Petra

Recessed Step Light

A wall-recessed LED step light with a square trim — the smallest format on the platform, sized to read as a discreet marker rather than a fixture. Two sizes, flush in the wall.

- Recessed square trim — flush face, louvered aperture
- Two sizes — 2.3″ and 3.4″ square, the platform's most discreet format
- 2W on the 2.3″ trim, 3W on the 3.4″ (up to 150 lm)
- Anti-glare soft light · RA90 standard (RA80 / RA97 optional)



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

LUMEN OUTPUT	90 – 150 lm (by size)
COLOR TEMP / CCT	2700K / 3000K / 3500K / 4000K / 5000K / 5700K
CRI	RA90 (RA80 / RA97 optional)
BEAM ANGLE	T2M 65° × 135°
LED SOURCE	GUBO
WATTAGE	2W / 3W (by size)
VOLTAGE	AC 100–277V 50/60Hz · AC 220–240V · AC 110–130V · DC 12V / 24V / 36V / 48V
POWER FACTOR	>0.5 (>0.4 color)
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 recessed — sleeve must be pre-embedded · [FWA] surface-mount kit optional
DIMENSIONS	2.3″ and 3.4″ square · 1.9–2.0″ deep
LIFETIME	>50,000 hrs

ORDERING

CONFIGURE YOUR PART NUMBER USING THE OPTIONS BELOW.

MODEL	SIZE	VOLTAGE	CCT	CRI	DIMMING	OPTIONS	FINISH
PETRA	SQ23 2.3″ sq · 2W SQ34 3.4″ sq · 3W	U AC 100–277V AC220 AC 220–240V AC110 AC 110–130V DC12 DC 12V DC24 DC 24V DC36 DC 36V DC48 DC 48V	27 2700K 30 3000K 35 3500K 40 4000K 50 5000K 57 5700K TW Tunable White RGBW*	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	N None FWA Surface-mount kit	WH White BK Black GY Grey AGY Dark Grey BR Brass

* RGBW is not offered on size SQ23 (2W).

Build Your Order Code — example values shown in grey

MODEL	SIZE	VOLTAGE	CCT	CRI	DIMMING	OPTIONS	FINISH
PETRA	SQ34	U	30	90	N	N	BK

FINISHES



WH
White (RAL9010)

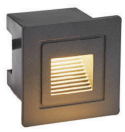
BK
Black (RAL9005)

GY
Grey (RAL7042)

AGY
Dark Grey (RAL7016)

BR
Brass (RAL1024)

TRIM SIZES



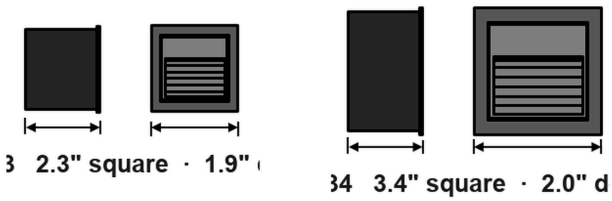
SQ23
2.3″ square
2W



SQ34
3.4″ square
3W

DIMENSIONS

SIZE	FACE (W × H)	WALL CUTOUT (W × H × D)	OUTPUT
SQ23	2.3″ × 2.3″ (58 × 58 mm)	1.9″ × 1.9″ × 1.8″ (48 × 48 × 46 mm)	2W
SQ34	3.4″ × 3.4″ (86 × 86 mm)	2.7″ × 2.7″ × 1.9″ (68 × 68 × 48 mm)	3W



SQUARE TRIMS IN TWO SIZES. THE SLEEVE MUST BE PRE-EMBEDDED; CUT THE WALL OPENING TO THE CUTOUT COLUMN.

PHOTOMETRY

DELIVERED LUMENS — WHITE, RA90

Optic	CCT	2W	3W
White (RA90)	2700K	90 lm	130 lm
	3000K	95 lm	140 lm
	3500K	95 lm	140 lm
	4000K	100 lm	150 lm
	5000K	100 lm	150 lm
	5700K	100 lm	150 lm

Nominal delivered lumens at RA90; tolerance ±10% at 25°C. 2W on size SQ23, 3W on size SQ34.

DELIVERED LUMENS — TUNABLE WHITE & COLOR

Mode	Output	2W	3W
TW Tunable White	Delivered	90 lm	130 lm
RGBW	Delivered	—	130 lm

Tunable White spans 2700K–6500K from one fixture. RGBW is multi-chip (620 nm red · 520 nm green · 455 nm blue, plus 2700K white) and is not offered on the 2W size SQ23.

BEAM ANGLE T2M 65° × 135° **EFFICACY** —