

PICO S JACK

PRODUCT OVERVIEW SHORT SNOOT | LONG SNOOT | PLUS ACCESSORY

STANDARD LIGHT ENGINE



KEY FEATURES

- Beam Options: 12 | 30 | 60
- Light Engine Performance: 164lm | 2.24W
- Movement: 360 Pan | 180 Tilt
- Tool-less field changeable optics
- Works with our Minipoint system
- Fully lockable in Pan & Tilt
- UK Part L1 / L2 (Display) Compliant



OVERVIEW

Pico S Jack 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 three site-changeable optics for flexible beam distribution and is fully adjustable with lockable 360° pan and 180° tilt. Our 164lm | 2.24W light engine has a max peak intensity of 1566cd. There are 3 snoot options, Short, Long and the Plus Accessory Holder. The luminaire is compatible with our Minipoint system that enables a plug and play setup where luminaires can be swapped to suit changing lighting requirements.

PERFORMANCE

	Standard		
	Narrow	Medium	Flood
FWHM	12°	30°	60°
Luminous Flux	164 lm	150 lm	163 lm
Peak Intensity	1566 cd	470 cd	163 cd
CCT	2700K 3000K		
CRI Min.	95 95		
LED Current	0.700 A		
Voltage	3.2 V		
Input Wattage	2.24 W		
Efficacy	73.2 lm/W		
Driver Type	Constant Current Remote		
Class	SELV Class III		

ORDER CODE

Model	Type	Shape	Output	CCT	Beam Angle	Finish
PICS <i>Pico S</i>	MI <i>Minipoint Jack¹</i>	SN <i>Short Snoot</i>	SO <i>Standard Output</i>	27K <i>2700K</i>	NR <i>Narrow 12°</i>	WH <i>White</i>
	NMI <i>w/Node Minipoint</i>	LN <i>Long Snoot</i>		30K <i>3000K</i>	ME <i>Medium 30°</i>	BK <i>Black</i>
	SMI <i>w/Surface Minipoint</i>	AH <i>Accessory Holder</i>			WD <i>Wide 60°</i>	AL <i>Br. Aluminium</i>
						RBZ <i>Rubbed Bronze</i>
						BR <i>Br. Brass</i>
						PB <i>Polished Brass</i>

Example code: PICS-MI-SN-SO-27K-NR-WH

¹ MI type requires separate minipoint mounting point to be ordered
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.

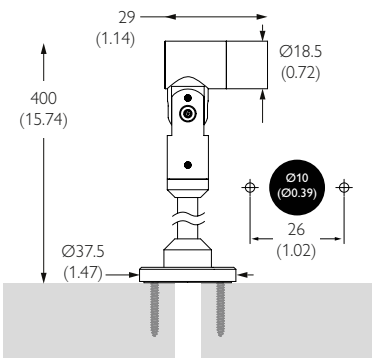
- High CRI
- Crisp clean beams

LIFETIME & ENVIRONMENTAL

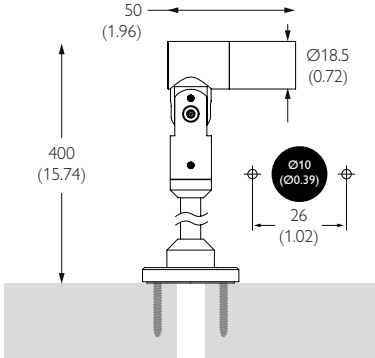
At Precision, we design and engineer our products with longevity in mind. Many of the components that make up our light fixtures are both modular and re-usable, making it possible to service and repair them throughout their life in service. Once our products reach the end of their useful life, it is 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	9.3 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		

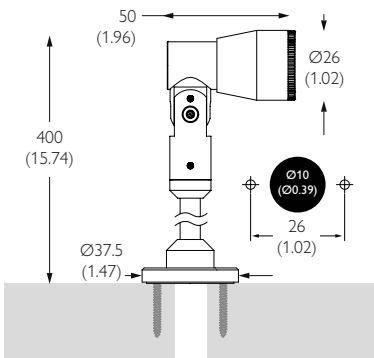
DIMENSIONS



PICO S
SHORT SNOOT



PICO S
LONG SNOOT



PICO S
PLUS ACCESSORY HOLDER

MECHANICAL

Location	IP20 Indoor Dry Location Only	Cutout	ø18mm (0.71") minipoint
Mounting	Minipoints	Ceiling Thickness	30mm (1.18") max
Adjustability	360 Pan 180 Tilt	Product Class	SELV Class III
Lockable	Pan & Tilt	Material	Machined AL 6063-T6
Accessories	Snoots	Weight	120g 0.26lb

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

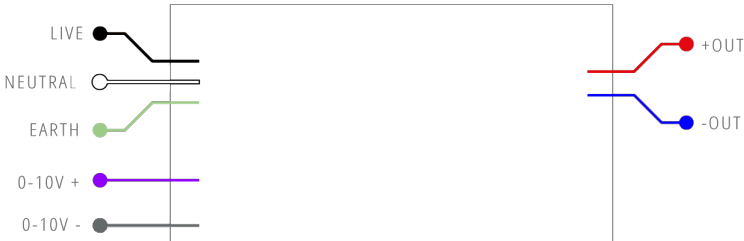
Input Voltage	230VAC 50/60 Hz
Driver Type	Remote Constant Current
Location	IP20 Indoor Location Only
Dimming Control	DALI-2
Min. Dim Level	0.1%
Flicker	IEEE P1789 Compatible No Observable Effect
Wiring Distance	16 AWG - 36m (118') 18 AWG 22m (72')



	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

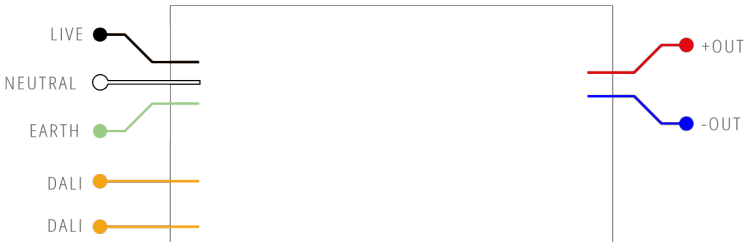
Input Voltage	120-277V 50/60 Hz
Driver Type	Remote Constant Current
Location	IP20 Indoor Location Only
Dimming Control	0-10V
Min. Dim Level	0.1%
Flicker	IEEE P1789 Compatible No Observable Effect
Wiring Distance	16 AWG - 36m (118') 18 AWG 22m (72')



	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%
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	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

OUTPUT SCALING

CCT	Output Multiplier	CRI	R9 Typ.	TM-30: Rf	TM-30: Rg	Max Lm
2400K	-	-	-	-	-	-
2700K	1.00	95	65	90	98	164
3000K	1.00	95	65	90	99	164
3500K	-	-	-	-	-	-
4000K	-	-	-	-	-	-

Colour Consistency: 3 SDCM

PHOTOMETRY

NARROW

FWHM

12°

Delivered Flux

164 lm

Peak Intensity

1566 cd

Cd: 0

267

533

800

1067

1333

1600

90°

80°

70°

60°

50°

40°

0.21m

1m

0.42m

2m

0.63m

3m

0.84m

4m

1.05m

5m

1566lx

392lx

174lx

98lx

63lx

174fc

44fc

19fc

11fc

7fc

5fc

0.6'

3'

1.3'

6'

1.9'

9'

2.5'

12'

3.2'

15'

3.8'

18'

MEDIUM

FWHM

30°

Delivered Flux

150 lm

Peak Intensity

470 cd

Cd: 0

83

167

250

333

417

500

90°

80°

70°

60°

50°

40°

0.54m

1m

1.07m

2m

1.61m

3m

2.14m

4m

2.68m

5m

470lx

118lx

52lx

29lx

19lx

52fc

13fc

6fc

3fc

2fc

1fc

1.6'

3'

3.2'

6'

4.8'

9'

6.4'

12'

8.0'

15'

9.6'

18'

FLOOD

FWHM

60°

Delivered Flux

163 lm

Peak Intensity

163 cd

Cd: 0

33

67

100

133

167

200

90°

80°

70°

60°

50°

40°

1.15m

1m

2.31m

2m

3.46m

3m

4.62m

4m

5.77m

5m

163lx

41lx

18lx

10lx

7lx

18fc

5fc

2fc

1fc

1fc

1fc

3.5'

3'

6.9'

6'

10.4'

9'

13.9'

12'

17.3'

15'

20.8'

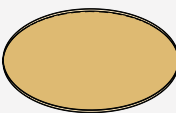
OPTICS

There are 3 interchangeable optics

Optic	Optic	Optic
		
Narrow TIR Optic FWHM 12 deg Order Code 701-12	Medium TIR Optic FWHM 30 deg Order Code 701-30	Wide TIR Optic FWHM 60 deg Order Code 701-60

ACCESSORIES

This product requires the Pico Plus Accessory Holder to carry accessories. Accessories are pre-installed unless otherwise requested.

Colour Change

1/4 CTO W20xH1.8mm W0.79xH0.07" Order Code 997-1/4CTO-20

MINIPOINT JACK SYSTEM

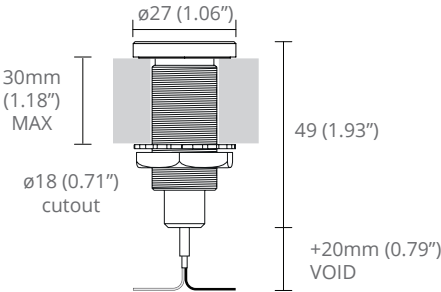
MOUNTING OPTIONS

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

