

# SOLO 11 DYNAMIC WHITE SURFACE

## 20° MEDIUM BEAM



### TECHNICAL DESCRIPTION

Solo 11 Dynamic 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 three site-changeable optics for flexible beam distribution and 360° lockable pan and 90° constant torque tilt. The medium beam in our 9.18W 550lm module has a peak intensity of 3062cd. An accessory holder is available separately that can accommodate 37mm (1.45") lenses and louvers. This product requires an external dual channel constant current LED driver.

### MECHANICAL & ELECTRICAL

<b>CATEGORY</b> IP20	<b>WATTAGE</b> 9.18W
<b>MATERIAL</b> Machined AL 6063-T6   Machined Brass	<b>FORWARD VOLTAGE</b> 36V
<b>PAN</b> 360°	<b>SUPPLY TYPE</b> Constant Current Dual Channel
<b>TILT</b> 90°	<b>DRIVER LOCATION</b> Remote
<b>LOCKABLE</b> Pan	<b>DIMMING</b> DALI   0-10V   Casambi
<b>WEIGHT</b> 150g   0.33lb	

### MOUNTING

<b>MOUNTING</b> Surface mounting plate	<b>CUTOUT</b> N/A
<b>CEILING THICKNESS</b> N/A	<b>MIN CEILING VOID</b> N/A

### FINISHES

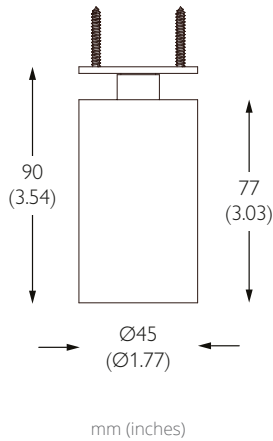
**FINISHES** Brushed Aluminium | White RAL9010 | Black RAL9005 | Rubbed Bronze\* | Polished Brass\* | Brushed Brass\*  
\*Premium & custom finishes are built & finished to order. These are subject to an extended lead time & MOQ.

### OPTICAL & STANDARDS

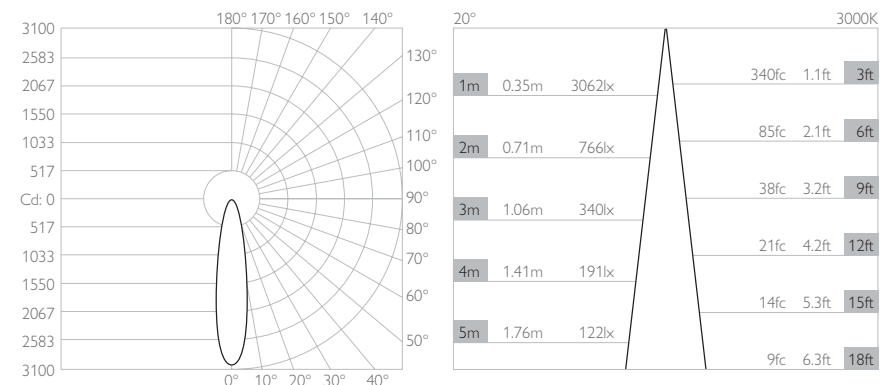
<b>NOMINAL LUMENS</b> 550lm	<b>BEAM ANGLE</b> 20°
<b>DELIVERED LUMENS</b> 530lm	<b>CRI</b> 94 TYP
<b>COLOUR TEMPERATURE</b> 1800-3000K   2700-5000K	<b>TM-30</b> RF: 92 RG: 99
<b>ACCESSORY HOLDER</b> Separate	<b>WARRANTY</b> 5 Years
<b>ACCESSORIES</b> Lenses   Louver 37mm (1.45")	<b>LIFETIME</b> L90B10 50,000hrs
<b>TM65</b> 10.18kgCO2e	<b>STANDARDS</b>
<b>TM66</b> 2.2	



All data is for 2700-5000K module at 3000K. Scaling table shows output at different CCT settings.



LIGHT ENGINE		OUTPUT SCALING	
1800-3000K	2700-5000K	Scaling Value	Delivered lm
1800K		0.55	292lm
2100K		0.75	398lm
2400K		0.94	498lm
2700K	2700K	1.00	530lm
<b>3000K</b>	<b>3000K</b>	<b>1.00</b>	<b>530lm</b>
	3500K	1.02	541lm
	4000K	1.02	546lm
	4500K	1.02	541lm
	5000K	0.99	525lm



MODEL	LUMINAIRE FINISH	LED CCT	BEAM ANGLE
1041T	<ul style="list-style-type: none"> <li>WH White 9010</li> <li>BK Black 9005</li> <li>AL Brushed Aluminium</li> <li>RB Rubbed Bronze*</li> <li>PB Polished Brass*</li> <li>SB Brushed Brass*</li> </ul>	<ul style="list-style-type: none"> <li>T01 1800K-3000K 94CRI</li> <li>T02 2700K-5000K 94CRI</li> </ul>	<ul style="list-style-type: none"> <li>ME Medium 20°</li> <li>WD Wide 36°</li> <li>VW Very Wide 50°</li> </ul>

Example Code: 1041T - WH - T01ME

\*Premium & custom finishes are built to order, subject to an extended lead time & MOQ

# SOLO 11 DYNAMIC WHITE SURFACE

36° WIDE BEAM



## TECHNICAL DESCRIPTION

Solo 11 Dynamic 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 three site-changeable optics for flexible beam distribution and 360° lockable pan and 90° constant torque tilt. The wide beam in our 9.18W 550lm module has a peak intensity of 1297cd. An accessory holder is available separately that can accommodate 37mm (1.45") lenses and louvers. This product requires an external dual channel constant current LED driver.

## MECHANICAL & ELECTRICAL

<b>CATEGORY</b> IP20	<b>WATTAGE</b> 9.18W
<b>MATERIAL</b> Machined AL 6063-T6   Machined Brass	<b>FORWARD VOLTAGE</b> 36V
<b>PAN</b> 360°	<b>SUPPLY TYPE</b> Constant Current Dual Channel
<b>TILT</b> 90°	<b>DRIVER LOCATION</b> Remote
<b>LOCKABLE</b> Pan	<b>DIMMING</b> DALI   0-10V   Casambi
<b>WEIGHT</b> 150g   0.33lb	

## MOUNTING

<b>MOUNTING</b> Surface mounting plate	<b>CUTOUT</b> N/A
<b>CEILING THICKNESS</b> N/A	<b>MIN CEILING VOID</b> N/A

## FINISHES

**FINISHES** Brushed Aluminium | White RAL9010 | Black RAL9005 | Rubbed Bronze\* | Polished Brass\* | Brushed Brass \*

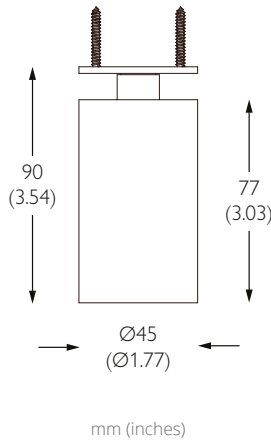
\*Premium & custom finishes are built & finished to order. These are subject to an extended lead time & MOQ.

## OPTICAL & STANDARDS

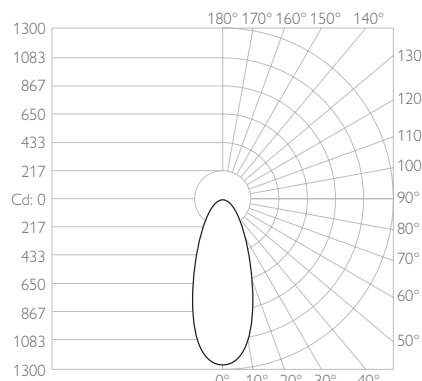
<b>NOMINAL LUMENS</b> 550lm	<b>BEAM ANGLE</b> 36°
<b>DELIVERED LUMENS</b> 518lm	<b>CRI</b> 94 TYP
<b>COLOUR TEMPERATURE</b> 1800-3000K   2700-5000K	<b>TM-30</b> RF: 92 RG: 99
<b>ACCESSORY HOLDER</b> Separate	<b>WARRANTY</b> 5 Years
<b>ACCESSORIES</b> Lenses   Louver 37mm (1.45")	<b>LIFETIME</b> L90B10 50,000hrs
<b>TM65</b> 10.18kgCO2e	<b>STANDARDS</b>
<b>TM66</b> 2.2	



All data is for 2700-5000K module at 3000K. Scaling table shows output at different CCT settings.



LIGHT ENGINE		OUTPUT SCALING	
1800-3000K	2700-5000K	Scaling Value	Delivered lm
1800K		0.55	285lm
2100K		0.75	389lm
2400K		0.94	487lm
2700K	2700K	1.00	518lm
<b>3000K</b>	<b>3000K</b>	<b>1.00</b>	<b>518lm</b>
	3500K	1.02	528lm
	4000K	1.02	534lm
	4500K	1.02	528lm
	5000K	0.99	513lm



Beam Distance	Beam Diameter	Beam Spread	Beam Height
1m	0.65m	1297lx	144fc 1.9ft 3ft
2m	1.3m	324lx	36fc 3.9ft 6ft
3m	1.95m	144lx	16fc 5.8ft 9ft
4m	2.6m	81lx	9fc 7.8ft 12ft
5m	3.25m	52lx	6fc 9.7ft 15ft
			4fc 11.7ft 18ft

MODEL	LUMINAIRE FINISH	LED CCT	BEAM ANGLE
1041T	<ul style="list-style-type: none"> <li>WH White 9010</li> <li>BK Black 9005</li> <li>AL Brushed Aluminium</li> <li>RB Rubbed Bronze*</li> <li>PB Polished Brass*</li> <li>SB Brushed Brass*</li> </ul>	<ul style="list-style-type: none"> <li>T01 1800K-3000K 94CRI</li> <li>T02 2700K-5000K 94CRI</li> </ul>	<ul style="list-style-type: none"> <li>ME Medium 20°</li> <li>WD Wide 36°</li> <li>VW Very Wide 50°</li> </ul>

Example Code: 1041T - WH - T01ME

\*Premium & custom finishes are built to order, subject to an extended lead time & MOQ

# SOLO 11 DYNAMIC WHITE SURFACE

50° VERY WIDE BEAM



## TECHNICAL DESCRIPTION

Solo 11 Dynamic 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 three site-changeable optics for flexible beam distribution and 360° lockable pan and 90° constant torque tilt. The very wide beam in our 9.18W 550lm module has a peak intensity of 623cd. An accessory holder is available separately that can accommodate 37mm (1.45") lenses and louvers. This product requires an external dual channel constant current LED driver.

## MECHANICAL & ELECTRICAL

<b>CATEGORY</b> IP20	<b>WATTAGE</b> 9.18W
<b>MATERIAL</b> Machined AL 6063-T6   Machined Brass	<b>FORWARD VOLTAGE</b> 36V
<b>PAN</b> 360°	<b>SUPPLY TYPE</b> Constant Current Dual Channel
<b>TILT</b> 90°	<b>DRIVER LOCATION</b> Remote
<b>LOCKABLE</b> Pan	<b>DIMMING</b> DALI   0-10V   Casambi
<b>WEIGHT</b> 150g   0.33lb	

## MOUNTING

<b>MOUNTING</b> Surface mounting plate	<b>CUTOUT</b> N/A
<b>CEILING THICKNESS</b> N/A	<b>MIN CEILING VOID</b> N/A

## FINISHES

**FINISHES** Brushed Aluminium | White RAL9010 | Black RAL9005 | Rubbed Bronze\* | Polished Brass\* | Brushed Brass \*

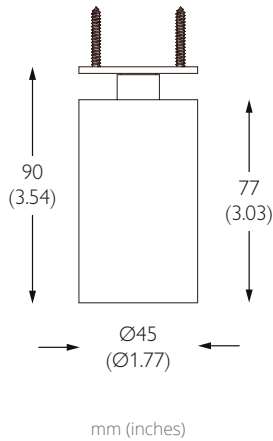
\*Premium & custom finishes are built & finished to order. These are subject to an extended lead time & MOQ.

## OPTICAL & STANDARDS

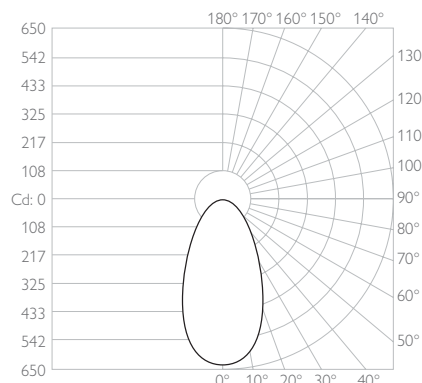
<b>NOMINAL LUMENS</b> 550lm	<b>BEAM ANGLE</b> 50°
<b>DELIVERED LUMENS</b> 417lm	<b>CRI</b> 94 TYP
<b>COLOUR TEMPERATURE</b> 1800-3000K   2700-5000K	<b>TM-30</b> RF: 92 RG: 99
<b>ACCESSORY HOLDER</b> Separate	<b>WARRANTY</b> 5 Years
<b>ACCESSORIES</b> Lenses   Louver 37mm (1.45")	<b>LIFETIME</b> L90B10 50,000hrs
<b>TM65</b> 10.18kgCO2e	<b>STANDARDS</b>
<b>TM66</b> 2.2	



All data is for 2700-5000K module at 3000K. Scaling table shows output at different CCT settings.



LIGHT ENGINE		OUTPUT SCALING	
1800-3000K	2700-5000K	Scaling Value	Delivered lm
1800K		0.55	229lm
2100K		0.75	313lm
2400K		0.94	392lm
2700K	2700K	1.00	417lm
<b>3000K</b>	<b>3000K</b>	<b>1.00</b>	<b>417lm</b>
	3500K	1.02	425lm
	4000K	1.02	430lm
	4500K	1.02	425lm
	5000K	0.99	413lm



Beam Distance	Beam Diameter	Beam Area	Beam Height	Beam Width
1m	0.93m	623lx	69fc	2.8ft
2m	1.87m	156lx	17fc	5.6ft
3m	2.8m	69lx	8fc	8.4ft
4m	3.73m	39lx	4fc	11.2ft
5m	4.66m	25lx	3fc	14ft
			2fc	16.8ft

MODEL	LUMINAIRE FINISH	LED CCT	BEAM ANGLE
1041T	<ul style="list-style-type: none"> <li>WH White 9010</li> <li>BK Black 9005</li> <li>AL Brushed Aluminium</li> <li>RB Rubbed Bronze*</li> <li>PB Polished Brass*</li> <li>SB Brushed Brass*</li> </ul>	<ul style="list-style-type: none"> <li>T01 1800K-3000K 94CRI</li> <li>T02 2700K-5000K 94CRI</li> </ul>	<ul style="list-style-type: none"> <li>ME Medium 20°</li> <li>WD Wide 36°</li> <li>VW Very Wide 50°</li> </ul>

Example Code: 1041T - WH - T01ME

\*Premium & custom finishes are built to order, subject to an extended lead time & MOQ

# SOLO 11 DYNAMIC WHITE

## DRIVER COMPATIBILITY

### ELDOLED | 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  
 MANUFACTURER Eldoled



DT6 CODE 1800-3000K PSCC-1040T01DT6M-E1  
 CODE 2700-5000K PSCC-1040T02DT6M-E1  
 DT8 CODE 1800-3000K PSCC-1040T01DT8M-E1  
 CODE 2700-5000K PSCC-1040T02DT8M-E1

LENGTH 184mm (7.22") WIDTH 41mm (1.63") HEIGHT 30mm (1.18")



### ELDOLED | 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  
 MANUFACTURER Eldoled



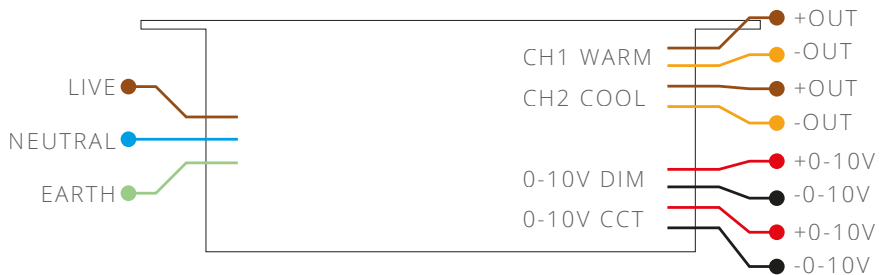
DT6 CODE 1800-3000K USCC-1040T01DT6M-E1  
 CODE 2700-5000K USCC-1040T02DT6M-E1  
 DT8 CODE 1800-3000K USCC-1040T01DT8M-E1  
 CODE 2700-5000K USCC-1040T02DT8M-E1

LENGTH 348mm (13.7") WIDTH 107mm (4.2") HEIGHT 51mm (2.0")



### ELDOLED | 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  
 MANUFACTURER Eldoled



ORDER CODE 1800-3000K USCC-1040T01010M-E1  
 ORDER CODE 2700-5000K USCC-1040T02010M-E1

LENGTH 348mm (13.7") WIDTH 107mm (4.2") HEIGHT 51mm (2.0")

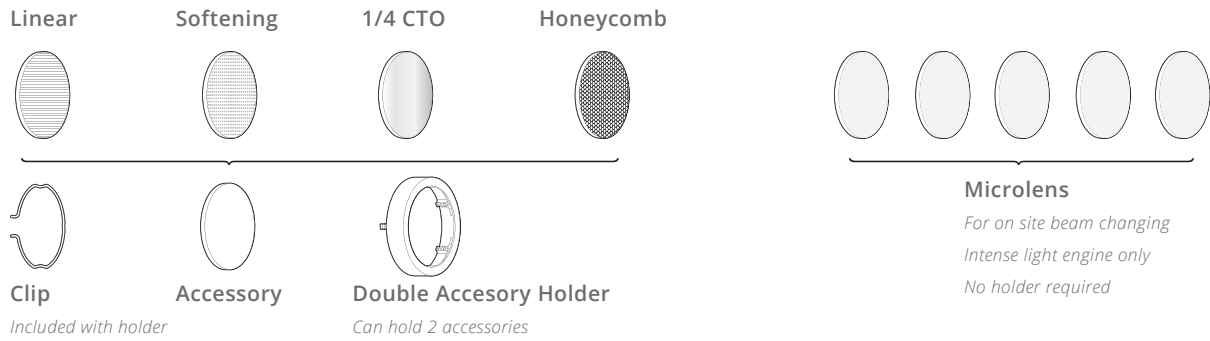


# SOLO 11 SERIES SPOTLIGHT ACCESSORIES

FOR USE WITH SOLO 11 INTENSE | PLUS | DYNAMIC WHITE

## ACCESSORIES

The Solo 11 series track and surface spotlights can accommodate accessories with a snap in accessory holder.



### Double Accessory Holder

Can hold 2 accessories

**HEIGHT** 13mm (0.512")  
**DAIMETER** 43mm (1.693")

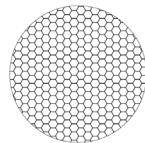


**PART CODE** 244-BK

### Honeycomb Louvre

Enhances glare control

**THICKNESS** 3.2mm (0.126")  
**DAIMETER** 37mm (1.260")



**PART CODE** 995-37-BK

### 1/4 CTO Dichroic

CCT warming - approx 300K

**THICKNESS** 1.8mm (0.071")  
**DAIMETER** 37mm (1.260")

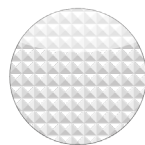


**PART CODE** 997-1/4CTO-37

### Softening Lens

Heavy Diffusion of beam

**THICKNESS** 3.2mm (0.126")  
**DAIMETER** 37mm (1.260")



**PART CODE** 991-37

### Linear Lens

Elongates beam

**THICKNESS** 3.9mm (0.154")  
**DAIMETER** 37mm (1.260")

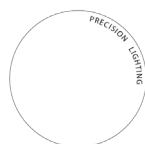


**PART CODE** 992-37

### Microlens - Intense Light Engine Only

For on site beam angle changes. No holder required.

**THICKNESS** 1.0mm (0.039")  
**DAIMETER** 29.5mm (1.14")



**PART CODE**

911-01	Ultra Narrow
911-02	Narrow
911-03	Medium
911-04	Flood
911-05	Wide Flood