on RD 59 / SQ 59 / RT 79, 10W on RD 79 / SQ 79.

DELIVERED LUMENS — TUNABLE WHITE & COLOR

Mode	Output	3W	6W	10W
TW Tunable White	Delivered	150 lm	320 lm	530 lm
RGB	Delivered	120 lm	240 lm	400 lm
RGBW	Delivered	150 lm	320 lm	530 lm
RGBA	Delivered	120 lm	240 lm	400 lm

Tunable White spans 2700K–6500K from one fixture. RGB / RGBW / RGBA are multi-chip (620 nm red · 520 nm green · 455 nm blue, plus 2700K white or amber); values are total delivered lumens with all channels at full.

Beam Angle T2M 65° × 135° · BDF 120° (LM-20%) **Efficacy** — **CRI** RA90 (RA80 / RA97 optional)