

TOVE

LED Surface Step Light

A low surface-mounted dome that puts light out at ground level with no recess and nothing to cut. One body emits through one, two or four apertures, and the beam is picked at order time — 15° spot through 120° flood, plus three oval optics. Runs on 24V DC as standard and mounts direct, on a spike, an inground sleeve or a 4" J-box.

- Surface mounted — ground, wall or ceiling, no recess required
- One, two or four light exits from a single body
- Two bodies — Ø4.73" (1.6" high) and Ø5.9" (1.8" high)
- Eleven optics — 15°–120° symmetric, three oval, plus a diffuse lens
- 24V DC standard; AC 100–277V available. Pre-wired 22" cord
- IP65 · IK08 · Class I · CE / RoHS / ETL / FCC / SAA



Intertek



LUMEN OUTPUT	230 – 720 lm (by configuration)
COLOR TEMP / CCT	2700K / 3000K / 3500K / 4000K / 5000K / 6500K
CRI	RA90 (RA80 / RA97 optional)
DISTRIBUTION	Symmetric 15 / 25 / 30 / 45 / 60 / 90 / 120° · Oval 15×45 / 15×60 / 30×70° · Diffuse 120°
LED SOURCE	GUBO
WATTAGE	3W / 4W · 2×2W / 2×4W / 4×2W
VOLTAGE	DC 24V standard · DC 12V · AC 100–277V / 220–240V / 110–130V 50/60Hz
POWER FACTOR	>0.5 (>0.4 colour)
DIMMING	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	Ground, wall or ceiling surface · inground sleeve · 4" J-box plate · spike
DIMENSIONS	Ø4.73" × 1.6" high · Ø5.9" × 1.8" high
LIFETIME	>50,000 hrs

ORDERING

CONFIGURE YOUR PART NUMBER USING THE OPTIONS BELOW.

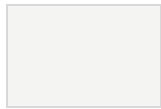
MODEL	CCT	CRI	VOLTAGE	CONFIG	DISTRIBUTION	MOUNTING	CONTROLS	FINISH
TOVE	27 2700K	80 RA80	DC24 DC 24V (std)	S47 Ø4.73" · 1 way · 3W	B15 15°	FS Surface	N Non-dimmable	WH White
	30 3000K	90 RA90	DC12 DC 12V	D47 Ø4.73" · 2 way · 2x2W	B25 25°	IG Inground sleeve	DT TRIAC	BK Black
	35 3500K	97 RA97	U AC 100- 277V	S59 Ø5.9" · 1 way · 4W	B30 30°	JP J-box plate	DV 0/1-10V	GY Grey
	40 4000K		AC220 AC 220-240V	D59 Ø5.9" · 2 way · 2x4W	B45 45°	SP Spike*	DA DALI	AGY Dark Grey
	50 5000K		AC110 AC 110-130V	Q59 Ø5.9" · 4 way · 4x2W	B60 60°		DX DMX512	BR Brass
	65 6500K				B90 90°		DP PWM	CC Custom RAL
	TW Tunable White				B120 120°		ZB Zigbee	
	RGB				BV1545 15 × 45°		BT Bluetooth	
	RGBW				BV1560 15 × 60°		RF 2.4G RF	
	RGBA				BV3070 30 × 70°			
					DF Diffuse 120°			
					BGL Louvre			

* Spike mount (SP) requires a stem length — 6.3" standard, or 8.3 / 10.5 / 15.8 / 19.7 / 23.7".

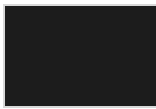
Build Your Order Code — example values shown in grey

MODEL	CCT	CRI	VOLTAGE	CONFIG	DISTRIBUTION	MOUNTING	CONTROLS	FINISH
TOVE	30	90	DC24	S59	B30	FS	N	BK

FINISHES



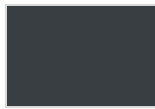
WH
White (RAL9010)



BK
Black (RAL9005)



GY
Grey (RAL7042)



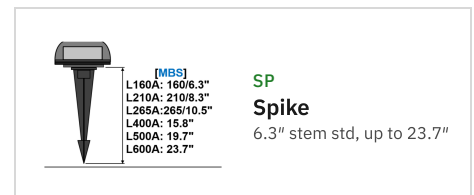
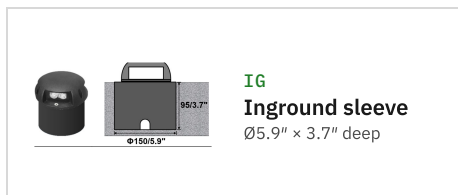
AGY
Dark Grey
(RAL7016)



BR
Brass (RAL1024)

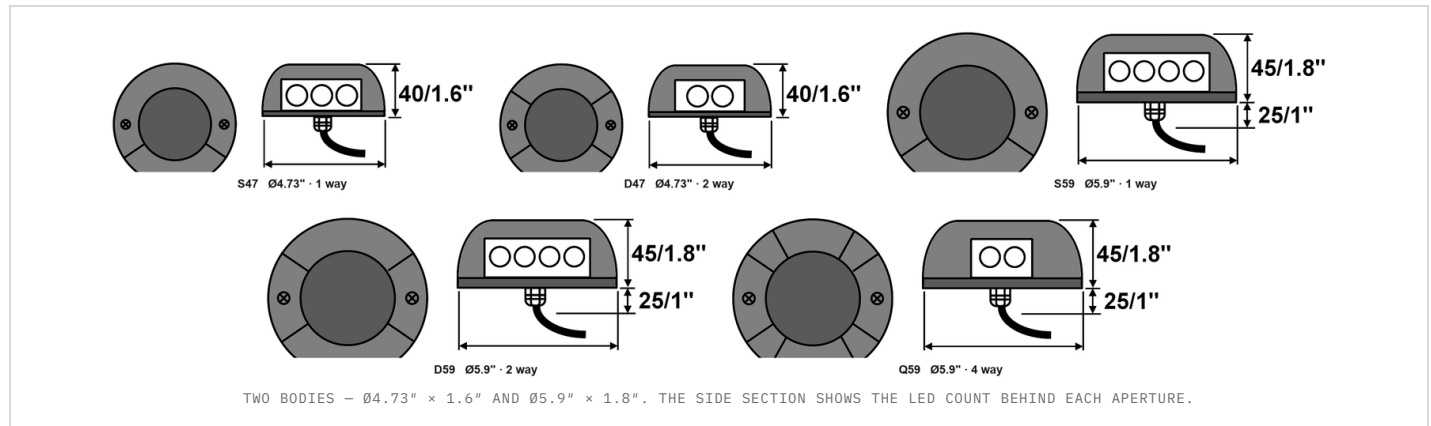
MOUNTING OPTIONS

Mounts direct to a flat surface (FS) with no accessory.



DIMENSIONS

CONFIG	BODY Ø	HEIGHT	LIGHT EXITS	OUTPUT
S47	Ø4.73" (120 mm)	1.6" (40 mm)	1 way	3W
D47	Ø4.73" (120 mm)	1.6" (40 mm)	2 ways	2 × 2W
S59	Ø5.9" (150 mm)	1.8" (45 mm)	1 way	4W
D59	Ø5.9" (150 mm)	1.8" (45 mm)	2 ways	2 × 4W
Q59	Ø5.9" (150 mm)	1.8" (45 mm)	4 ways	4 × 2W



PHOTOMETRY

DELIVERED LUMENS — WHITE, RA90

Optic	CCT	S47 3W	D47 2×2W	S59 4W	D59 2×4W	Q59 4×2W
White (RA90)	2700K	230 lm	300 lm	310 lm	620 lm	600 lm
	3000K	250 lm	320 lm	330 lm	660 lm	640 lm
	3500K	250 lm	320 lm	330 lm	660 lm	640 lm
	4000K	260 lm	360 lm	350 lm	700 lm	720 lm
	5000K	260 lm	360 lm	350 lm	700 lm	720 lm
	6500K	255 lm	340 lm	340 lm	680 lm	680 lm

Nominal delivered lumens at RA90; tolerance ±10% at 25°C. Multi-way totals are the sum of every aperture — the dual-way and four-way builds split their output between exits.

DELIVERED LUMENS — TUNABLE WHITE & COLOUR

Mode	Output	S47 3W	D47 2×2W	S59 4W	D59 2×4W	Q59 4×2W
TW Tunable White	Delivered	150 lm	200 lm	200 lm	400 lm	400 lm
RGB	Delivered	150 lm	200 lm	200 lm	400 lm	400 lm
RGBW	Delivered	150 lm	200 lm	200 lm	400 lm	400 lm
RGBA	Delivered	150 lm	200 lm	200 lm	400 lm	400 lm

Tunable White spans 2700K–6500K. RGB 620 / 520 / 455 nm; RGBW adds 2700K white, RGBA a 590 nm amber. Totals at full output.

DISTRIBUTION Symmetric 15 / 25 / 30 / 45 / 60 / 90 / 120° · Oval 15×45 / 15×60 / 30×70° · Diffuse 120° **EFFICACY** —

IES FILE On request