

TOVE

Surface-Mount Step Light

A low-profile surface-mounted step light that provides illumination at ground level without requiring a recessed opening. Available with one, two, or four apertures, with optical distributions from 15° spot to 120° flood, plus three oval options. Operates on 24V DC standard and can be surface mounted directly or installed with a ground spike, inground sleeve, or 4" junction 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)
BEAM ANGLE	Symmetric 15 / 25 / 30 / 45 / 60 / 90 / 120° · Oval 15×45 / 15×60 / 30×70° · Diffuse 120° · louver available
LED SOURCE	GUBO
WATTAGE	3W / 4W / 8W total · split across 1, 2 or 4 apertures
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 / 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.

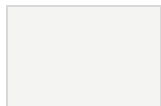
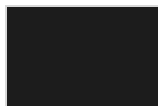
MODEL	SIZE	WAYS	CCT	CRI	VOLTAGE	BEAM	MOUNTING	CONTROLS	OPTIONS	FINISH
TOVE	47 Ø4.73"	1 1 way · 3W	27 2700K	90 RA90 (standard) 80 RA80 97 RA97	DC24 DC 24V (standard)	15 15°	FM Surface (standard)	N Non- dimming (standard)	LV Louver [‡]	WH White
			30 3000K			25 25°				BK Black
			35 3500K			30 30°				GY Grey
			40 4000K			45 45°				
	59 Ø5.9"	1 1 way · 4W	50 5000K	U AC 100– 277V AC220 AC 220–240V AC110 AC 110–130V	60 60°	JB J-box plate SP Spike [*]	DA DALI DX DMX512 DP PWM ZB Zigbee BT Bluetooth RF 2.4G RF		AGY Dark Grey	
			65 6500K		90 90°				BR Brass	
			TW Tunable White		120 120°				CC Custom RAL	
			RGB		0V1545 15° x 45° oval					
			RGBW		0V1560 15° x 60° oval					
			RGBA		0V3070 30° x 70° oval					
					DF Diffuse 120° [‡]					

* The diffuser and the louver each reduce delivered output by about 20%. * 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	SIZE	WAYS	CCT	CRI	VOLTAGE	BEAM	MOUNTING	CONTROLS	OPTIONS	FINISH
TOVE	59	2	30	90	DC24	30	FM	N		BK

FINISHES

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

CONFIGURATIONS

Four-way is offered on size 59 only.



47 S 1 way · 3W



47 D 2 way · 4W



59 S 1 way · 4W



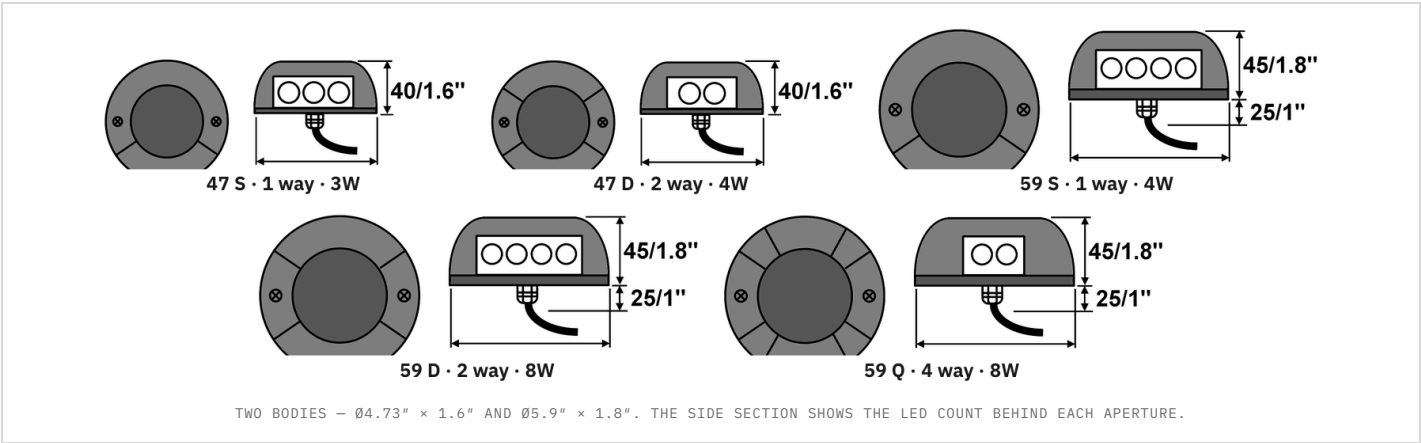
59 D 2 way · 8W



59 Q 4 way · 8W

DIMENSIONS

SIZE	BODY Ø	HEIGHT	WAYS
47	Ø4.73" (120 mm)	1.6" (40 mm)	1 or 2
59	Ø5.9" (150 mm)	1.8" (45 mm)	1, 2 or 4



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

IG
Inground sleeve
Ø5.9" × 3.7" deep

JP
J-box plate
Fits a 4" J-box

SP
Spike
6.3" stem std, up to 23.7"

PHOTOMETRY

DELIVERED LUMENS – WHITE, RA90

Optic	CCT	47 S • 3W	47 D • 4W (2 × 2W)	59 S • 4W	59 D • 8W (2 × 4W)	59 Q • 8W (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 $\pm 10\%$ 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	47 S • 3W	47 D • 4W (2 × 2W)	59 S • 4W	59 D • 8W (2 × 4W)	59 Q • 8W (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.

Beam Angle Symmetric 15 / 25 / 30 / 45 / 60 / 90 / 120° • Oval 15×45 / 15×60 / 30×70° • Diffuse 120° • louver available

Efficacy – **CRI** RA90 (RA80 / RA97 optional) **IES File** On request