

SOLO 16 WARM DIM SURFACE

16° NARROW BEAM

WARM DIM



OVERVIEW

Solo 16 Warm Dim Surface is a Constant Current LED spotlight with a dim-to-warm range of 3000K to 1800K 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 360° lockable pan and 90° constant torque tilt. The narrow beam in our 14.53W 1200lm module has a peak intensity of 9687cd. An accessory holder is available separately that can accommodate 55mm (2.16") lenses and louvers. This product requires a single channel current dimmable LED driver.

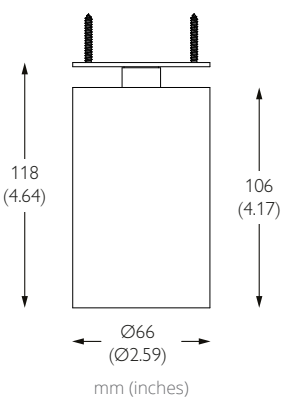
- UK PART L**
- Part L1A / L1B (Dwellings) ●
 - Part L2A (General)
 - Part L2A (Display) ●



PERFORMANCE

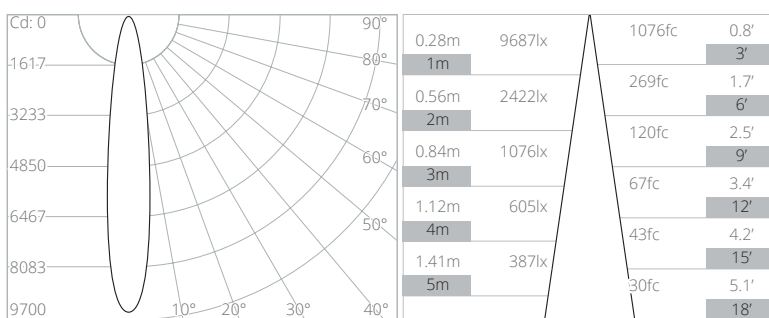
FWHM	16°	Category	IP20
Luminous Flux	1124 lm	Material	Machined AL 6063-T6 Machined Brass
Peak Intensity	9687 cd	Finishes	Brushed Aluminium White RAL9010 Black RAL9005 Rubbed Bronze* Polished Brass* Brushed Brass *
CCT	1800-3000K	Weight	350g 0.77lb
CRI Min.	94 TYP	Mounting	Surface mounting plate
Drive Current	415 mA	Movement	Pan 360° Tilt 90°
Nom. Voltage	35 V	Lockable	Pan
Max. Wattage	14.53 W	Accessories	Separate Lenses Louver 55mm (2.16")
Dimming	0-10V DALI	TM65 TM66	16.05kgCO2e 2.4
Driver Type	Constant Current Remote	Lifetime	L90B10 50,000hrs 5 year warranty
Class	SELV Class III		

DIMENSIONS



PHOTOMETRY

CCT	Multiplier
1800K	x0.10
2100K	x0.70
2400K	x0.80
2700K	x0.90
3000K	x1.00



Data at 3000K

ORDER CODE

Model	Finish	CCT	Beam Angle
1051W	-	-	-
	WH White RAL 9010	W01 1800K-3000K 94CRI	NA Narrow 16°
	BK Black RAL 9005		ME Medium 25°
	AL Brushed Aluminium		WD Wide 34°
	RB Rubbed Bronze		VW Very Wide 44°
	PB Polished Brass		
	SB Brushed Brass		

Example Code: 1051W-WH-NA

*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 16 WARM DIM SURFACE

25° MEDIUM BEAM

WARM DIM



OVERVIEW

Solo 16 Warm Dim Surface is a Constant Current LED spotlight with a dim-to-warm range of 3000K to 1800K 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 360° lockable pan and 90° constant torque tilt. The medium beam in our 14.53W 1200lm module has a peak intensity of 4833cd. An accessory holder is available separately that can accommodate 55mm (2.16") lenses and louvers. This product requires a single channel current dimmable LED driver.

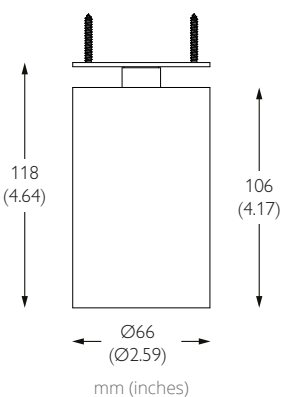
- UK PART L**
- Part L1A / L1B (Dwellings) ●
 - Part L2A (General)
 - Part L2A (Display) ●



PERFORMANCE

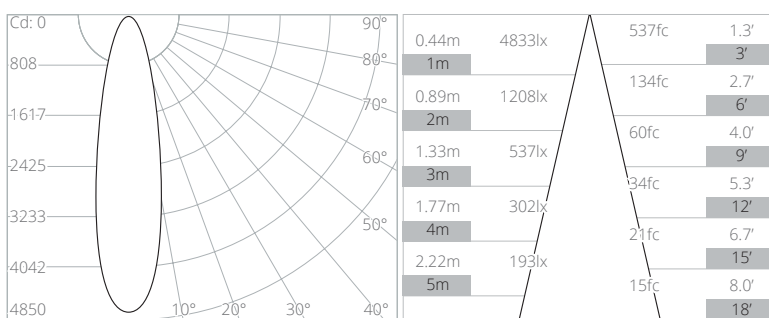
FWHM	25°	Category	IP20
Luminous Flux	1069 lm	Material	Machined AL 6063-T6 Machined Brass
Peak Intensity	4833 cd	Finishes	Brushed Aluminium White RAL9010 Black RAL9005 Rubbed Bronze* Polished Brass* Brushed Brass *
CCT	1800-3000K	Weight	350g 0.77lb
CRI Min.	94 TYP	Mounting	Surface mounting plate
Drive Current	415 mA	Movement	Pan 360° Tilt 90°
Nom. Voltage	35 V	Lockable	Pan
Max. Wattage	14.53 W	Accessories	Separate Lenses Louver 55mm (2.16")
Dimming	0-10V DALI	TM65 TM66	16.05kgCO2e 2.4
Driver Type	Constant Current Remote	Lifetime	L90B10 50,000hrs 5 year warranty
Class	SELV Class III		

DIMENSIONS



PHOTOMETRY

CCT	Multiplier
1800K	x0.10
2100K	x0.70
2400K	x0.80
2700K	x0.90
3000K	x1.00



Data at 3000K

ORDER CODE

Model	Finish	CCT	Beam Angle
1051W	-	-	-
	WH White RAL 9010	W01 1800K-3000K 94CRI	NA Narrow 16°
	BK Black RAL 9005		ME Medium 25°
	AL Brushed Aluminium		WD Wide 34°
	RB Rubbed Bronze		VW Very Wide 44°
	PB Polished Brass		
	SB Brushed Brass		

Example Code: **1051W-WH-ME**

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

SOLO 16 WARM DIM SURFACE

34° WIDE BEAM

WARM DIM



OVERVIEW

Solo 16 Warm Dim Surface is a Constant Current LED spotlight with a dim-to-warm range of 3000K to 1800K 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 360° lockable pan and 90° constant torque tilt. The wide beam in our 14.53W 1200lm module has a peak intensity of 2746cd. An accessory holder is available separately that can accommodate 55mm (2.16") lenses and louvers. This product requires a single channel current dimmable LED driver.

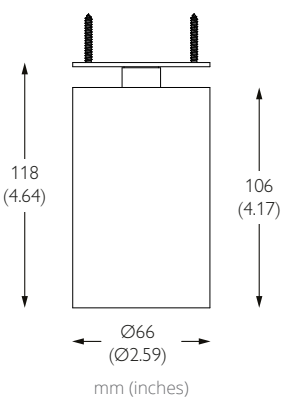
- UK PART L**
- Part L1A / L1B (Dwellings) ●
 - Part L2A (General)
 - Part L2A (Display) ●



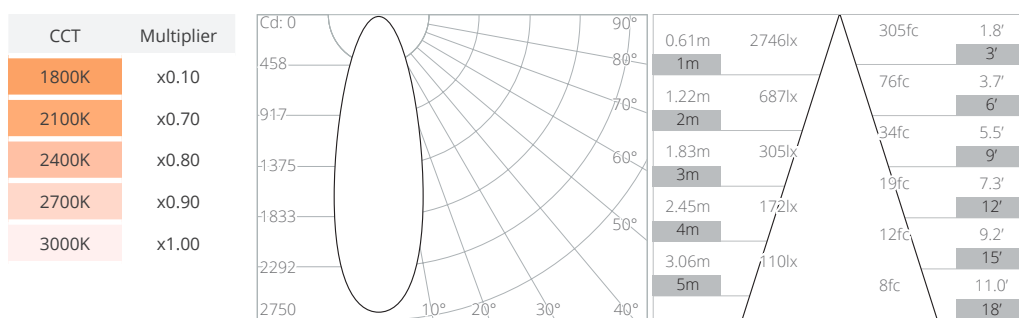
PERFORMANCE

FWHM	34°	Category	IP20
Luminous Flux	903 lm	Material	Machined AL 6063-T6 Machined Brass
Peak Intensity	2746 cd	Finishes	Brushed Aluminium White RAL9010 Black RAL9005 Rubbed Bronze* Polished Brass* Brushed Brass *
CCT	1800-3000K	Weight	350g 0.77lb
CRI Min.	94 TYP	Mounting	Surface mounting plate
Drive Current	415 mA	Movement	Pan 360° Tilt 90°
Nom. Voltage	35 V	Lockable	Pan
Max. Wattage	14.53 W	Accessories	Separate Lenses Louver 55mm (2.16")
Dimming	0-10V DALI	TM65 TM66	16.05kgCO2e 2.4
Driver Type	Constant Current Remote	Lifetime	L90B10 50,000hrs 5 year warranty
Class	SELV Class III		

DIMENSIONS



PHOTOMETRY



Data at 3000K

ORDER CODE

Model	Finish	CCT	Beam Angle
1051W	-	-	-
	WH White RAL 9010	W01 1800K-3000K 94CRI	NA Narrow 16°
	BK Black RAL 9005		ME Medium 25°
	AL Brushed Aluminium		WD Wide 34°
	RB Rubbed Bronze		VW Very Wide 44°
	PB Polished Brass		
	SB Brushed Brass		

Example Code: **1051W-WH-WD**

*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 16 WARM DIM SURFACE

44° VERY WIDE BEAM

WARM DIM



OVERVIEW

Solo 16 Warm Dim Surface is a Constant Current LED spotlight with a dim-to-warm range of 3000K to 1800K 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 360° lockable pan and 90° constant torque tilt. The very wide beam in our 14.53W 1200lm module has a peak intensity of 1851cd. An accessory holder is available separately that can accommodate 55mm (2.16") lenses and louvers. This product requires a single channel current dimmable LED driver.

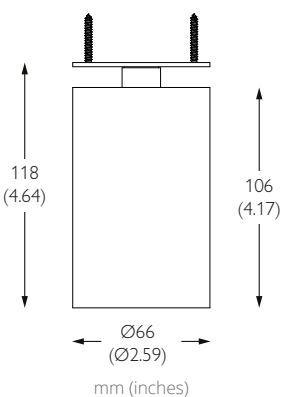
- UK PART L**
- Part L1A / L1B (Dwellings) ●
 - Part L2A (General)
 - Part L2A (Display) ●



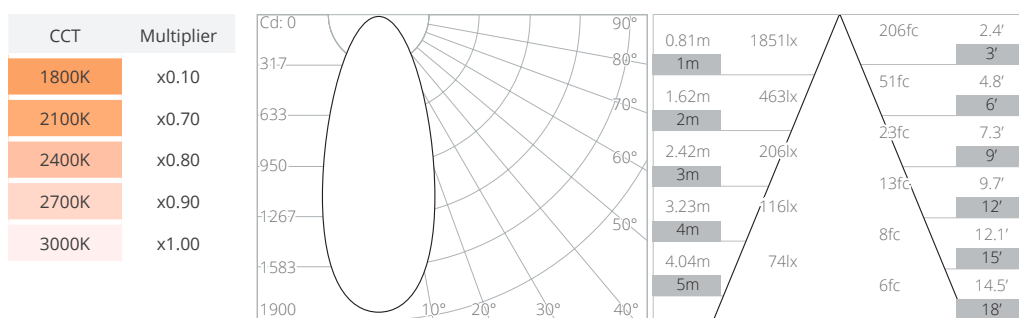
PERFORMANCE

FWHM	44°	Category	IP20
Luminous Flux	982 lm	Material	Machined AL 6063-T6 Machined Brass
Peak Intensity	1851 cd	Finishes	Brushed Aluminium White RAL9010 Black RAL9005 Rubbed Bronze* Polished Brass* Brushed Brass *
CCT	1800-3000K	Weight	350g 0.77lb
CRI Min.	94 TYP	Mounting	Surface mounting plate
Drive Current	415 mA	Movement	Pan 360° Tilt 90°
Nom. Voltage	35 V	Lockable	Pan
Max. Wattage	14.53 W	Accessories	Separate Lenses Louver 55mm (2.16")
Dimming	0-10V DALI	TM65 TM66	16.05kgCO2e 2.4
Driver Type	Constant Current Remote	Lifetime	L90B10 50,000hrs 5 year warranty
Class	SELV Class III		

DIMENSIONS



PHOTOMETRY



Data at 3000K

ORDER CODE

Model	Finish	CCT	Beam Angle
1051W	-	-	-
	WH White RAL 9010	W01 1800K-3000K 94CRI	NA Narrow 16°
	BK Black RAL 9005		ME Medium 25°
	AL Brushed Aluminium		WD Wide 34°
	RB Rubbed Bronze		VW Very Wide 44°
	PB Polished Brass		
	SB Brushed Brass		

Example Code: **1051W-WH-VW**

*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 16 WARM DIM SURFACE

DRIVER COMPATIBILITY

WARM DIM

DRIVERS

20W | DIMMING: DALI OR 0-10V

NO. OF LIGHTS PER DRIVER 1 only

MIN DIM LEVEL 0.1%

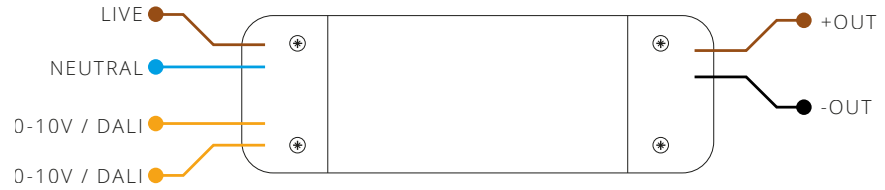
VOLTAGE REGION 230V

FOR NORTH AMERICA No

WATTAGE 20W

SUPPLY TYPE Constant Current

DRIVER LOCATION Remote



DALI CODE PSCC-RM-1050W01-01D

0-10V CODE PSCC-RM-1050W01-01A

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



30W | DIMMING: DALI OR 0-10V

NO. OF LIGHTS PER DRIVER 1 only

MIN DIM LEVEL 0.1%

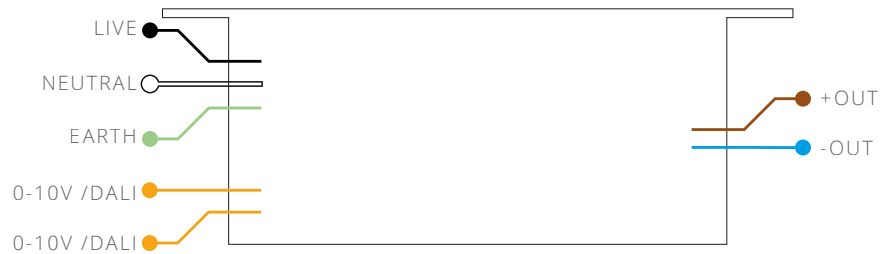
VOLTAGE REGION 120V

FOR NORTH AMERICA Yes

WATTAGE 30W

SUPPLY TYPE Constant Current

DRIVER LOCATION Remote



DALI CODE USCC-RM-1050W01-01D

0-10V CODE USCC-RM-1050W01-01A

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

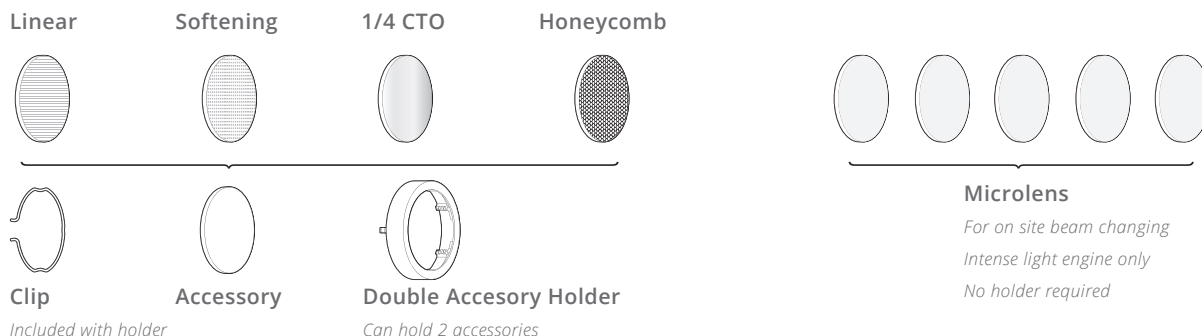


SOLO 16 SERIES SPOTLIGHT ACCESSORIES

FOR USE WITH SOLO 16 INTENSE | PLUS | WARM DIM | TUNABLE WHITE

ACCESSORIES

The Solo 16 series track and surface spotlights can accommodate accessories with a snap in accessory holder.



Double Accessory Holder

Can hold 2 accessories

HEIGHT 14mm (0.551")

DAIMETER 63mm (2.480")

PART CODE 254-BK



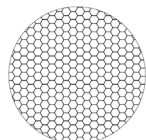
Honeycomb Louvre

Enhances glare control

THICKNESS 3.2mm (0.126")

DAIMETER 55mm (2.165")

PART CODE 995-55-BK



1/4 CTO Dichroic

CCT warming - approx 300K

THICKNESS 1.8mm (0.071")

DAIMETER 55mm (2.165")

PART CODE 997-1/4CTO-55



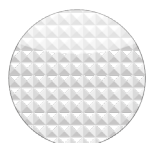
Softening Lens

Heavy Diffusion of beam

THICKNESS 3.2mm (0.126")

DAIMETER 55mm (2.165")

PART CODE 991-55



Linear Lens

Elongates beam

THICKNESS 3.9mm (0.154")

DAIMETER 55mm (2.165")

PART CODE 992-55



OPTICS

Microlens - Intense Light Engine Only

For on site beam angle changes. No holder required.

THICKNESS 1.0mm (0.039")

DAIMETER 49.5mm (1.949")

PART CODE	931-01	Ultra Narrow
	931-02	Narrow
	931-03	Medium
	931-04	Flood
	931-05	Wide Flood



Primary Optic

Primary beam angle control

	PLUS	WARM DIM TUNABLE WHITE
V NARROW CODE	C16686-ILONA-RS	
NARROW CODE	C16731-ILONA-SS	C16731-ILONA-SS
MEDIUM CODE	C16687-ILONA-M	C16687-ILONA-M
WIDE CODE	C16688-ILONA-W	C16688-ILONA-W
VERY WIDE CODE	C17434-ILONA-WW	C17434-ILONA-WW

