

# STACKO TILT FIXED



## KEY FEATURES

- Beam Options: 16 | 23 | 45 | 90
- Light Engine Performance: 282lm | 3.36W
- Micro-optics
- Modular stacking product
- Works with our Minipoint system
- UK Part L1 / L2 (Display) Compliant



## OVERVIEW

Stacko Tilt Fixed 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 3 light engines totalling 282lm | 3.36W. Our 282lm | 3.36W light engine has a max peak intensity of 2382cd. 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	282 lm	276 lm	279 lm	207 lm
Peak Intensity	2382 cd	1077 cd	327 cd	78 cd
CCT	2700K   3000K			
CRI Min.	95   95			
LED Current	0.350 A			
Voltage	9.6 V			
Input Wattage	3.36 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
<b>STKT</b> <i>Stacko Tilt</i>	<b>MI</b> <i>Minipoint Jack</i> <sup>1</sup>	<b>EN</b> <i>End</i>	<b>3</b> <i>3 Optic</i>	<b>SO</b> <i>Standard Output</i>	<b>27K</b> <i>2700K</i>	<b>NR</b> <i>Narrow 16°</i>	<b>WH</b> <i>White</i>
	<b>NMI</b> <i>w/Node Minipoint</i>	<b>MD</b> <i>Mid</i>			<b>30K</b> <i>3000K</i>	<b>ME</b> <i>Medium 23°</i>	<b>BA</b> <i>Black Anodised</i>
	<b>SMI</b> <i>w/Surface Minipoint</i>					<b>WD</b> <i>Wide 45°</i>	<b>AL</b> <i>Br. Aluminium</i>
						<b>UW</b> <i>Ultra Wide 90°</i>	<b>RBZ</b> <i>Rubbed Bronze</i>
							<b>BR</b> <i>Br. Brass</i>
							<b>PB</b> <i>Polished Brass</i>

Example code: STKT-MI-EN-3-SO-27K-NR-WH

<sup>1</sup> 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	8.36 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

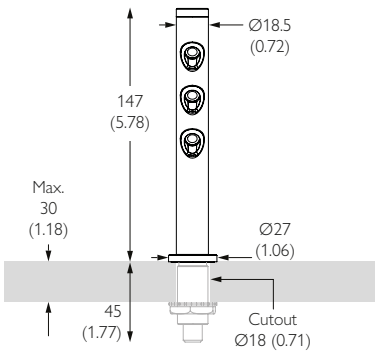
UK PART L	
Part L1A / L1B (Dwellings)	Compliant 164 lm/W ≥75 lm/W source lumens Source lm (551 lm) / Source W (3.36 W)
Part L2A (General)	- ≥95lm/W delivered lumens
Part L2A (Display)	Compliant 164 lm/W ≥80 lm/W source lumens Source lm (551 lm) / Source W (3.36 W)

# STACKO TILT FIXED

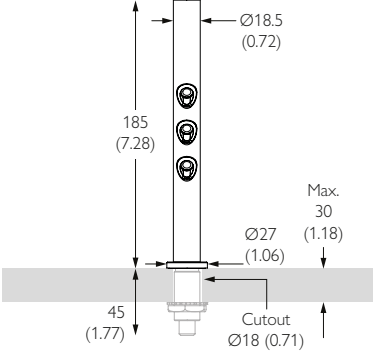
DIMENSIONS & FINISHES

STANDARD LIGHT ENGINE

## DIMENSIONS



STACKO TILT  
END



STACKO TILT  
MID

## MECHANICAL

Location	IP20   Indoor Dry Location Only	Cutout	ø18mm (0.71") minipoint
Mounting	Minipoints	Ceiling Thickness	30mm (1.18") max
Adjustability	360 Pan   N/A Tilt	Product Class	SELV   Class III
Lockable	N/A	Material	Machined AL 6063-T6   Machined Brass
Accessories	N/A	Weight	88g   0.19lb

## 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
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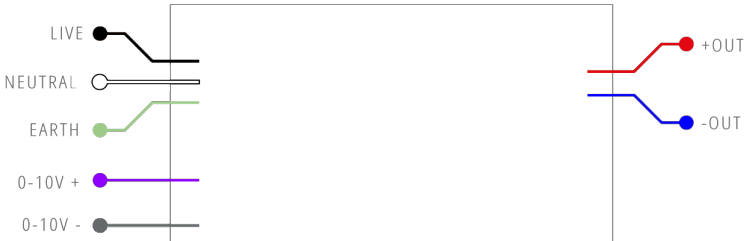
DRIVER GUIDE NOTES

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

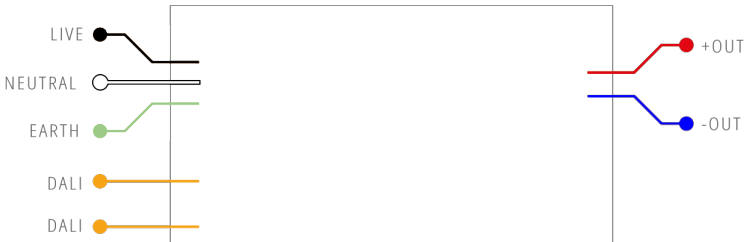
Input Voltage	120-277V   50/60 Hz
Driver Type	Remote   Constant Current
Location	IP20   Indoor Location Only
Dimming Control	0-10V
Min. Dim Level	0.1%
Flicker	IEEE P1789 Compatible   No Observable Effect
Wiring Distance	16 AWG - 36m (118')   18 AWG 22m (72')



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PHOTOMETRY

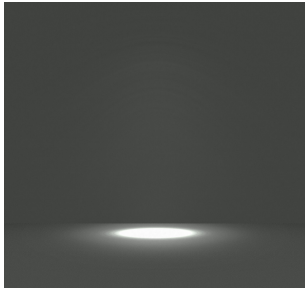
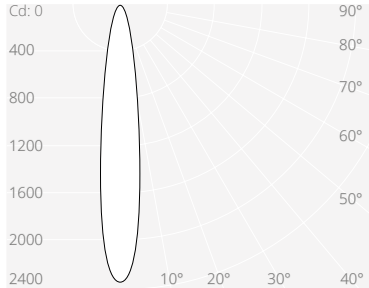

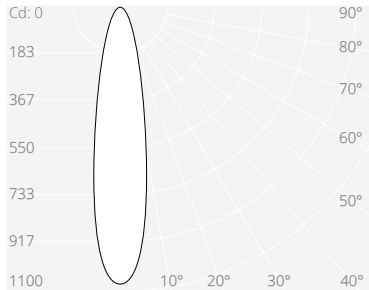
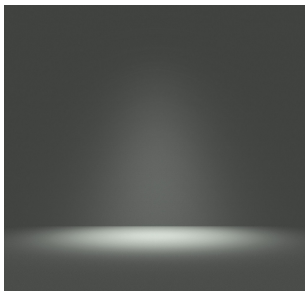
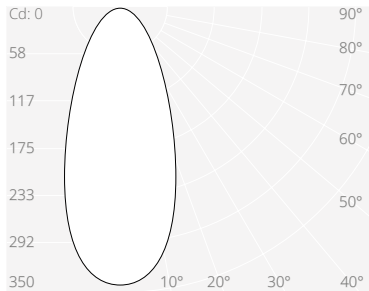
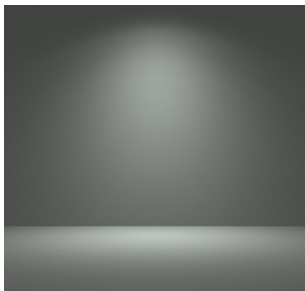
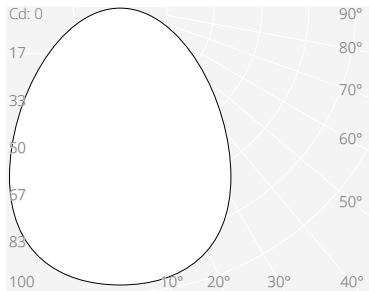
STANDARD LIGHT ENGINE

## OUTPUT SCALING

CCT	Output Multiplier	CRI	R9 Typ.	TM-30: Rf	TM-30: Rg	Max Lm
2400K	-	-	-	-	-	-
2700K	1.00	95	65	90	98	282
3000K	1.00	95	65	90	99	282
3500K	-	-	-	-	-	-
4000K	-	-	-	-	-	-

Colour Consistency: 3 SDCM





## PHOTOMETRY

NARROW				<table><tr><td>0.28m</td><td>2382lx</td><td>265fc</td><td>0.8'</td></tr><tr><td>1m</td><td></td><td>3'</td><td></td></tr><tr><td>0.56m</td><td>596lx</td><td>66fc</td><td>1.7'</td></tr><tr><td>2m</td><td></td><td>6'</td><td></td></tr><tr><td>0.84m</td><td>265lx</td><td>29fc</td><td>2.5'</td></tr><tr><td>3m</td><td></td><td>9'</td><td></td></tr><tr><td>1.12m</td><td>149lx</td><td>17fc</td><td>3.4'</td></tr><tr><td>4m</td><td></td><td>12'</td><td></td></tr><tr><td>1.41m</td><td>95lx</td><td>11fc</td><td>4.2'</td></tr><tr><td>5m</td><td></td><td>15'</td><td></td></tr><tr><td></td><td></td><td>7fc</td><td>5.1'</td></tr><tr><td></td><td></td><td></td><td>18'</td></tr></table>	0.28m	2382lx	265fc	0.8'	1m		3'		0.56m	596lx	66fc	1.7'	2m		6'		0.84m	265lx	29fc	2.5'	3m		9'		1.12m	149lx	17fc	3.4'	4m		12'		1.41m	95lx	11fc	4.2'	5m		15'				7fc	5.1'				18'
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# STACKO TILT FIXED

## OPTICS

There are 4 interchangeable optics

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

## ACCESSORIES

This product does not have interchangeable accessories, if required please contact us for modification opportunities