



KEY FEATURES

- Beam Options: 16 | 23 | 45 | 90
- Light Engine Performance: 94lm | 1.12W
- Movement: 360 Pan | 180 Tilt
- Micro-optics
- Tool-less field changeable optics
- UK Part L1 / L2 (Display) Compliant



OVERVIEW

Atto T 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 along with three premium brass finishes. It has four site-changeable optics for flexible beam distribution and is fully adjustable with lockable 360° pan and 180° tilt. Our 94lm | 1.12W light engine has a max peak intensity of 794cd.

PERFORMANCE

	Standard			
	Narrow	Medium	Flood	W. Flood
FWHM	16°	23°	45°	90°
Luminous Flux	94 lm	92 lm	93 lm	69 lm
Peak Intensity	794 cd	359 cd	109 cd	26 cd
CCT	2700K 3000K			
CRI Min.	95 95			
LED Current	0.350 A			
Voltage	3.2 V			
Input Wattage	1.12 W			
Efficacy	83.9 lm/W			
Driver Type	Constant Current Remote			
Class	SELV Class III			

ORDER CODE

Model	Type	Output	CCT	Beam Angle	Finish
ATTT Atto T	SP Surface Plate ¹	SO Standard Output	27K 2700K	NR Narrow 16°	WH White
			30K 3000K	ME Medium 23°	BAK Black Anodised
				WD Wide 45°	AL Br. Aluminium
				UW Ultra Wide 90°	RBZ Rubbed Bronze
					BR Br. Brass
					PB Polished Brass

Example code: ATTT-SP-SO-30K-NR-AL

¹ SP type has both screw mount and through hole threaded stud with nut, if you require the removal of the threaded stud please enquire.
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

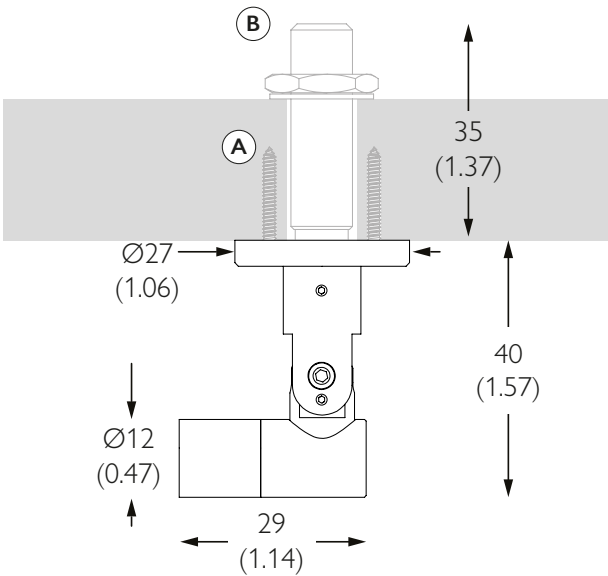
At Precision, we design and engineer our products with longevity in mind. Many of the components that make up our light fixtures are both modular and re-usable, making it possible to service and repair them throughout their life in service. Once our products reach the end of their useful life, it is 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	6.63 Kg/CO2e
CIBSE TM66	2.4
RoHS Compliance	Yes
REACH Compliance	Yes
WEEE Compliance	Yes - Registered Producer
Declare	LBC Red List Approved
Lifetime	L90B10 100,000hrs
Warranty	5 Years

UK PART L	
Part L1A / L1B (Dwellings)	Compliant 164 lm/W ≥75 lm/W source lumens Source lm (184 lm) / Source W (1.12 W)
Part L2A (General)	- ≥95lm/W delivered lumens
Part L2A (Display)	Compliant 164 lm/W ≥80 lm/W source lumens Source lm (184 lm) / Source W (1.12 W)

DIMENSIONS

The threaded stud marked B can be removed on request.



MECHANICAL

Location	IP20 Indoor Dry Location Only	Cutout	ø10mm (0.39") clearance hole
Mounting	M10 / Screw Fixing	Ceiling Thickness	30mm (1.18") max
Adjustability	360 Pan 180 Tilt	Product Class	SELV Class III
Lockable	Pan & Tilt	Material	Machined AL 6063-T6 Machined Brass
Accessories	Snoots	Weight	29g 0.06lb

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 12 in series	mm	160	41	30
Order Code	PSCC-20-350-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 12 in series	mm	160	41	30
Order Code	PSCC-20-350-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 16 in series	mm	348	65	47
Order Code	USCC-30-350-A-EL-ENC	in	13.7	2.56	1.85

30W | DALI-2 | Remote | Constant Current

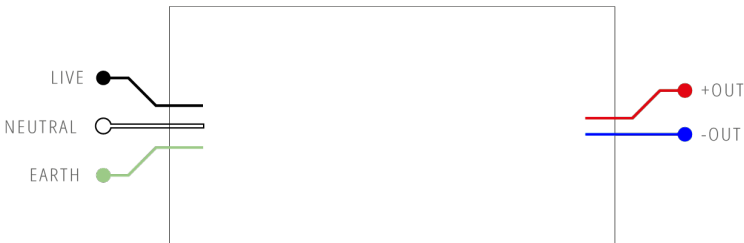
Input Voltage	120-277V 50/60 Hz
Driver Type	Remote Constant Current
Location	IP20 Indoor Location Only
Dimming Control	DALI-2
Min. Dim Level	0.1%
Flicker	IEEE P1789 Compatible No Observable Effect
Wiring Distance	16 AWG - 36m (118') 18 AWG 22m (72')



	All CCT's		L	W	H
Max. Lights	1 to 16 in series	mm	348	65	47
Order Code	USCC-30-350-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')



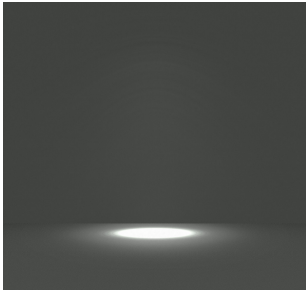
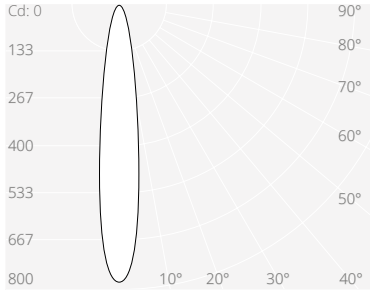
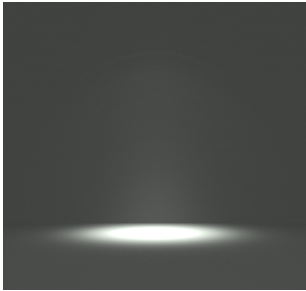
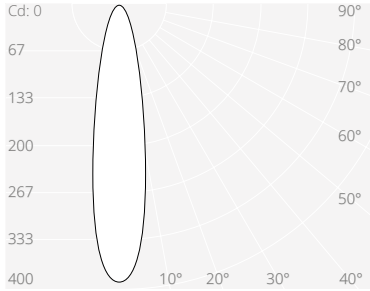
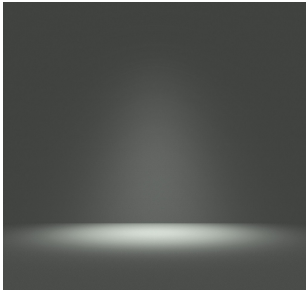
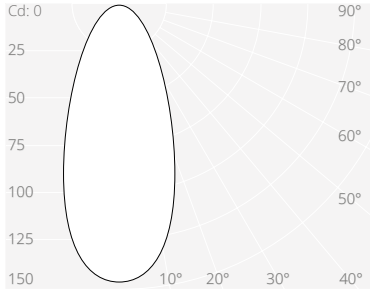
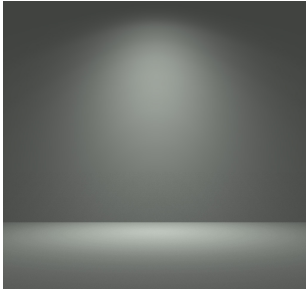
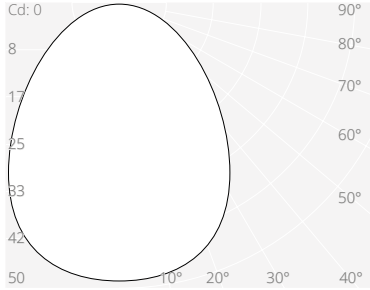
	All CCT's		L	W	H
Max. Lights	3 to 10 in series	mm	247	65	47
Order Code	USCC-12-350-P-HT-ENC	in	9.72	2.56	1.85

OUTPUT SCALING

CCT	Output Multiplier	CRI	R9 Typ.	TM-30: Rf	TM-30: Rg	Max Lm
2400K	-	-	-	-	-	-
2700K	1.00	95	65	90	98	94
3000K	1.00	95	65	90	99	94
3500K	-	-	-	-	-	-
4000K	-	-	-	-	-	-

Colour Consistency: 3 SDCM

PHOTOMETRY

NARROW FWHM Delivered Flux Peak Intensity 16° 94 lm 794 cd  Cd: 0 133 267 400 533 667 800  90° 80° 70° 60° 50° 40° 0.28m 1m 0.56m 2m 0.84m 3m 1.12m 4m 1.41m 5m 794lx 199lx 88lx 50lx 32lx 88fc 22fc 10fc 6fc 4fc 2fc 0.8' 3' 1.7' 6' 2.5' 9' 3.4' 12' 4.2' 15' 5.1' 18'	MEDIUM FWHM Delivered Flux Peak Intensity 23° 92 lm 359 cd  Cd: 0 67 133 200 267 333 400  90° 80° 70° 60° 50° 40° 0.41m 1m 0.81m 2m 1.22m 3m 1.63m 4m 2.03m 5m 359lx 90lx 40lx 22lx 14lx 40fc 10fc 4fc 2fc 1fc 1.2' 3' 2.4' 6' 3.7' 9' 4.9' 12' 6.1' 15' 7.3' 18'	FLOOD FWHM Delivered Flux Peak Intensity 45° 93 lm 109 cd  Cd: 0 25 50 75 100 125 150  90° 80° 70° 60° 50° 40° 0.83m 1m 1.66m 2m 2.49m 3m 3.31m 4m 4.14m 5m 109lx 27lx 12lx 7lx 4lx 12fc 3fc 1fc 1fc 0fc 0fc 2.5' 3' 5.0' 6' 7.5' 9' 9.9' 12' 12.4' 15' 14.9' 18'	WIDE FLOOD FWHM Delivered Flux Peak Intensity 90° 69 lm 26 cd  Cd: 0 8 17 25 33 42 50  90° 80° 70° 60° 50° 40° 2.00m 1m 4.00m 2m 6.00m 3m 8.00m 4m 10.00m 5m 26lx 7lx 3lx 2lx 1lx 3fc 1fc 0fc 0fc 0fc 0fc 6.0' 3' 12.0' 6' 18.0' 9' 24.0' 30.0' 36.0'
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OPTICS

There are 4 interchangeable optics

Optic	Optic	Optic	Optic
			
Narrow TIR Optic FWHM 16 deg	Medium TIR Optic FWHM 23 deg	Wide TIR Optic FWHM 45 deg	Ultra Wide TIR Optic FWHM 90 deg
Order Code 760-16	Order Code 760-23	Order Code 760-45	Order Code 760-90

ACCESSORIES

This product does not have a standard accessory holder, if required please contact us for modification opportunities.