

# ECHO

## STEP LIGHT SERIES

A series of step lights designed to illuminate steps on staircases or walkways. Echo series luminaires are available in 4 different design variants to suit different aesthetic requirements.



### Fixture Features

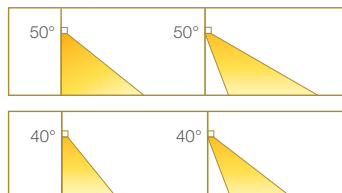


IP65

### Module Colour Temperature Variation



Beam Angle



### Driver Dimming Variation



(ND)








### Input

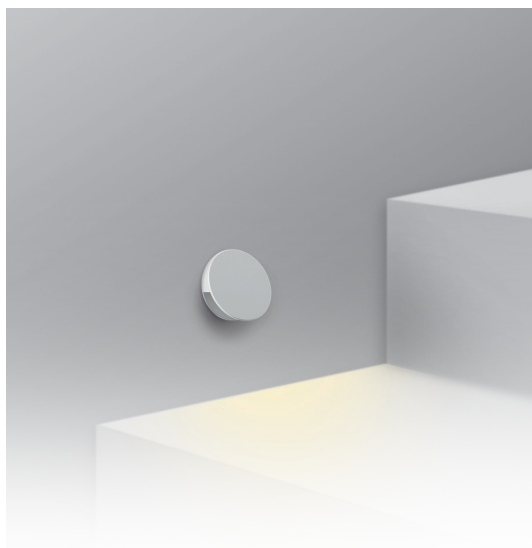


(24V)

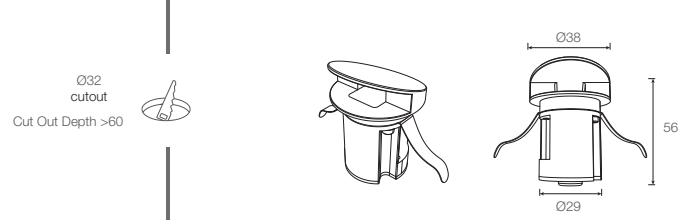
# ECHO ROUND 65

1.5W MINI STEP LIGHT

<b>AVAILABLE OPTIONS</b>	
<b>FIXTURE</b> COLOUR OPTIONS	Trim Colour Options
	SILVER ANODIZED 
<b>LED MODULE</b>	SINGLE CCT
	 2700K  3000K  4000K 
<b>INPUT</b>	 24V (24V)
<b>DRIVER</b> DIMMING	 (ND) <p><small>*24V drivers are not included and are sold separately</small></p>



### DIMENSIONS (MM)



SPECIFICATIONS

Family Type	Echo Series
Input Voltage	24V DC Constant Voltage
Input Power	1.5W
Lifetime	50,000 hours (80% lumen maintenance at Ta = 25°C), B10
Beam Angles	40°
Colour Temperatures	2700K, 3000K, 4000K
CRI	High Efficiency (CRI~85)
SDCM	3 steps MacAdam ellipse binning

Driver (Dimming)	Non-dimmable
Materials	Aluminium, plastic
Ingress Protection	IP65
Regulatory Markings	CE, RoHS
Weight	0.05g

PHOTOMETRICS

ECHO ROUND

Meter		Emax (lx)	ECHO ROUND		Luminous Flux (lm)
			Input Power	CRI	3000K
		40°			40°
1	E (62°)	49	1.5W	High Efficiency CRI-85	36
2	E (62°)	12			
3	E (62°)	5			
4	E (62°)	3			
5	E (62°)	2			

Data are based on 3000K (ProART CRI-95). Nominal data of 2700K and 3500K are shared with 3000K. Higher CCT of 4000K and 5000K will have a nominal data value of 5% higher than published. (f = 1.05)  
Nominal CRI-85, equals to Ra>80-87, R9>0

ORDERING MATRIX CHART

Type	Fixture		LED Module							
	Colour		LED Power		Beam Angle		Colour Temp		CRI	
<b>ECHO-ROUND</b>	SA	Silver Anodized	1	1.5W	40	40°	27	2700K	HE	Ra~85
							30	3000K		
							40	4000K		

example: ECHO-ROUND.SA.1.40.27.HE  
 \*Drivers for ECHO Series are sold separately.