Luma

Recessed Step Light

A wall-recessed LED step light offered in five face profiles on one plate — a louvered face for tight glare control, or four open-scoop shapes that graze the wall. Five sizes from a 2.17″ square marker to a 20.7″ five-gang bar, so one detail can run from a single tread to a whole corridor.

- Five face profiles on one plate — A louvered, B–E open scoops
- Five sizes — 2.17″ square up to a 20.7″ five-gang bar
- Output follows the size — 2W · 3W · 6W · 12W · 30W (up to 1,500 lm)
- Full 2700K–6500K white range · RA90 standard (RA80 / RA97 optional)



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

LUMEN OUTPUT	90 – 1,500 lm (by size)
COLOR TEMP / CCT	2700K / 3000K / 3500K / 4000K / 5000K / 5700K / 6500K
CRI	RA90 (RA80 / RA97 optional)
BEAM ANGLE	T2M 65° × 135°
LED SOURCE	GUBO
WATTAGE	2W / 3W / 6W / 12W / 30W (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
DIMENSIONS	2.17″ sq to 20.7 × 4.14″ · 1.97–2.13″ deep
LIFETIME	>50,000 hrs

ORDERING

CONFIGURE YOUR PART NUMBER USING THE OPTIONS BELOW.

MODEL	SHAPE	SIZE	VOLTAGE	CCT	CRI	DIMMING	FINISH
LUMA	A Louvered B Open scoop C Arched scoop D Angled scoop E Curved scoop	SQ22 2.17″ sq · 2W SQ34 3.35″ sq · 3W HZ45 4.53 × 3.35″ · 6W HZ84 8.43 × 3.35″ · 12W HZ207 20.7 × 4.14″ · 30W*	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 65 6500K 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	WH White BK Black GY Grey AGY Dark Grey BR Brass CC Custom RAL

* Size HZ207 is available in profile A only. ** RGBW is not offered on size SQ22 (2W).

Build Your Order Code — example values shown in grey

MODEL	SHAPE	SIZE	VOLTAGE	CCT	CRI	DIMMING	FINISH
LUMA	A	HZ45	U	30	90	N	BK

FINISHES

WH
White (RAL9010)

BK
Black (RAL9005)

GY
Grey (RAL7042)

AGY
Dark Grey (RAL7016)

BR
Brass (RAL1024)

FACE PROFILES — LOUVERED OR OPEN SCOOP

Profiles C, D and E are further scoop shapes — see the order matrix.



A
Louvered
Fine blades — tightest glare control



B
Open scoop
Wide aperture — softest wall graze

DIMENSIONS

SIZE	FACE (W × H)	DEPTH	OUTPUT
SQ22	2.17″ × 2.17″ (55 × 55 mm)	1.97″ (50 mm)	2W
SQ34	3.35″ × 3.35″ (85 × 85 mm)	1.97″ (50 mm)	3W
HZ45	4.53″ × 3.35″ (115 × 85 mm)	1.97″ (50 mm)	6W
HZ84	8.43″ × 3.35″ (214 × 85 mm)	1.97″ (50 mm)	12W (2 × 6W)
HZ207	20.7″ × 4.14″ (525 × 105 mm)	2.13″ (54 mm)	30W (5 × 6W)



THE FIVE SIZES AT TRUE RELATIVE SCALE — SQ22 TO HZ207 IS A 9.5× SPAN. HZ84 IS A TWO-GANG BODY AND HZ207 A FIVE-GANG. EVERY PROFILE A–E IS OFFERED ON EVERY SIZE EXCEPT HZ207, WHICH IS PROFILE A ONLY. SLEEVE MUST BE PRE-EMBEDDED.

PHOTOMETRY

DELIVERED LUMENS — WHITE, RA90

Optic	CCT	2W	3W	6W	12W	30W
White (RA90)	2700K	90 lm	130 lm	260 lm	520 lm	1,300 lm
	3000K	95 lm	140 lm	280 lm	560 lm	1,400 lm
	3500K	95 lm	140 lm	280 lm	560 lm	1,400 lm
	4000K	100 lm	150 lm	300 lm	600 lm	1,500 lm
	5000K	100 lm	150 lm	300 lm	600 lm	1,500 lm
	5700K	100 lm	150 lm	300 lm	600 lm	1,500 lm
	6500K	100 lm	150 lm	300 lm	600 lm	1,500 lm

Nominal delivered lumens at RA90; tolerance ±10% at 25°C. HZ84 is two 6W engines and HZ207 five, so their totals are 2× and 5× the 6W figure. A 3W build of HZ45 and a 5W-per-engine build of HZ84 / HZ207 are available — consult the factory.

DELIVERED LUMENS — TUNABLE WHITE & COLOR

Mode	Output	2W	3W	6W	12W	30W
TW Tunable White	Delivered	90 lm	130 lm	260 lm	520 lm	1,300 lm
RGBW	Delivered	—	130 lm	260 lm	520 lm	1,300 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 SQ22.

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