



KEY FEATURES

- Beam Options: 16 | 23 | 45 | 90
- Light Engine Performance: 94lm | 1.12W
- Movement: 360 Pan | ±45 Tilt
- Tool-less field changeable optics
- Modular stacking product
- Works with our Minipoint system
- UK Part L1 / L2 (Display) Compliant



OVERVIEW

Stacko Aim is a Constant Current miniature display lighting product. It has four beam distributions and is a part of the modular Stacko Collection allowing users to 'stack' products together to create unique lighting set-ups that comes as standard in white,black and brushed aluminium. There are up to 3 light engines each 94lm | 1.12W. Our 94lm | 1.12W light engine has a max peak intensity of 794cd. The 'End' module closes the circuit and does not accept further modules. There can only be a maximum of 10 light engines per Stacko circuit or driver. 'Mid' modules can be used as mid sections of a stack.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	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	Function	Light Engines	Output	CCT	Beam Angle	Finish
STKA Stacko Aim	MI Minipoint Jack ¹	EN End	1 Single-Aim	SO Standard Output	27K 2700K	NR Narrow 16°	WH White
	NMI w/Node Minipoint	MD Mid	3 Multi-Aim		30K 3000K	ME Medium 23°	BAK Black Anodised
	SMI w/Surface Minipoint					WD Wide 45°	AL Br. Aluminium
						UW Ultra Wide 90°	RBZ Rubbed Bronze
							BR Br. Brass
							PB Polished Brass

Example code: STKA-MI-EN-1-SO-27K-NR-WH

¹ MI type requires separate minipoint mounting point
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

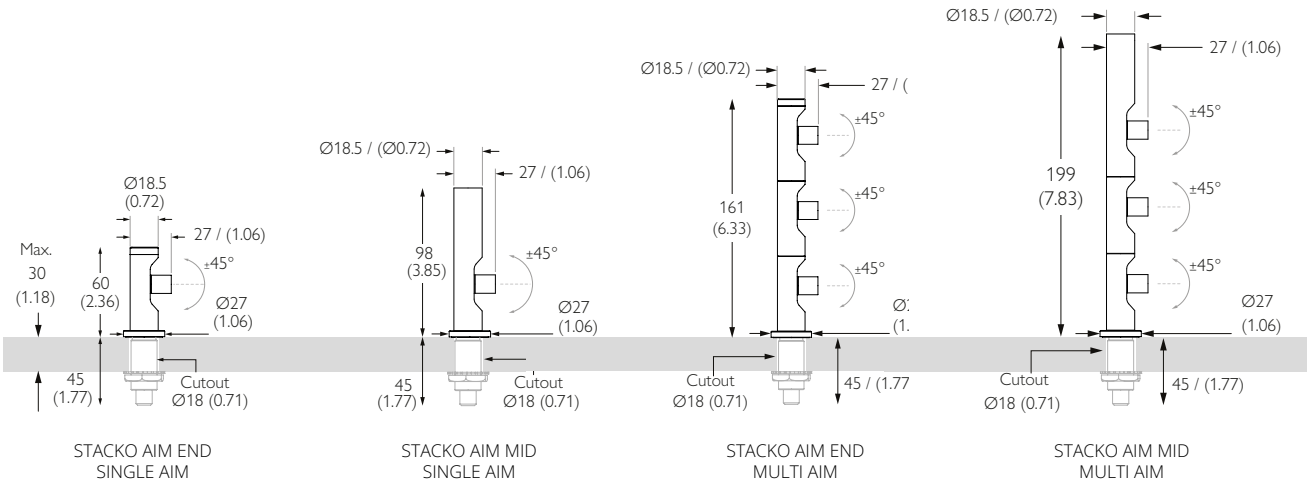
LIFETIME & ENVIRONMENTAL

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	8.15 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



MECHANICAL

Location	IP20 Indoor Dry Location Only	Cutout	ø18mm (0.71") minipoint
Mounting	Minipoints	Ceiling Thickness	30mm (1.18") max
Adjustability	360 Pan ±45 Tilt	Product Class	SELV Class III
Lockable	N/A	Material	Machined AL 6063-T6 Machined Brass
Accessories	Snoots	Weight	81g 0.18lb

FINISHES



30W | 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 10 Light Engines	mm	210	41	34
Order Code	PSCC-30-350-A-EL	in	8.27	1.61	1.34

30W | 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 10 Light Engines	mm	210	41	34
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DRIVER GUIDE NOTES

Stacko has a varying number of light engines per product. There can only be a maximum of 10 light engines per Stacko circuit or driver. The Stacko range is compatible with our Minipoint system that enables a plug and play setup where luminaires can be swapped to suit changing lighting requirements.

Stacko Tilt Fixed End	3 Light engines
Stacko Tilt Fixed Mid	3 Light engines
Stacko Straight Fixed End	5 Light engines
Stacko Straight Fixed Mid	5 Light engines
Stacko Multi-Aim 3 End	3 Light engines
Stacko Multi-Aim 3 Mid	3 Light engines
Stacko Aim End	1 Light engine
Stacko Aim Mid	1 Light engine

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')



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Max. Lights	1 to 10 Light Engines	mm	348	65	47
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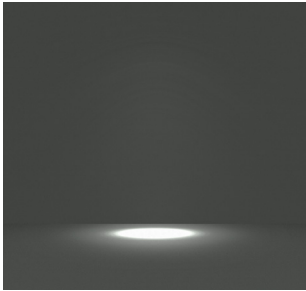
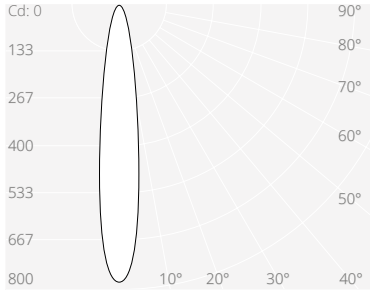
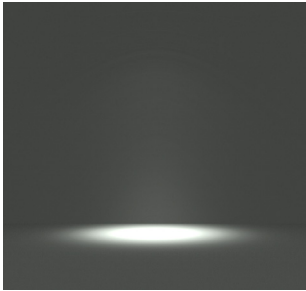
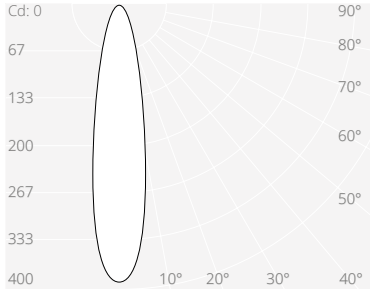
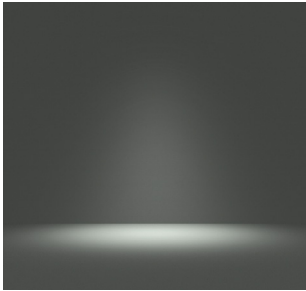
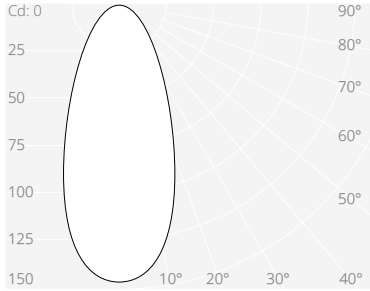
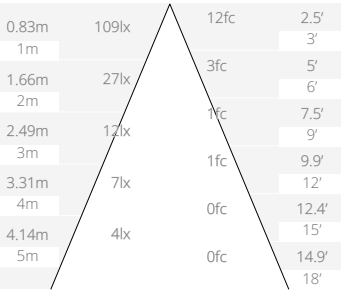
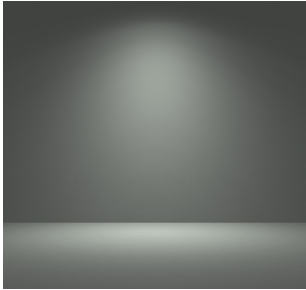
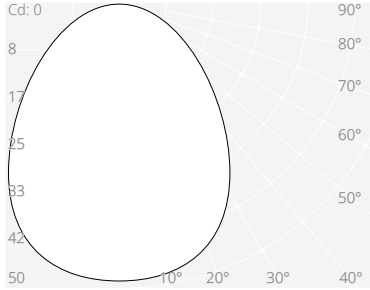
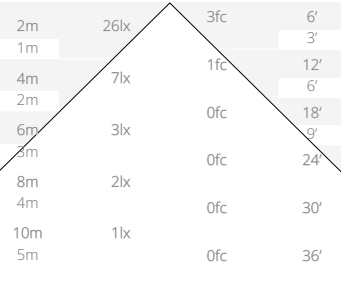
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OUTPUT SCALING

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	16°			
Delivered Flux	94 lm			
Peak Intensity	794 cd			
MEDIUM				
FWHM	23°			
Delivered Flux	92 lm			
Peak Intensity	359 cd			
FLOOD				
FWHM	45°			
Delivered Flux	93 lm			
Peak Intensity	109 cd			
WIDE FLOOD				
FWHM	90°			
Delivered Flux	69 lm			
Peak Intensity	26 cd			

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 interchangeable accessories, if required please contact us for modification opportunities