

STACKO STRAIGHT FIXED



KEY FEATURES

- Beam Options: 16 | 23 | 45 | 90
- Light Engine Performance: 470lm | 5.60W
- Micro-optics
- Modular stacking product
- Works with our Minipoint system
- UK Part L1 / L2 (Display) Compliant



OVERVIEW

Stacko Straight 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 5 light engines totalling 470lm | 5.60W. Our 470lm | 5.60W light engine has a max peak intensity of 3970cd. 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	3775 lm	470 lm	460 lm	465 lm
Peak Intensity	5025 cd	3970 cd	1795 cd	545 cd
CCT	2700K 3000K			
CRI Min.	95 95			
LED Current	0.350 A			
Voltage	16 V			
Input Wattage	5.6 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
STKF <i>Stacko Fixed</i>	MI <i>Minipoint Jack</i> ¹	EN <i>End</i>	5 <i>5 Optic</i>	SO <i>Standard Output</i>	27K <i>2700K</i>	NR <i>Narrow 16°</i>	WH <i>White</i>
	NMI <i>w/Node Minipoint</i>	MD <i>Mid</i>			30K <i>3000K</i>	ME <i>Medium 23°</i>	BKA <i>Black Anodised</i>
	SMI <i>w/Surface Minipoint</i>					WD <i>Wide 45°</i>	AL <i>Br. Aluminium</i>
						UW <i>Ultra Wide 90°</i>	RBZ <i>Rubbed Bronze</i>
							BR <i>Br. Brass</i>
							PB <i>Polished Brass</i>

Example code: STKF-MI-EN-5-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	8.1 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 (918 lm) / Source W (5.60 W)
Part L2A (General)	≥95lm/W delivered lumens	-
Part L2A (Display)	≥80 lm/W source lumens	Compliant 164 lm/W Source lm (918 lm) / Source W (5.60 W)

precision
by luminii

STANDARD LIGHT ENGINE

RCLPLLSALES@LUMINII.COM
LUMINII.COM | PRECISIONLIGHTING.CO.UK

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
Order Code	PSCC-30-350-D-EL	in	8.27	1.61	1.34

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

STACKO STRAIGHT FIXED

DRIVERS & POWER SUPPLIES – NORTH AMERICA

STANDARD LIGHT ENGINE

30W | 0-10V | Remote | Constant Current

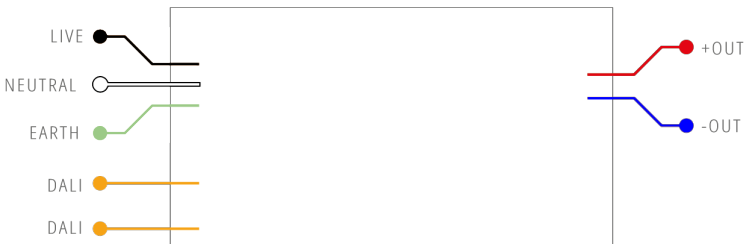
Input Voltage	120-277V 50/60 Hz
Driver Type	Remote Constant Current
Location	IP20 Indoor Location Only
Dimming Control	0-10V
Min. Dim Level	0.1%
Flicker	IEEE P1789 Compatible No Observable Effect
Wiring Distance	16 AWG - 36m (118') 18 AWG 22m (72')



	All CCT's		L	W	H
Max. Lights	1 to 10 Light Engines	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 10 Light Engines	mm	348	65	47
Order Code	USCC-30-350-D-EL-ENC	in	13.7	2.56	1.85

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

STACKO STRAIGHT FIXED

PHOTOMETRY

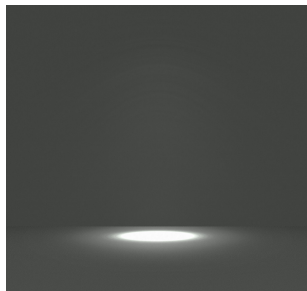
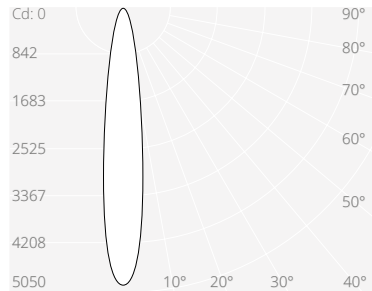
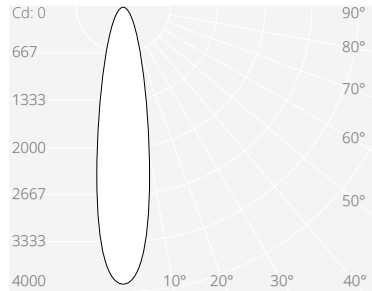
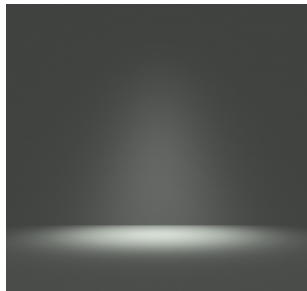
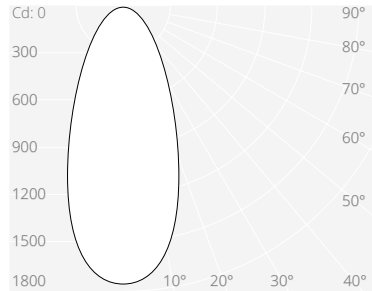
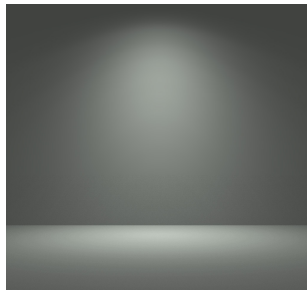
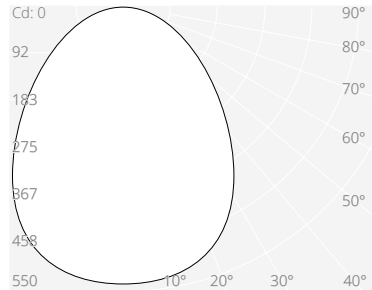
STANDARD LIGHT ENGINE

OUTPUT SCALING

CCT	Output Multiplier	CRI	R9 Typ.	TM-30: Rf	TM-30: Rg	Max Lm
2400K	-	-	-	-	-	-
2700K	1.00	95	65	90	98	470
3000K	1.00	95	65	90	99	470
3500K	-	-	-	-	-	-
4000K	-	-	-	-	-	-

Colour Consistency: 3 SDCM

PHOTOMETRY

NARROW				<table><tr><td>0.28m</td><td>5025lx</td><td>558fc</td><td>0.8'</td></tr><tr><td>1m</td><td></td><td></td><td>3'</td></tr><tr><td>0.56m</td><td>1256lx</td><td>140fc</td><td>1.7'</td></tr><tr><td>2m</td><td></td><td></td><td>6'</td></tr><tr><td>0.84m</td><td>558lx</td><td>62fc</td><td>2.5'</td></tr><tr><td>3m</td><td></td><td></td><td>9'</td></tr><tr><td>1.12m</td><td>314lx</td><td>35fc</td><td>3.4'</td></tr><tr><td>4m</td><td></td><td></td><td>12'</td></tr><tr><td>1.41m</td><td>201lx</td><td>22fc</td><td>4.2'</td></tr><tr><td>5m</td><td></td><td></td><td>15'</td></tr><tr><td></td><td></td><td>16fc</td><td>5.1'</td></tr><tr><td></td><td></td><td></td><td>18'</td></tr></table>	0.28m	5025lx	558fc	0.8'	1m			3'	0.56m	1256lx	140fc	1.7'	2m			6'	0.84m	558lx	62fc	2.5'	3m			9'	1.12m	314lx	35fc	3.4'	4m			12'	1.41m	201lx	22fc	4.2'	5m			15'			16fc	5.1'				18'
0.28m	5025lx	558fc	0.8'																																																	
1m			3'																																																	
0.56m	1256lx	140fc	1.7'																																																	
2m			6'																																																	
0.84m	558lx	62fc	2.5'																																																	
3m			9'																																																	
1.12m	314lx	35fc	3.4'																																																	
4m			12'																																																	
1.41m	201lx	22fc	4.2'																																																	
5m			15'																																																	
		16fc	5.1'																																																	
			18'																																																	
MEDIUM				<table><tr><td>0.41m</td><td>3970lx</td><td>441fc</td><td>1.2'</td></tr><tr><td>1m</td><td></td><td></td><td>3'</td></tr><tr><td>0.81m</td><td>993lx</td><td>110fc</td><td>2.4'</td></tr><tr><td>2m</td><td></td><td></td><td>6'</td></tr><tr><td>1.22m</td><td>441lx</td><td>49fc</td><td>3.7'</td></tr><tr><td>3m</td><td></td><td></td><td>9'</td></tr><tr><td>1.63m</td><td>248lx</td><td>28fc</td><td>4.9'</td></tr><tr><td>4m</td><td></td><td></td><td>12'</td></tr><tr><td>2.03m</td><td>159lx</td><td>18fc</td><td>6.1'</td></tr><tr><td>5m</td><td></td><td></td><td>15'</td></tr><tr><td></td><td></td><td>12fc</td><td>7.3'</td></tr><tr><td></td><td></td><td></td><td>18'</td></tr></table>	0.41m	3970lx	441fc	1.2'	1m			3'	0.81m	993lx	110fc	2.4'	2m			6'	1.22m	441lx	49fc	3.7'	3m			9'	1.63m	248lx	28fc	4.9'	4m			12'	2.03m	159lx	18fc	6.1'	5m			15'			12fc	7.3'				18'
0.41m	3970lx	441fc	1.2'																																																	
1m			3'																																																	
0.81m	993lx	110fc	2.4'																																																	
2m			6'																																																	
1.22m	441lx	49fc	3.7'																																																	
3m			9'																																																	
1.63m	248lx	28fc	4.9'																																																	
4m			12'																																																	
2.03m	159lx	18fc	6.1'																																																	
5m			15'																																																	
		12fc	7.3'																																																	
			18'																																																	
FLOOD				<table><tr><td>0.83m</td><td>1795lx</td><td>199fc</td><td>2.5'</td></tr><tr><td>1m</td><td></td><td></td><td>3'</td></tr><tr><td>1.66m</td><td>449lx</td><td>50fc</td><td>5.0'</td></tr><tr><td>2m</td><td></td><td></td><td>6'</td></tr><tr><td>2.49m</td><td>199lx</td><td>22fc</td><td>7.5'</td></tr><tr><td>3m</td><td></td><td></td><td>9'</td></tr><tr><td>3.31m</td><td>112lx</td><td>12fc</td><td>9.9'</td></tr><tr><td>4m</td><td></td><td></td><td>12'</td></tr><tr><td>4.14m</td><td>72lx</td><td>8fc</td><td>12.4'</td></tr><tr><td>5m</td><td></td><td></td><td>15'</td></tr><tr><td></td><td></td><td>6fc</td><td>14.9'</td></tr><tr><td></td><td></td><td></td><td>18'</td></tr></table>	0.83m	1795lx	199fc	2.5'	1m			3'	1.66m	449lx	50fc	5.0'	2m			6'	2.49m	199lx	22fc	7.5'	3m			9'	3.31m	112lx	12fc	9.9'	4m			12'	4.14m	72lx	8fc	12.4'	5m			15'			6fc	14.9'				18'
0.83m	1795lx	199fc	2.5'																																																	
1m			3'																																																	
1.66m	449lx	50fc	5.0'																																																	
2m			6'																																																	
2.49m	199lx	22fc	7.5'																																																	
3m			9'																																																	
3.31m	112lx	12fc	9.9'																																																	
4m			12'																																																	
4.14m	72lx	8fc	12.4'																																																	
5m			15'																																																	
		6fc	14.9'																																																	
			18'																																																	
WIDE FLOOD				<table><tr><td>2.00m</td><td>545lx</td><td>61fc</td><td>6.0'</td></tr><tr><td>1m</td><td></td><td></td><td>3'</td></tr><tr><td>4.00m</td><td>136lx</td><td>15fc</td><td>12.0'</td></tr><tr><td>2m</td><td></td><td></td><td>6'</td></tr><tr><td>6.00m</td><td>61lx</td><td>7fc</td><td>18.0'</td></tr><tr><td>3m</td><td></td><td></td><td>9'</td></tr><tr><td>8.00m</td><td>34lx</td><td>4fc</td><td>24.0'</td></tr><tr><td>4m</td><td></td><td></td><td></td></tr><tr><td>10.00m</td><td>22lx</td><td>2fc</td><td>30.0'</td></tr><tr><td>5m</td><td></td><td></td><td></td></tr><tr><td></td><td></td><td>2fc</td><td>36.0'</td></tr></table>	2.00m	545lx	61fc	6.0'	1m			3'	4.00m	136lx	15fc	12.0'	2m			6'	6.00m	61lx	7fc	18.0'	3m			9'	8.00m	34lx	4fc	24.0'	4m				10.00m	22lx	2fc	30.0'	5m						2fc	36.0'				
2.00m	545lx	61fc	6.0'																																																	
1m			3'																																																	
4.00m	136lx	15fc	12.0'																																																	
2m			6'																																																	
6.00m	61lx	7fc	18.0'																																																	
3m			9'																																																	
8.00m	34lx	4fc	24.0'																																																	
4m																																																				
10.00m	22lx	2fc	30.0'																																																	
5m																																																				
		2fc	36.0'																																																	

STACKO STRAIGHT FIXED

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