

SOLO 11 INTENSE SURFACE

precision
by luminii

11° ULTRA NARROW BEAM

STATIC WHITE



OVERVIEW

Solo 11 Surface 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 five site-changeable optics for flexible beam distribution and 360° lockable pan and 90° constant torque tilt. The ultra narrow beam in our 4.20W 415lm module has a peak intensity of 7259cd. An accessory holder is available separately that can accommodate 37mm (1.45") lenses and louvers. This product requires an external 350mA 12V Constant Current LED driver.

UK PART L

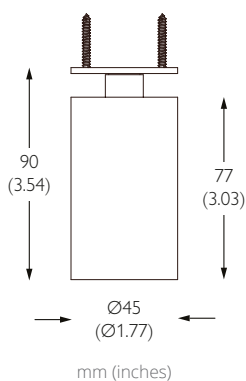
- Part L1A / L1B (Dwellings) ●
- Part L2A (General)
- Part L2A (Display) ●



PERFORMANCE

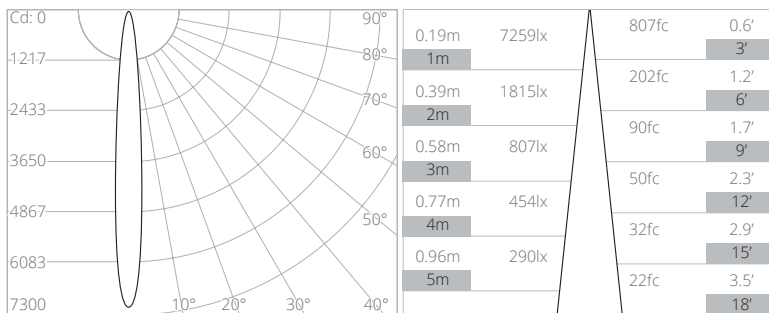
FWHM	11°	Category	IP20
Luminous Flux	396 lm	Material	Machined AL 6063-T6 Machined Brass
Peak Intensity	7259 cd	Finishes	Brushed Aluminium White RAL9010 Black RAL9005 Rubbed Bronze* Polished Brass* Brushed Brass *
CCT	2700K 3000K 3500K 4000K	Weight	150g 0.33lb
CRI Min.	92 TYP	Mounting	Surface mounting plate
Drive Current	350 mA	Movement	Pan 360° Tilt 90°
Nom. Voltage	12 V	Lockable	Pan
Max. Wattage	4.20 W	Accessories	Separate Lenses Louver 37mm (1.45")
Dimming	0-10V DALI	TM65 TM66	10.18kgCO2e 2.4
Driver Type	Constant Current Remote	Lifetime	L90B10 100,000hrs 5 year warranty
Class	SELV Class III		

DIMENSIONS



PHOTOMETRY

CCT	Multiplier
2700K	x0.90
3000K	x1.00
3500K	x1.00
4000K	x1.00



Data at 3000K

ORDER CODE

Model	Finish	CCT	Beam Angle
1041	-	-	-
	WH White RAL 9010	2792 2700K 92CRI	UN Ultra Narrow 11°
	BK Black RAL 9005	3092 3000K 92CRI	NA Narrow 14°
	AL Brushed Aluminium	3592 3500K 92CRI	ME Medium 18°
	RB Rubbed Bronze	4092 4000K 92CRI	FL Flood 30°
	PB Polished Brass		WF Wide Flood 50°
	SB Brushed Brass		

Example Code: **1041-WH-3092UN**

*Premium & custom finishes are built to order, subject to an extended lead time & MOQ
See Drivers, Power Supplies and Accessories sections for further order codes

SOLO 11 INTENSE SURFACE

14° NARROW BEAM

STATIC WHITE



OVERVIEW

Solo 11 Surface 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 five site-changeable optics for flexible beam distribution and 360° lockable pan and 90° constant torque tilt. The narrow beam in our 4.20W 415lm module has a peak intensity of 5422cd. An accessory holder is available separately that can accommodate 37mm (1.45") lenses and louvers. This product requires an external 350mA 12V Constant Current LED driver.

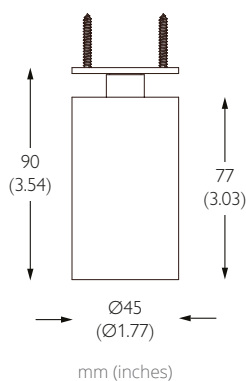
- UK PART L**
- Part L1A / L1B (Dwellings) ●
 - Part L2A (General)
 - Part L2A (Display) ●



PERFORMANCE

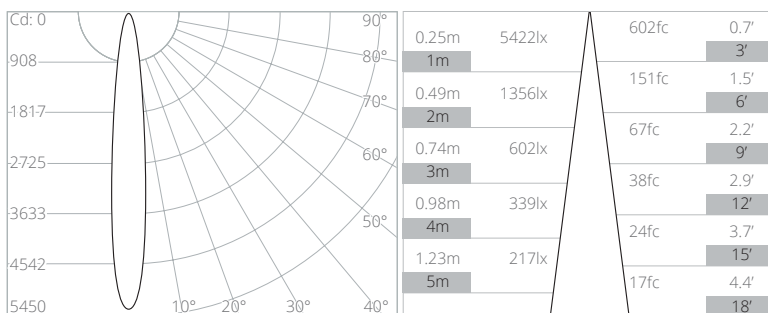
FWHM	14°	Category	IP20
Luminous Flux	413 lm	Material	Machined AL 6063-T6 Machined Brass
Peak Intensity	5422 cd	Finishes	Brushed Aluminium White RAL9010 Black RAL9005 Rubbed Bronze* Polished Brass* Brushed Brass *
CCT	2700K 3000K 3500K 4000K	Weight	150g 0.33lb
CRI Min.	92 TYP	Mounting	Surface mounting plate
Drive Current	350 mA	Movement	Pan 360° Tilt 90°
Nom. Voltage	12 V	Lockable	Pan
Max. Wattage	4.20 W	Accessories	Separate Lenses Louver 37mm (1.45")
Dimming	0-10V DALI	TM65 TM66	10.18kgCO2e 2.4
Driver Type	Constant Current Remote	Lifetime	L90B10 100,000hrs 5 year warranty
Class	SELV Class III		

DIMENSIONS



PHOTOMETRY

CCT	Multiplier
2700K	x0.90
3000K	x1.00
3500K	x1.00
4000K	x1.00



Data at 3000K

ORDER CODE

Model	Finish	CCT	Beam Angle
1041	-	-	-
	WH White RAL 9010	2792 2700K 92CRI	UN Ultra Narrow 11°
	BK Black RAL 9005	3092 3000K 92CRI	NA Narrow 14°
	AL Brushed Aluminium	3592 3500K 92CRI	ME Medium 18°
	RB Rubbed Bronze	4092 4000K 92CRI	FL Flood 30°
	PB Polished Brass		WF Wide Flood 50°
	SB Brushed Brass		

Example Code: 1041-WH-3092NA

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SOLO 11 INTENSE SURFACE

18° MEDIUM BEAM

STATIC WHITE



OVERVIEW

Solo 11 Surface 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 five site-changeable optics for flexible beam distribution and 360° lockable pan and 90° constant torque tilt. The medium beam in our 4.20W 415lm module has a peak intensity of 3338cd. An accessory holder is available separately that can accommodate 37mm (1.45") lenses and louvers. This product requires an external 350mA 12V Constant Current LED driver.

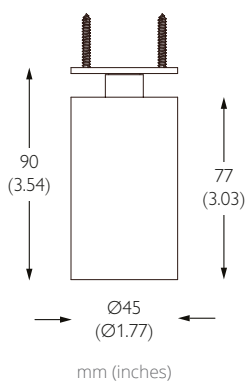
- UK PART L**
- Part L1A / L1B (Dwellings) ●
 - Part L2A (General)
 - Part L2A (Display) ●



PERFORMANCE

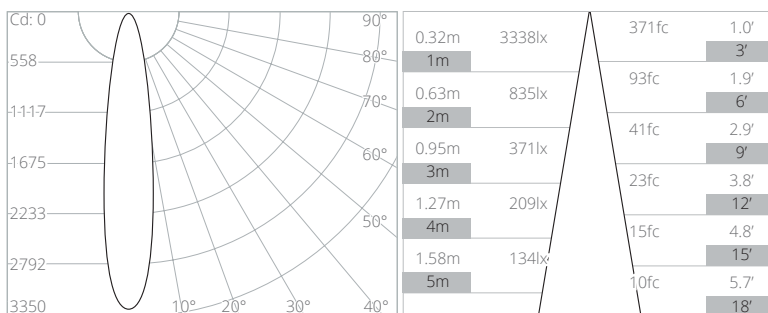
FWHM	18°	Category	IP20
Luminous Flux	391 lm	Material	Machined AL 6063-T6 Machined Brass
Peak Intensity	3338 cd	Finishes	Brushed Aluminium White RAL9010 Black RAL9005 Rubbed Bronze* Polished Brass* Brushed Brass *
CCT	2700K 3000K 3500K 4000K	Weight	150g 0.33lb
CRI Min.	92 TYP	Mounting	Surface mounting plate
Drive Current	350 mA	Movement	Pan 360° Tilt 90°
Nom. Voltage	12 V	Lockable	Pan
Max. Wattage	4.20 W	Accessories	Separate Lenses Louver 37mm (1.45")
Dimming	0-10V DALI	TM65 TM66	10.18kgCO2e 2.4
Driver Type	Constant Current Remote	Lifetime	L90B10 100,000hrs 5 year warranty
Class	SELV Class III		

DIMENSIONS



PHOTOMETRY

CCT	Multiplier
2700K	x0.90
3000K	x1.00
3500K	x1.00
4000K	x1.00



Data at 3000K

ORDER CODE

Model	Finish	CCT	Beam Angle
1041	-	-	-
	WH White RAL 9010	2792 2700K 92CRI	UN Ultra Narrow 11°
	BK Black RAL 9005	3092 3000K 92CRI	NA Narrow 14°
	AL Brushed Aluminium	3592 3500K 92CRI	ME Medium 18°
	RB Rubbed Bronze	4092 4000K 92CRI	FL Flood 30°
	PB Polished Brass		WF Wide Flood 50°
	SB Brushed Brass		

Example Code: 1041-WH-3092ME

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SOLO 11 INTENSE SURFACE

30° FLOOD BEAM

STATIC WHITE



OVERVIEW

Solo 11 Surface 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 five site-changeable optics for flexible beam distribution and 360° lockable pan and 90° constant torque tilt. The flood beam in our 4.20W 415lm module has a peak intensity of 1052cd. An accessory holder is available separately that can accommodate 37mm (1.45") lenses and louvers. This product requires an external 350mA 12V Constant Current LED driver.

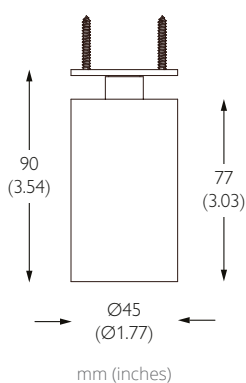
- UK PART L**
- Part L1A / L1B (Dwellings) ●
 - Part L2A (General)
 - Part L2A (Display) ●



PERFORMANCE

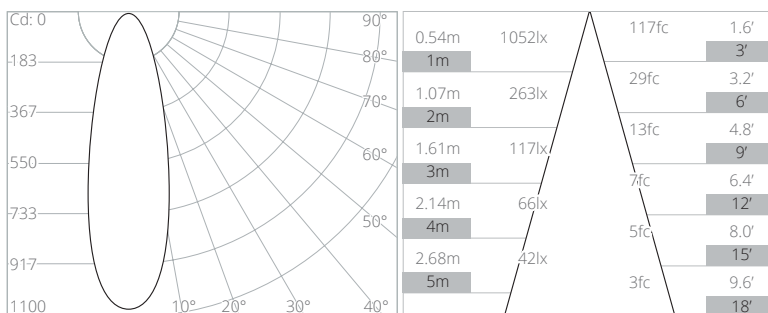
FWHM	30°	Category	IP20
Luminous Flux	322 lm	Material	Machined AL 6063-T6 Machined Brass
Peak Intensity	1052 cd	Finishes	Brushed Aluminium White RAL9010 Black RAL9005 Rubbed Bronze* Polished Brass* Brushed Brass *
CCT	2700K 3000K 3500K 4000K	Weight	150g 0.33lb
CRI Min.	92 TYP	Mounting	Surface mounting plate
Drive Current	350 mA	Movement	Pan 360° Tilt 90°
Nom. Voltage	12 V	Lockable	Pan
Max. Wattage	4.20 W	Accessories	Separate Lenses Louver 37mm (1.45")
Dimming	0-10V DALI	TM65 TM66	10.18kgCO2e 2.4
Driver Type	Constant Current Remote	Lifetime	L90B10 100,000hrs 5 year warranty
Class	SELV Class III		

DIMENSIONS



PHOTOMETRY

CCT	Multiplier
2700K	x0.90
3000K	x1.00
3500K	x1.00
4000K	x1.00



Data at 3000K

ORDER CODE

Model	Finish	CCT	Beam Angle
1041	-	-	-
	WH White RAL 9010	2792 2700K 92CRI	UN Ultra Narrow 11°
	BK Black RAL 9005	3092 3000K 92CRI	NA Narrow 14°
	AL Brushed Aluminium	3592 3500K 92CRI	ME Medium 18°
	RB Rubbed Bronze	4092 4000K 92CRI	FL Flood 30°
	PB Polished Brass		WF Wide Flood 50°
	SB Brushed Brass		

Example Code: **1041-WH-3092FL**

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See Drivers, Power Supplies and Accessories sections for further order codes

SOLO 11 INTENSE SURFACE

50° WIDE FLOOD BEAM

STATIC WHITE



OVERVIEW

Solo 11 Surface 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 five site-changeable optics for flexible beam distribution and 360° lockable pan and 90° constant torque tilt. The wide flood beam in our 4.20W 415lm module has a peak intensity of 383cd. An accessory holder is available separately that can accommodate 37mm (1.45") lenses and louvers. This product requires an external 350mA 12V Constant Current LED driver.

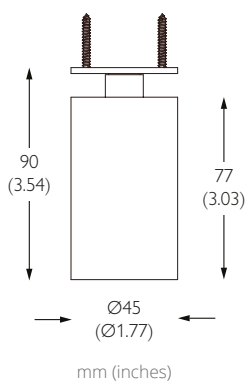
- UK PART L**
- Part L1A / L1B (Dwellings) ●
 - Part L2A (General)
 - Part L2A (Display) ●



PERFORMANCE

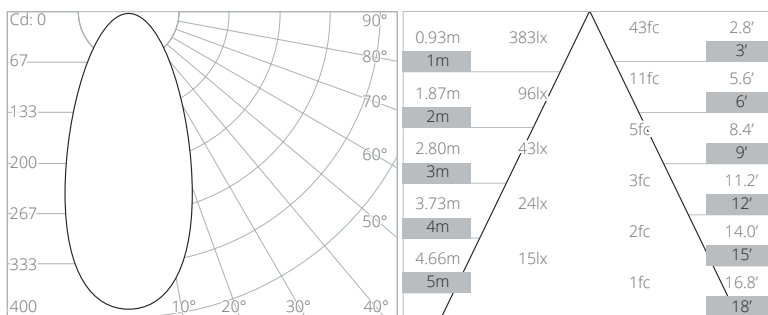
FWHM	50°	Category	IP20
Luminous Flux	317 lm	Material	Machined AL 6063-T6 Machined Brass
Peak Intensity	383 cd	Finishes	Brushed Aluminium White RAL9010 Black RAL9005 Rubbed Bronze* Polished Brass* Brushed Brass *
CCT	2700K 3000K 3500K 4000K	Weight	150g 0.33lb
CRI Min.	92 TYP	Mounting	Surface mounting plate
Drive Current	350 mA	Movement	Pan 360° Tilt 90°
Nom. Voltage	12 V	Lockable	Pan
Max. Wattage	4.20 W	Accessories	Separate Lenses Louver 37mm (1.45")
Dimming	0-10V DALI	TM65 TM66	10.18kgCO2e 2.4
Driver Type	Constant Current Remote	Lifetime	L90B10 100,000hrs 5 year warranty
Class	SELV Class III		

DIMENSIONS



PHOTOMETRY

CCT	Multiplier
2700K	x0.90
3000K	x1.00
3500K	x1.00
4000K	x1.00



Data at 3000K

ORDER CODE

Model	Finish	CCT	Beam Angle
1041	-	-	-
	WH White RAL 9010	2792 2700K 92CRI	UN Ultra Narrow 11°
	BK Black RAL 9005	3092 3000K 92CRI	NA Narrow 14°
	AL Brushed Aluminium	3592 3500K 92CRI	ME Medium 18°
	RB Rubbed Bronze	4092 4000K 92CRI	FL Flood 30°
	PB Polished Brass		WF Wide Flood 50°
	SB Brushed Brass		

Example Code: **1041-WH-3092WF**

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See Drivers, Power Supplies and Accessories sections for further order codes

SOLO 11 INTENSE SURFACE

DRIVER COMPATIBILITY

STATIC WHITE

DRIVERS

20W | DIMMING: DALI OR 0-10V

NO. OF LIGHTS PER DRIVER 1 to 2 in series

MIN DIM LEVEL 0.1%

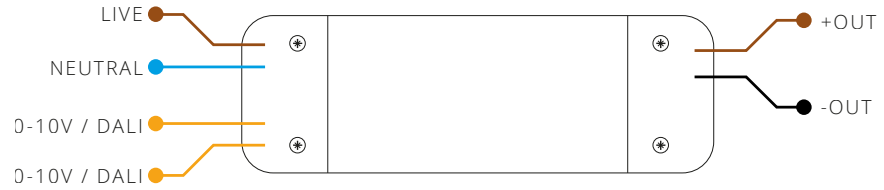
VOLTAGE REGION 230V

FOR NORTH AMERICA No

WATTAGE 20W

SUPPLY TYPE Constant Current

DRIVER LOCATION Remote



DALI CODE PSCC-20-350-D-EL

0-10V CODE PSCC-20-350-A-EL

LENGTH 160mm (6.30") WIDTH 41mm (1.63") HEIGHT 30mm (1.18")



30W | DIMMING: DALI OR 0-10V

NO. OF LIGHTS PER DRIVER 1 to 3 in series

MIN DIM LEVEL 0.1%

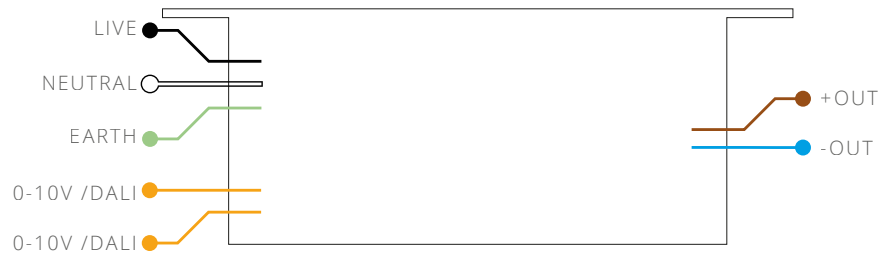
VOLTAGE REGION 120V

FOR NORTH AMERICA Yes

WATTAGE 30W

SUPPLY TYPE Constant Current

DRIVER LOCATION Remote



DALI CODE USCC-30-350-D-EL-ENC

0-10V CODE USCC-30-350-A-EL-ENC

LENGTH 348mm (13.7") WIDTH 65mm (2.6") HEIGHT 47mm (1.9")



12W | DIMMING: PHASE

NO. OF LIGHTS PER DRIVER 1

MIN DIM LEVEL 1%

VOLTAGE REGION 120V

FOR NORTH AMERICA Yes

WATTAGE 12W

SUPPLY TYPE Constant Current

DRIVER LOCATION Remote



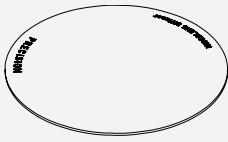
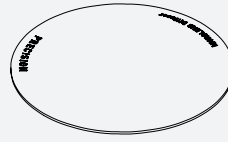
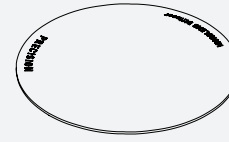
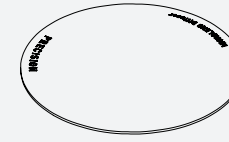
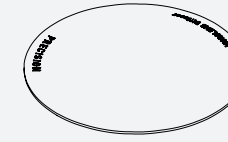
PHASE CODE USCC-12-350-P-HT-ENC

LENGTH 247mm (9.7") WIDTH 65mm (2.6") HEIGHT 47mm (1.9")











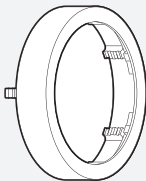
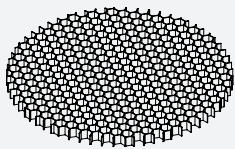
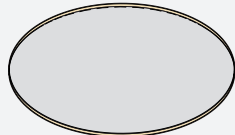
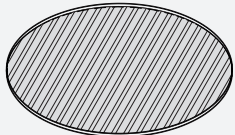
OPTICS & ACCESSORIES

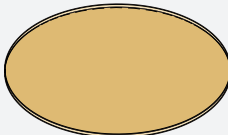

Each light ships with a microlens optic pre-installed. Microlens optics can be changed in the field by simply unscrewing the optic cap, avoid touching the exposed LED when changing optic.

Optics				
				
Ultra Narrow Microlens FWHM 11° Order Code 911-01	Narrow Microlens FWHM 14° Order Code 911-02	Medium Microlens FWHM 18° Order Code 911-03	Flood Microlens FWHM 30° Order Code 911-04	Wide Flood Microlens FWHM 50° Order Code 911-05

Solo 16 requires a separate accessory holder, this can accommodate up to 2 accessories

Linear 	Softening 	1/4 CTO 	Honeycomb 	
				
Clip <i>Included with holder</i>	Accessory	Double Accessory Holder <i>Can hold 2 accessories</i>	Microlens <i>For on site beam changing Intense light engine only No holder required</i>	

Accessory Holder	Glare Control	Beam Shaping	
			
Double Accessory Holder Ø43x14mm Ø1.69x0.551" Order Code 244-BK	Honeycomb Louvre Ø37x3.2mm Ø1.26x0.126" Order Code 995-37-BK	Softening Lens Ø37x3.2mm Ø1.26x0.126" Order Code 992-37	Linear Lens Ø37x3.2mm Ø1.26x0.126" Order Code 992-37

Colour Modifiers	
	
1/4 CTO Filter Ø37x1.8mm Ø1.26x0.071" Order Code 997-1/4CTO-37	Custom Colour Filter Ø37x1.8mm Ø1.26x0.071" Order Code Contact Sales Rep