

SOLO 16 TUNABLE WHITE SURFACE

17° NARROW BEAM

TUNABLE WHITE



OVERVIEW

Solo 16 Tunable White Surface is a constant current dual channel LED spotlight with the option of 2 CCT tuning ranges (1800-3000K / 2700-5000K) 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 12.50W 1050lm module has a peak intensity of 7560cd. An accessory holder is available separately that can accommodate 55mm (2.16") lenses and louvers. This product requires an external dual channel constant current LED driver.

UK PART L

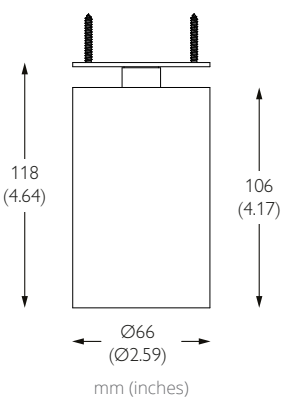
- Part L1A / L1B (Dwellings) ●
- Part L2A (General)
- Part L2A (Display) ●



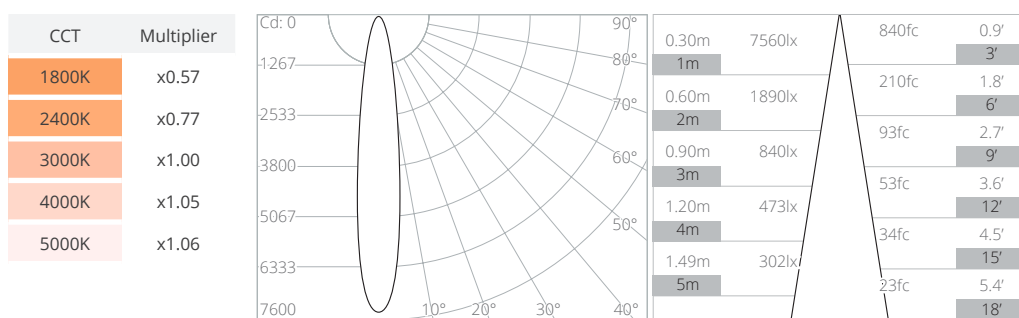
PERFORMANCE

FWHM	17°	Category	IP20
Luminous Flux	921 lm	Material	Machined AL 6063-T6 Machined Brass
Peak Intensity	7560 cd	Finishes	Brushed Aluminium White RAL9010 Black RAL9005 Rubbed Bronze* Polished Brass* Brushed Brass *
CCT	1800-3000K 2700-5000K	Weight	350g 0.77lb
CRI Min.	94 TYP	Mounting	Surface mounting plate
Drive Current	357 mA	Movement	Pan 360° Tilt 90°
Nom. Voltage	35 V	Lockable	Pan
Max. Wattage	12.50 W	Accessories	Separate Lenses Louver 55mm (2.16")
Dimming	DALI DT6 DALI DT8	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
1051T	-	-	-
	WH White RAL 9010	T01 1800K-3000K 94CRI	NA Narrow 17°
	BK Black RAL 9005	T02 2700K-5000K 94CRI	ME Medium 26°
	AL Brushed Aluminium		WD Wide 34°
	RB Rubbed Bronze		VW Very Wide 44°
	PB Polished Brass		
	SB Brushed Brass		

Example Code: **1051T-WH-T02NA**

*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 TUNABLE WHITE SURFACE

26° MEDIUM BEAM

TUNABLE WHITE



OVERVIEW

Solo 16 Tunable White Surface is a constant current dual channel LED spotlight with the option of 2 CCT tuning ranges (1800-3000K / 2700-5000K) 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 12.50W 1050lm module has a peak intensity of 3600cd. An accessory holder is available separately that can accommodate 55mm (2.16") lenses and louvers. This product requires an external dual channel constant current LED driver.

UK PART L

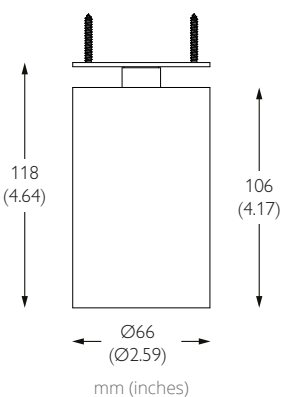
- Part L1A / L1B (Dwellings) ●
- Part L2A (General)
- Part L2A (Display) ●



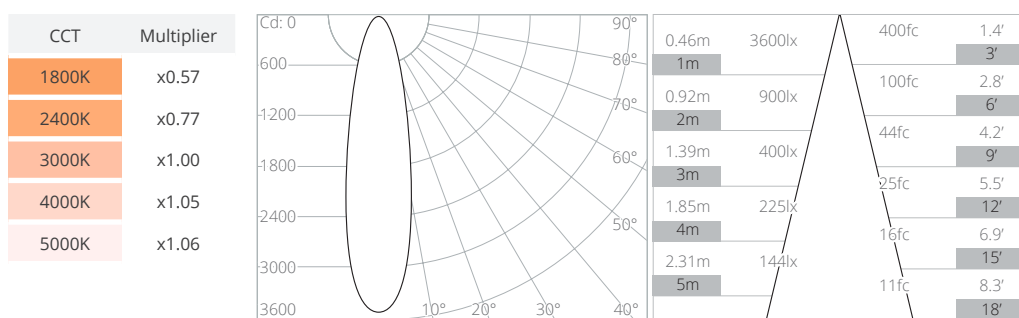
PERFORMANCE

FWHM	26°	Category	IP20
Luminous Flux	869 lm	Material	Machined AL 6063-T6 Machined Brass
Peak Intensity	3600 cd	Finishes	Brushed Aluminium White RAL9010 Black RAL9005 Rubbed Bronze* Polished Brass* Brushed Brass *
CCT	1800-3000K 2700-5000K	Weight	350g 0.77lb
CRI Min.	94 TYP	Mounting	Surface mounting plate
Drive Current	357 mA	Movement	Pan 360° Tilt 90°
Nom. Voltage	35 V	Lockable	Pan
Max. Wattage	12.50 W	Accessories	Separate Lenses Louver 55mm (2.16")
Dimming	DALI DT6 DALI DT8	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
1051T	-	-	-
	WH White RAL 9010	T01 1800K-3000K 94CRI	NA Narrow 17°
	BK Black RAL 9005	T02 2700K-5000K 94CRI	ME Medium 26°
	AL Brushed Aluminium		WD Wide 34°
	RB Rubbed Bronze		VW Very Wide 44°
	PB Polished Brass		
	SB Brushed Brass		

Example Code: **1051T-WH-T02ME**

*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 TUNABLE WHITE SURFACE

34° WIDE BEAM

TUNABLE WHITE



OVERVIEW

Solo 16 Tunable White Surface is a constant current dual channel LED spotlight with the option of 2 CCT tuning ranges (1800-3000K / 2700-5000K) 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 12.50W 1050lm module has a peak intensity of 2150cd. An accessory holder is available separately that can accommodate 55mm (2.16") lenses and louvers. This product requires an external dual channel constant current LED driver.

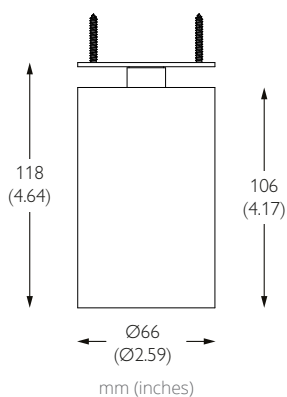
- UK PART L**
- Part L1A / L1B (Dwellings) ●
 - Part L2A (General)
 - Part L2A (Display) ●



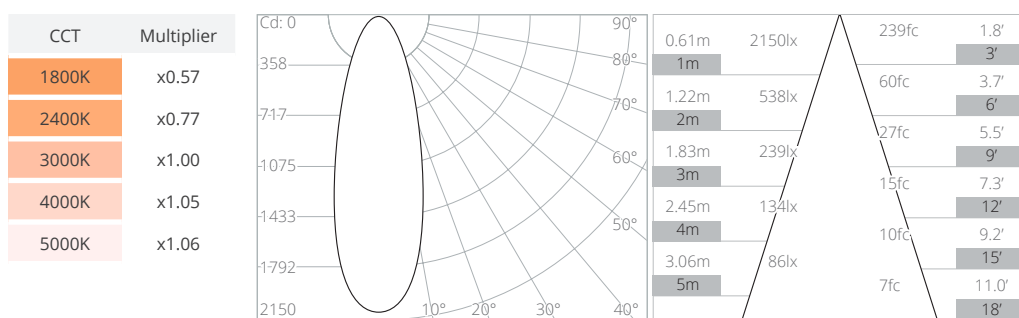
PERFORMANCE

FWHM	34°	Category	IP20
Luminous Flux	780 lm	Material	Machined AL 6063-T6 Machined Brass
Peak Intensity	2150 cd	Finishes	Brushed Aluminium White RAL9010 Black RAL9005 Rubbed Bronze* Polished Brass* Brushed Brass *
CCT	1800-3000K 2700-5000K	Weight	350g 0.77lb
CRI Min.	94 TYP	Mounting	Surface mounting plate
Drive Current	357 mA	Movement	Pan 360° Tilt 90°
Nom. Voltage	35 V	Lockable	Pan
Max. Wattage	12.50 W	Accessories	Separate Lenses Louver 55mm (2.16")
Dimming	DALI DT6 DALI DT8	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
1051T	-	-	-
	WH White RAL 9010	T01 1800K-3000K 94CRI	NA Narrow 17°
	BK Black RAL 9005	T02 2700K-5000K 94CRI	ME Medium 26°
	AL Brushed Aluminium		WD Wide 34°
	RB Rubbed Bronze		VW Very Wide 44°
	PB Polished Brass		
	SB Brushed Brass		

Example Code: **1051T-WH-T02WD**

*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 TUNABLE WHITE SURFACE

44° VERY WIDE BEAM

TUNABLE WHITE



OVERVIEW

Solo 16 Tunable White Surface is a constant current dual channel LED spotlight with the option of 2 CCT tuning ranges (1800-3000K / 2700-5000K) 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 12.50W 1050lm module has a peak intensity of 1500cd. An accessory holder is available separately that can accommodate 55mm (2.16") lenses and louvers. This product requires an external dual channel constant current LED driver.

UK PART L

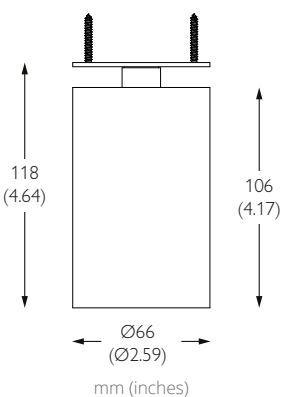
- Part L1A / L1B (Dwellings) ●
- Part L2A (General)
- Part L2A (Display) ●



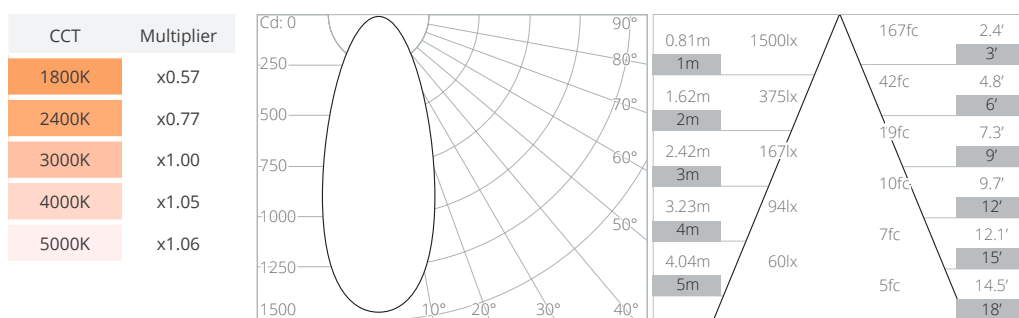
PERFORMANCE

FWHM	44°	Category	IP20
Luminous Flux	763 lm	Material	Machined AL 6063-T6 Machined Brass
Peak Intensity	1500 cd	Finishes	Brushed Aluminium White RAL9010 Black RAL9005 Rubbed Bronze* Polished Brass* Brushed Brass *
CCT	1800-3000K 2700-5000K	Weight	350g 0.77lb
CRI Min.	94 TYP	Mounting	Surface mounting plate
Drive Current	357 mA	Movement	Pan 360° Tilt 90°
Nom. Voltage	35 V	Lockable	Pan
Max. Wattage	12.50 W	Accessories	Separate Lenses Louver 55mm (2.16")
Dimming	DALI DT6 DALI DT8	TM65 TM66	16.05kgCO2e 2.4
Driver Type	Constant Current Remote	Lifetime	L90B10 50,000hrs 5 year warranty
Class	SELV Class III		

DIMENSIONS



PHOTOMETRY



ORDER CODE

Model	Finish	CCT	Beam Angle
1051T	-	-	-
	WH White RAL 9010	T01 1800K-3000K 94CRI	NA Narrow 17°
	BK Black RAL 9005	T02 2700K-5000K 94CRI	ME Medium 26°
	AL Brushed Aluminium		WD Wide 34°
	RB Rubbed Bronze		VW Very Wide 44°
	PB Polished Brass		
	SB Brushed Brass		

Example Code: **1051T-WH-T02VW**

*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 TUNABLE WHITE SURFACE

DRIVERS

20W | DALI DT6 OR DT8

NO. OF LIGHTS PER DRIVER 1

MIN DIM LEVEL 0.1%

VOLTAGE REGION 230V

FOR NORTH AMERICA No

WATTAGE 20W

SUPPLY TYPE Constant Current

DRIVER LOCATION Remote



DT6 CODE 1800-3000K PSCC-RM-1050T01-01D

CODE 2700-5000K PSCC-RM-1050T02-01D

DT8 CODE 1800-3000K PSCC-RM-1050T01-01E

CODE 2700-5000K PSCC-RM-1050T02-01E

LENGTH 184mm (7.22") WIDTH 41mm (1.63")

HEIGHT 30mm (1.18")



30W | DALI DT6 OR DT8

NO. OF LIGHTS PER DRIVER 1

MIN DIM LEVEL 0.1%

VOLTAGE REGION 120V

FOR NORTH AMERICA Yes

WATTAGE 30W

SUPPLY TYPE Constant Current

DRIVER LOCATION Remote



DT6 CODE 1800-3000K USCC-RM-1050T01-01D

CODE 2700-5000K USCC-RM-1050T02-01D

DT8 CODE 1800-3000K USCC-RM-1050T01-01E

CODE 2700-5000K USCC-RM-1050T02-01E

LENGTH 348mm (13.7") WIDTH 107mm (4.2")

HEIGHT 51mm (2.0")



50W | 0-10V DIM 0-10V CCT

NO. OF LIGHTS PER DRIVER 1

MIN DIM LEVEL 0.1%

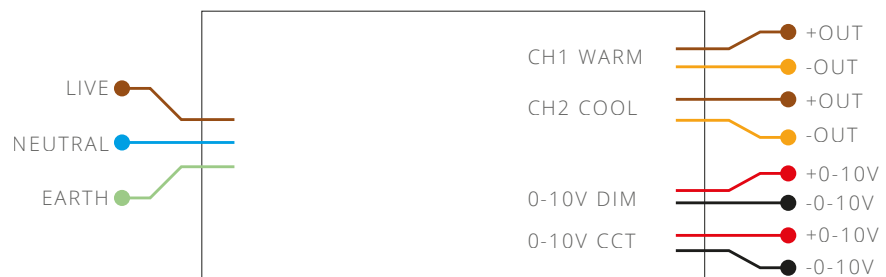
VOLTAGE REGION 120V

FOR NORTH AMERICA Yes

WATTAGE 50W

SUPPLY TYPE Constant Current

DRIVER LOCATION Remote



ORDER CODE 1800-3000K USCC-RM-1050T01-01A

ORDER CODE 2700-5000K USCC-RM-1050T02-01A

LENGTH 348mm (13.7") WIDTH 107mm (4.2")

HEIGHT 51mm (2.0")

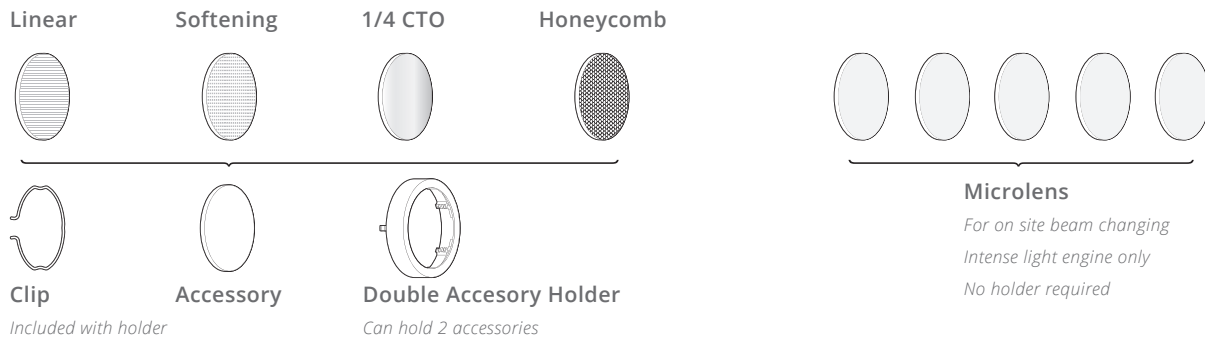


SOLO 16 SERIES SPOTLIGHT ACCESSORIES

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

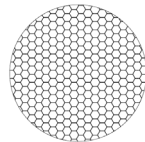


Honeycomb Louvre

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

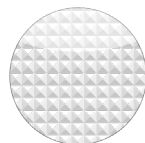


Softening Lens

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



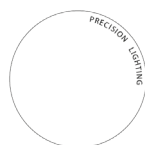
OPTICS

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

