



KEY FEATURES

- Beam Options: 12 | 30
- Light Engine Performance: 160lm | 2.24W
- Movement: 360 Pan | 180 Tilt
- Tool-less field changeable optics
- Fully lockable in Pan & Tilt
- UK Part L1 / L2 (Display) Compliant



OVERVIEW

Pico Zoom is a Constant Current single source LED spotlight that is machined from aerospace grade aluminium 6063-T6 and comes as standard in white, black and brushed aluminium. It has a tool-less mechanical zoom for ultimate flexibility post installation and is fully adjustable with lockable 360° pan and 180° tilt. Our 160lm | 2.24W light engine has a max peak intensity of 1276cd.

PERFORMANCE

	Standard	
	Z. Narrow	Z. Wide
FWHM	12°	30°
Luminous Flux	160 lm	160 lm
Peak Intensity	1276 cd	466 cd
CCT	2700K 3000K	
CRI Min.	95 95	
LED Current	0.700 A	
Voltage	3.2 V	
Input Wattage	2.24 W	
Efficacy	71.4 lm/W	
Driver Type	Constant Current Remote	
Class	SELV Class III	

ORDER CODE

Model	Type	Shape	Output	CCT	Beam Angle	Finish
PIC Pico	SP Surface Plate	ZH Zoom Holder	SO Standard Output	27K 2700K 30K 3000K	ZO Zoom 12-30°	WH White BK Black AL Br. Aluminium RBZ Rubbed Bronze BR Br. Brass PB Polished Brass

Example code: PIC-SP-ZH-SO-27K-ZO-WH

See Drivers, Power Supplies and Accessories sections for further order codes

LIGHT ENGINE SELECTION

This product is available with a single static white light engine option outlined below.

STANDARD
OUTPUT

Our standard output light engines embody Precision's commitment to excellence, delivering high CRI, efficient performance, and clean, well-defined beams.

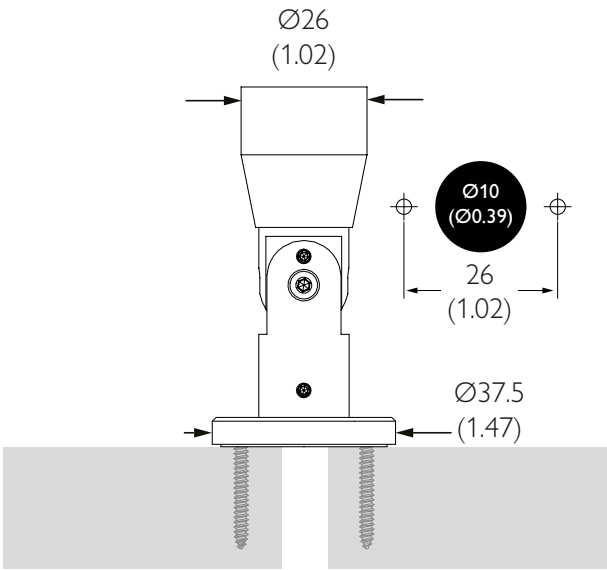
- High CRI
- Crisp clean beams

LIFETIME & ENVIRONMENTAL

At Precision, we design and engineer our products with longevity in mind. Many of the components that make up our light fixtures are both modular and re-usable, making it possible to service and repair them throughout their life in service. Once our products reach the end of their useful life, it is possible to re-work and renew them in to a new product. We prioritise the use of recyclable materials in both our products and packaging, and encourage our customers to engage responsibly in the correct disposal of any materials we supply.

CIBSE TM65	7.6 Kg/CO2e	UK PART L	
CIBSE TM66	2.4	Part L1A / L1B (Dwellings)	Compliant 164 lm/W Source lm (367 lm) / Source W (2.24 W)
RoHS Compliance	Yes	Part L2A (General)	-
REACH Compliance	Yes	Part L2A (Display)	Compliant 164 lm/W Source lm (367 lm) / Source W (2.24 W)
WEEE Compliance	Yes - Registered Producer		
Declare	Declared		
Lifetime	L90B10 100,000hrs		
Warranty	5 Years		

DIMENSIONS



MECHANICAL

Location	IP20 Indoor Dry Location Only	Cutout	N/A
Mounting	Screw Fixing	Ceiling Thickness	N/A
Adjustability	360 Pan 180 Tilt	Product Class	SELV Class III
Lockable	Pan & Tilt	Material	Machined AL 6063-T6
Accessories	Snoots	Weight	62g 0.14lb

FINISHES



20W | 0-10V | Remote | Constant Current

Input Voltage	230VAC 50/60 Hz
Driver Type	Remote Constant Current
Location	IP20 Indoor Location Only
Dimming Control	0-10V
Min. Dim Level	0.1%
Flicker	IEEE P1789 Compatible No Observable Effect
Wiring Distance	16 AWG - 36m (118') 18 AWG 22m (72')



	All CCT's		L	W	H
Max. Lights	1 to 8 in series	mm	160	41	30
Order Code	PSCC-20-700-A-EL	in	6.3	1.61	1.18

20W | DALI-2 | Remote | Constant Current

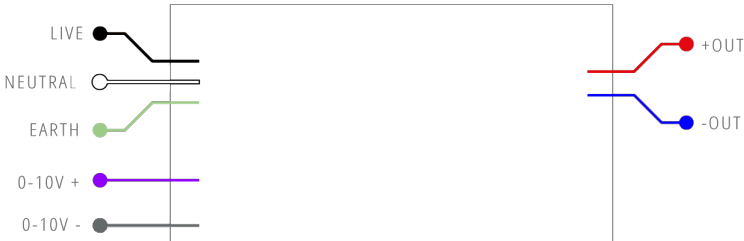
Input Voltage	230VAC 50/60 Hz
Driver Type	Remote Constant Current
Location	IP20 Indoor Location Only
Dimming Control	DALI-2
Min. Dim Level	0.1%
Flicker	IEEE P1789 Compatible No Observable Effect
Wiring Distance	16 AWG - 36m (118') 18 AWG 22m (72')



	All CCT's		L	W	H
Max. Lights	1 to 8 in series	mm	160	41	30
Order Code	PSCC-20-700-D-EL	in	6.3	1.61	1.18

30W | 0-10V | Remote | Constant Current

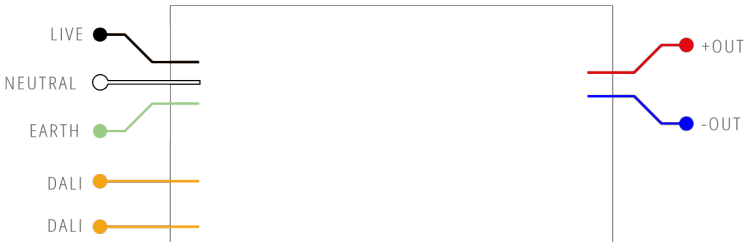
Input Voltage	120-277V 50/60 Hz
Driver Type	Remote Constant Current
Location	IP20 Indoor Location Only
Dimming Control	0-10V
Min. Dim Level	0.1%
Flicker	IEEE P1789 Compatible No Observable Effect
Wiring Distance	16 AWG - 36m (118') 18 AWG 22m (72')



	All CCT's		L	W	H
Max. Lights	1 to 12 in series	mm	348	65	47
Order Code	USCC-30-700-A-EL-ENC	in	13.7	2.56	1.85

30W | DALI-2 | Remote | Constant Current

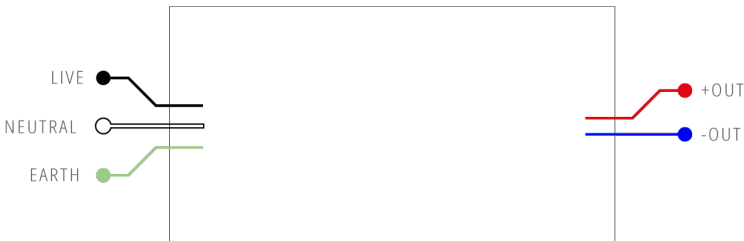
Input Voltage	120-277V 50/60 Hz
Driver Type	Remote Constant Current
Location	IP20 Indoor Location Only
Dimming Control	DALI-2
Min. Dim Level	0.1%
Flicker	IEEE P1789 Compatible No Observable Effect
Wiring Distance	16 AWG - 36m (118') 18 AWG 22m (72')



	All CCT's		L	W	H
Max. Lights	1 to 12 in series	mm	348	65	47
Order Code	USCC-30-700-D-EL-ENC	in	13.7	2.56	1.85

12W | Phase | Remote | Constant Current

Input Voltage	120V 50/60Hz
Driver Type	Remote Constant Current
Location	IP20 Indoor Location Only
Dimming Control	Phase
Min. Dim Level	1.0%
Flicker	IEEE P1789 Compatible No Observable Effect
Wiring Distance	16 AWG - 14m (46') 18 AWG 9m (30')



	All CCT's		L	W	H
Max. Lights	2 to 5 in series	mm	247	65	47
Order Code	USCC-12-700-P-HT-ENC	in	9.72	2.56	1.85

OUTPUT SCALING

CCT	Output Multiplier	CRI	R9 Typ.	TM-30: Rf	TM-30: Rg	Max Lm
2400K	-	-	-	-	-	-
2700K	1.00	95	65	90	98	160
3000K	1.00	95	65	90	99	160
3500K	-	-	-	-	-	-
4000K	-	-	-	-	-	-

Colour Consistency: 3 SDCM

PHOTOMETRY

ZOOM NARROW

FWHM	12°
Delivered Flux	160 lm
Peak Intensity	1276 cd

0.21m	1276lx	142fc	0.6'
1m			3'
0.42m	319lx	35fc	1.3'
2m			6'
0.63m	142lx	16fc	1.9'
3m			9'
0.84m	80lx	9fc	2.5'
4m			12'
1.05m	51lx	6fc	3.2'
5m			15'
		4fc	3.8'
			18'

ZOOM WIDE

FWHM	30°
Delivered Flux	160 lm
Peak Intensity	466 cd

0.54m	466lx	52fc	1.6'
1m			3'
1.07m	117lx	13fc	3.2'
2m			6'
1.61m	52lx	6fc	4.8'
3m			9'
2.14m	29lx	3fc	6.4'
4m			12'
2.68m	19lx	2fc	8.0'
5m			15'
		1fc	9.6'
			18'

OPTICS

The Pico Zoom does not have physically interchangeable optics, beam is controlled via an inbuilt twist mechanism

ACCESSORIES

This product does not accomodate accessories, if required the Pico Plus Accessory Holder should be used with fixed optics.

MINIPOINT JACK SYSTEM

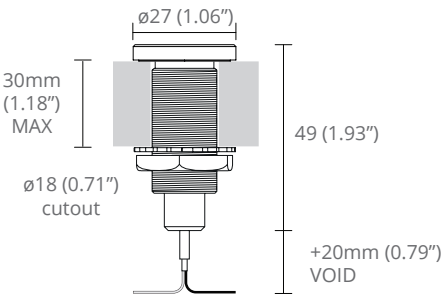
MOUNTING OPTIONS

MOUNTING OPTIONS

NODE MINIPOINT

For mounting into cabinetry

MINIPOINT CODE	FINISH
770-M-A-DC-AL	Brushed Aluminium
770-M-A-DC-WH	White RAL 9010
770-M-A-DC-EBA	Black RAL 9005
770-M-A-DC-AL	Rubbed Bronze
770-M-A-DC-AL	Polished Brass
770-M-A-DC-AL	Brushed Brass



MINIPOINT PLUG

For closing an open circuit / unused minipoint

MINIPOINT CODE	FINISH
770-BPA-AL	Brushed Aluminium
770-BPA-WH	White RAL 9010
770-BPA-EBA	Black RAL 9005
770-BPA-RB	Rubbed Bronze
770-BPA-PB	Polished Brass
770-BPA-SB	Brushed Brass

