

# 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**

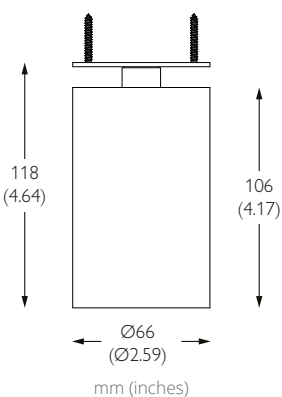
- Part L1A / L1B (Dwellings) ●
- Part L2A (General)
- Part L2A (Display) ●



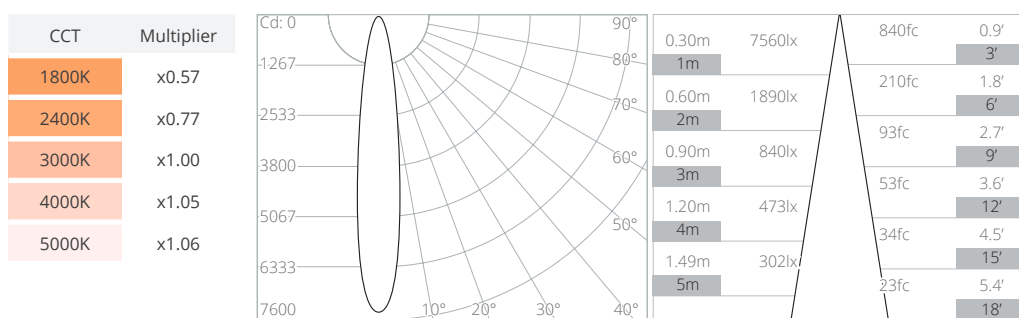
## PERFORMANCE

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



## ORDER CODE

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

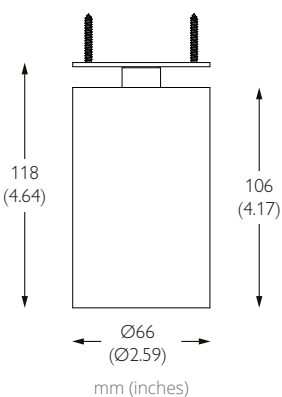
- Part L1A / L1B (Dwellings) ●
- Part L2A (General)
- Part L2A (Display) ●



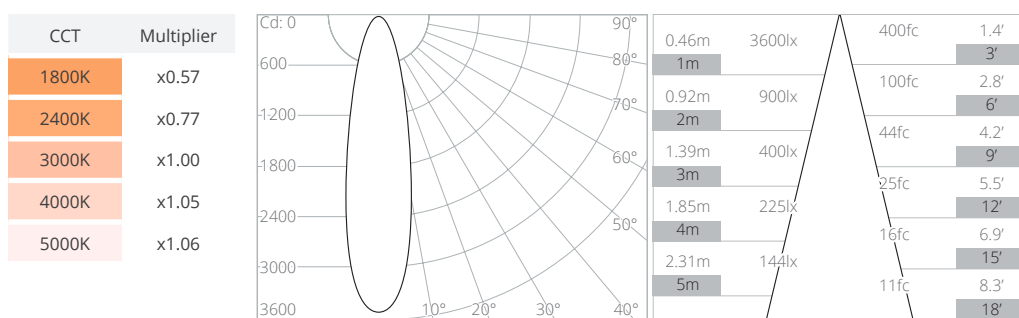
## PERFORMANCE

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	-	-	-
	<b>WH</b> White RAL 9010	<b>T01</b> 1800K-3000K 94CRI	<b>NA</b> Narrow 17°
	<b>BK</b> Black RAL 9005	<b>T02</b> 2700K-5000K 94CRI	<b>ME</b> Medium 26°
	<b>AL</b> Brushed Aluminium		<b>WD</b> Wide 34°
	<b>RB</b> Rubbed Bronze		<b>VW</b> Very Wide 44°
	<b>PB</b> Polished Brass		
	<b>SB</b> 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**

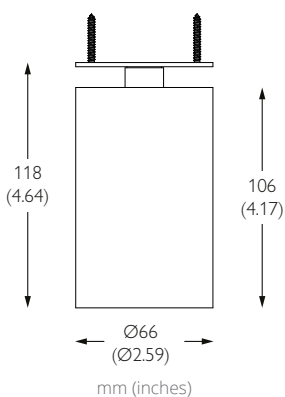
- Part L1A / L1B (Dwellings) ●
- Part L2A (General)
- Part L2A (Display) ●



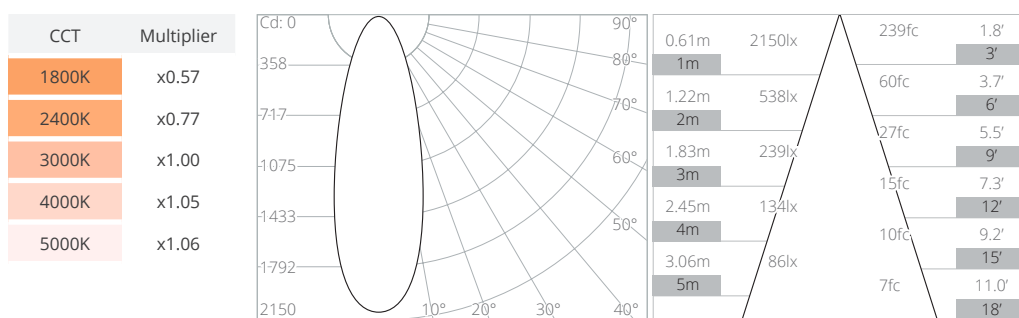
## PERFORMANCE

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



## ORDER CODE

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

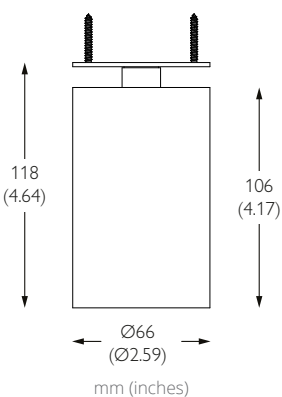
- Part L1A / L1B (Dwellings) ●
- Part L2A (General)
- Part L2A (Display) ●



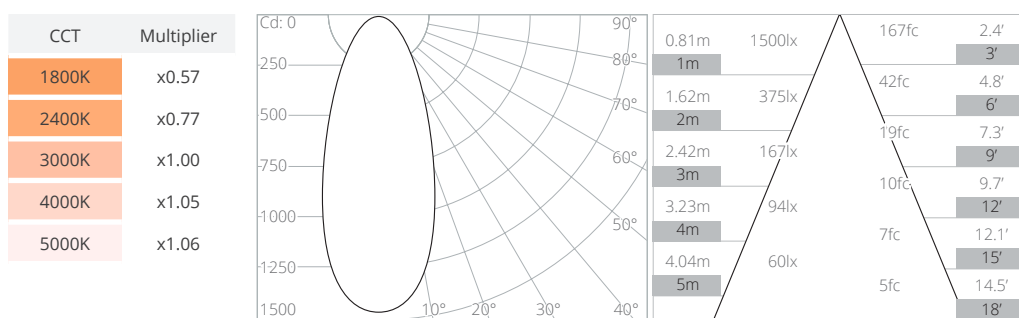
## PERFORMANCE

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	-	-	-
	<b>WH</b> White RAL 9010	<b>T01</b> 1800K-3000K 94CRI	<b>NA</b> Narrow 17°
	<b>BK</b> Black RAL 9005	<b>T02</b> 2700K-5000K 94CRI	<b>ME</b> Medium 26°
	<b>AL</b> Brushed Aluminium		<b>WD</b> Wide 34°
	<b>RB</b> Rubbed Bronze		<b>VW</b> Very Wide 44°
	<b>PB</b> Polished Brass		
	<b>SB</b> Brushed Brass		

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

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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%

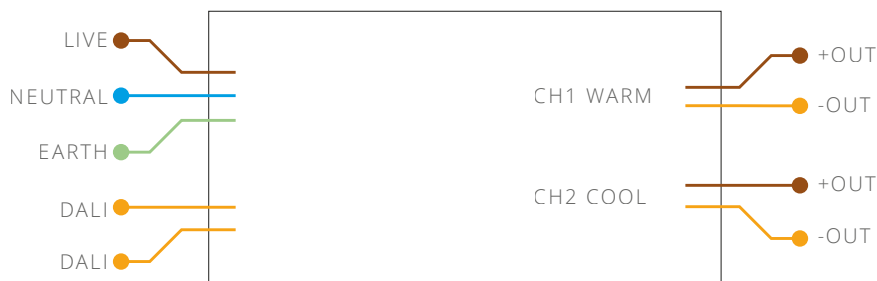
VOLTAGE REGION 120V

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%

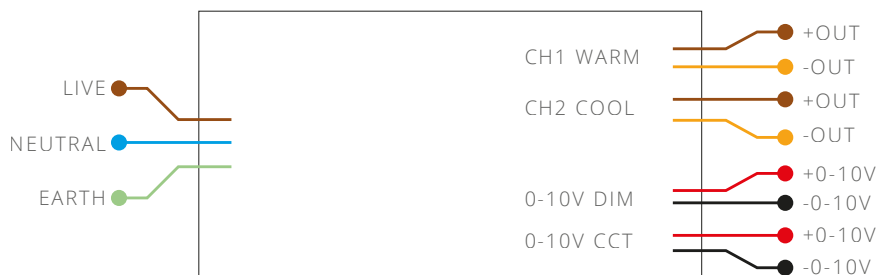
VOLTAGE REGION 120V

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")










## OPTICS & ACCESSORIES

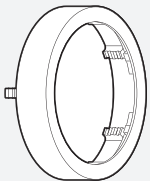
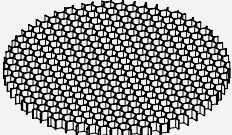
Optics can be changed in the field by simply unscrewing the optic cap, avoid touching the exposed LED when changing optic. Optics can be identified by molded ID no.

### Optics

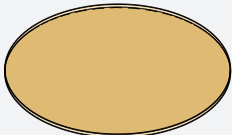

			
<b>Narrow TIR Optic</b> Molded ID 6731   FWHM 17° <b>Order Code</b> C16731-ILONA-SS	<b>Medium TIR Optic</b> Molded ID 6687   FWHM 26° <b>Order Code</b> C16687-ILONA-M	<b>Wide TIR Optic</b> Molded ID 6688   FWHM 34° <b>Order Code</b> C16688-ILONA-W	<b>Very Wide TIR Optic</b> Molded ID 7434   FWHM 44° <b>Order Code</b> C17434-ILONA-WW

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

<b>Linear</b> 	<b>Softening</b> 	<b>1/4 CTO</b> 	<b>Honeycomb</b> 
			
<b>Clip</b> <i>Included with holder</i>	<b>Accessory</b>	<b>Double Accessory Holder</b> <i>Can hold 2 accessories</i>	

<b>Accessory Holder</b> 	<b>Glare Control</b> 	<b>Beam Shaping</b>	
<b>Double Accessory Holder</b> Ø63x14mm   Ø2.48x0.551" <b>Order Code</b> 254-BK	<b>Honeycomb Louvre</b> Ø55x3.2mm   Ø2.16x0.126" <b>Order Code</b> 995-55-BK	<b>Softening Lens</b> Ø55x3.2mm   Ø2.16x0.126" <b>Order Code</b> 992-55	<b>Linear Lens</b> Ø55x3.2mm   Ø2.16x0.126" <b>Order Code</b> 992-55

### Colour Modifiers

	
<b>1/4 CTO Filter</b> Ø55x1.8mm   Ø2.16x0.071" <b>Order Code</b> 997-1/4CTO-55	<b>Custom Colour Filter</b> Ø55x1.8mm   Ø2.16x0.071" <b>Order Code</b> Contact Sales Rep