

PETRA

LED 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, with an optional PIR motion sensor on the larger trim.

- Recessed square trim — flush face, louvred 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)
- Optional PIR motion sensor on the 3.4" trim, with or without a lux sensor
- Anti-glare soft light · RA90 standard (RA80 / RA97 optional)
- IP65 · IK08 · Class I · CE / RoHS / ETL / FCC / SAA



LUMEN OUTPUT	90 – 150 lm (by size)
COLOR TEMP / CCT	2700K / 3000K / 3500K / 4000K / 5000K / 5700K
COLOR QUALITY / CRI	RA90 (RA80 / RA97 optional)
DISTRIBUTION	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 colour)
DIMMING / CONTROLS	Non-dimmable std · TRIAC / 0–10V / 1–10V / DALI / DMX512 / PWM · Zigbee / Bluetooth / 2.4G RF

DRIVER	GUBO
FINISH	White, Black, Grey, Dark Grey, Brass
IP / IMPACT	IP65 · IK08
MATERIAL	Die-cast aluminium 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

PETRA

CONFIGURE YOUR PART NUMBER USING THE OPTIONS BELOW.

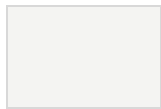
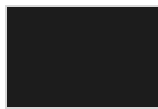
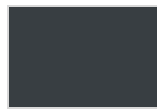
MODEL	CCT	CRI	VOLTAGE	SIZE	CONTROLS	OPTIONS	FINISH
PETRA	27 2700K	80	U AC 100-277V	SQ23 2.3" sq · 2W	N Non-dimmable	N None	WH White
	30 3000K	RA80	AC220 AC 220-240V	SQ34 3.4" sq · 3W	DT TRIAC	PIR Motion sensor**	BK Black
	35 3500K	90	AC110 AC 110-130V		DV 0/1-10V	PIRL Motion + lux sensor**	GY Grey
	40 4000K	RA90	DC12 DC 12V		DA DALI		AGY Dark Grey
	50 5000K	97	DC24 DC 24V		DX DMX512	FWA Surface-mount kit	BR Brass
	57 5700K	RA97	DC36 DC 36V		DP PWM		
	TW Tunable White		DC48 DC 48V		ZB Zigbee		
	RGBW*				BT Bluetooth		
					RF 2.4G RF		

* RGBW is not offered on size SQ23 (2W). ** PIR options are available on size SQ34 only. PIR: 120° detection, 3 m max range, 30-second delay.

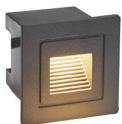
Build Your Order Code — example values shown in grey

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

FINISHES

WH
White (RAL9010)BK
Black (RAL9005)GY
Grey (RAL7042)AGY
Dark Grey
(RAL7016)BR
Brass (RAL1024)

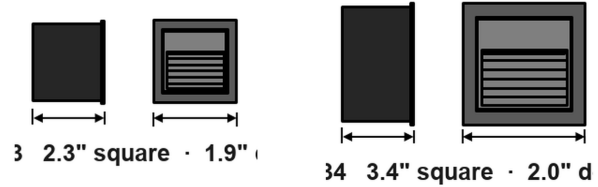
TRIM SIZES

**SQ23**
2.3" square
2W · no PIR option**SQ34**
3.4" square
3W · PIR optional

Dimensions

PETRA

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	130
	3000K	95	140
	3500K	95	140
	4000K	100	150
	5000K	100	150
	5700K	100	150

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

DELIVERED LUMENS – TUNABLE WHITE & COLOUR

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

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.

DISTRIBUTION T2M 65° × 135° **EFFICACY** – **IES FILE** On request