



KEY FEATURES

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

RoHS

Declare

ETL

UK CA

CE

OVERVIEW

Pico 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.

	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

PIC Pico

SP Surface Plate

SN Short Snoot

SO Standard Output

27K 2700K

NR Narrow 12°

WH White

LN Long Snoot

30K 3000K

ME Medium 30°

BK Black

AH Accessory Holder

WD Wide 60°

AL Br. Aluminium

RBZ Rubbed Bronze

BR Br. Brass

PB Polished Brass

Example code: PIC-SP-SN-SO-27K-NR-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.

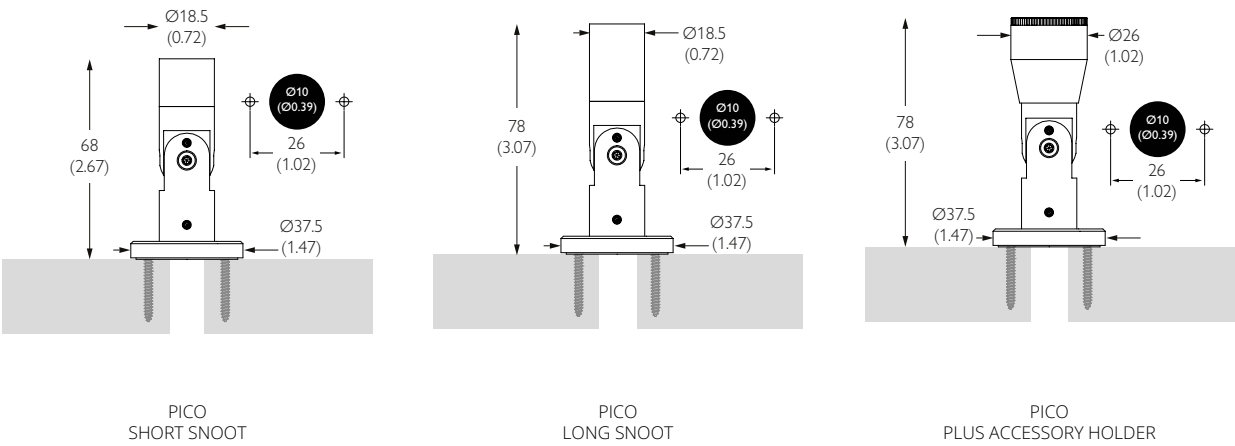
- High CRI
- Crisp clean beams

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	7.16 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	47g 0.10lb

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

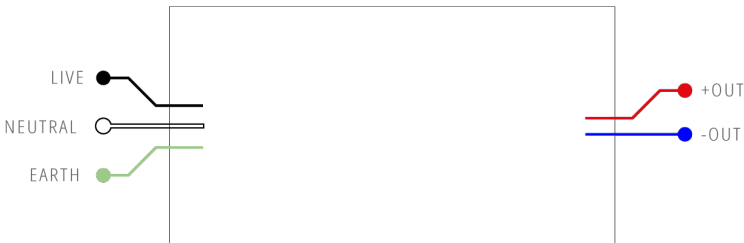
Input Voltage	120-277V 50/60 Hz
Driver Type	Remote Constant Current
Location	IP20 Indoor Location Only
Dimming Control	DALI-2
Min. Dim Level	0.1%
Flicker	IEEE P1789 Compatible No Observable Effect
Wiring Distance	16 AWG - 36m (118') 18 AWG 22m (72')



	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	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	1566lx	174fc	0.6'
1m		3'	
0.42m	392lx	44fc	1.3'
2m		6'	
0.63m	174lx	19fc	1.9'
3m		9'	
0.84m	98lx	11fc	2.5'
4m		12'	
1.05m	63lx	7fc	3.2'
5m		15'	
		5fc	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	470lx	52fc	1.6'
1m		3'	
1.07m	118lx	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'

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	163lx	18fc	3.5'
1m		3'	
2.31m	41lx	5fc	6.9'
2m		6'	
3.46m	18lx	2fc	10.4'
3m		9'	
4.62m	10lx	1fc	13.9'
4m		12'	
5.77m	7lx	1fc	17.3'
6m		15'	
		1fc	20.8'

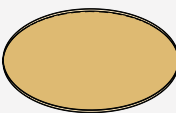
OPTICS

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