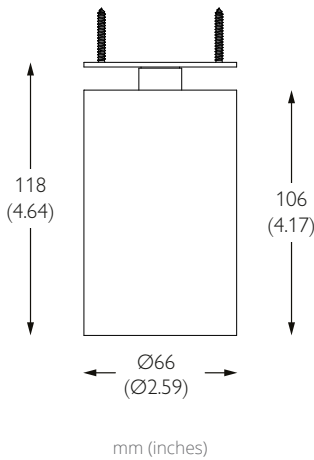


# SOLO 16 SURFACE

## 6° ULTRA NARROW BEAM



### TECHNICAL DESCRIPTION

Solo 16 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 8.40W 700lm module has a peak intensity of 28223cd. An accessory holder is available separately that can accommodate 55mm (2.16") lenses and louvers. This product requires an external 700mA 12V Constant Current LED driver.

### MECHANICAL & ELECTRICAL

|                                                      |                                               |
|------------------------------------------------------|-----------------------------------------------|
| <b>CATEGORY</b> IP20                                 | <b>WATTAGE</b> 8.40W                          |
| <b>MATERIAL</b> Machined AL 6063-T6   Machined Brass | <b>FORWARD VOLTAGE</b> 12V                    |
| <b>PAN</b> 360°                                      | <b>DRIVE CURRENT</b> 700mA                    |
| <b>TILT</b> 90°                                      | <b>SUPPLY TYPE</b> Constant Current           |
| <b>LOCKABLE</b> Pan                                  | <b>DRIVER LOCATION</b> Remote                 |
| <b>WEIGHT</b> 350g   0.77lb                          | <b>DIMMING</b> DALI   0-10V   1-10V   Casambi |

### 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 \*

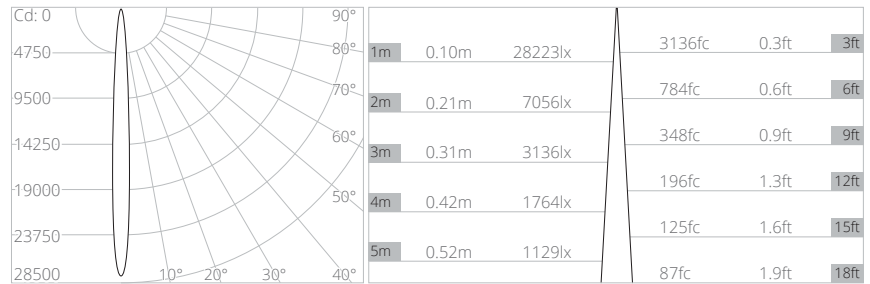
\*Premium & custom finishes are built & finished to order. These are subject to an extended lead time & MOQ.

### OPTICAL & STANDARDS

|                                                 |                                   |
|-------------------------------------------------|-----------------------------------|
| <b>NOMINAL LUMENS</b> 700lm                     | <b>BEAM ANGLE</b> 6°              |
| <b>DELIVERED LUMENS</b> 650lm                   | <b>CRI</b> 92 TYP                 |
| <b>COLOUR TEMPERATURE</b> 2700K   3000K         | <b>TM-30</b> RF: 90 RG: 99        |
| <b>ACCESSORY HOLDER</b> Separate                | <b>WARRANTY</b> 5 Years           |
| <b>ACCESSORIES</b> Lenses   Louver 55mm (2.16") | <b>LIFETIME</b> L90B10 100,000hrs |
| <b>TM65</b> 16.05kgCO2e                         | <b>STANDARDS</b>                  |
| <b>TM66</b> 2.4                                 |                                   |



Photometry shown is for 3000K module. Please enquire for other CCT photometry.



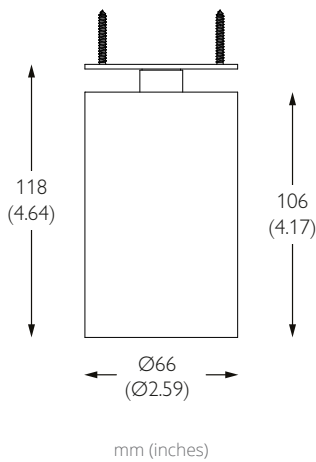
| MODEL | LUMINAIRE FINISH                                                                                                                                                                                       | LED CCT                                                                                                                | BEAM ANGLE                                                                                                                                       |
|-------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| 1051  | <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>2792 2700K 92CRI</li> <li>3092 3000K 92CRI</li> <li>4092 4000K 92CRI</li> </ul> | <ul style="list-style-type: none"> <li>06 Ultra Narrow</li> <li>10 Narrow</li> <li>15 Medium</li> <li>30 Flood</li> <li>55 Wide Flood</li> </ul> |

Example Code: 1051 - BK - 309210 - D

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

# SOLO 16 SURFACE

10° NARROW BEAM



## TECHNICAL DESCRIPTION

Solo 16 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 8.40W 700lm module has a peak intensity of 15476cd. An accessory holder is available separately that can accommodate 55mm (2.16") lenses and louvers. This product requires an external 700mA 12V Constant Current LED driver.

## MECHANICAL & ELECTRICAL

|                                                      |                                               |
|------------------------------------------------------|-----------------------------------------------|
| <b>CATEGORY</b> IP20                                 | <b>WATTAGE</b> 8.40W                          |
| <b>MATERIAL</b> Machined AL 6063-T6   Machined Brass | <b>FORWARD VOLTAGE</b> 12V                    |
| <b>PAN</b> 360°                                      | <b>DRIVE CURRENT</b> 700mA                    |
| <b>TILT</b> 90°                                      | <b>SUPPLY TYPE</b> Constant Current           |
| <b>LOCKABLE</b> Pan                                  | <b>DRIVER LOCATION</b> Remote                 |
| <b>WEIGHT</b> 350g   0.77lb                          | <b>DIMMING</b> DALI   0-10V   1-10V   Casambi |

## 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 \*

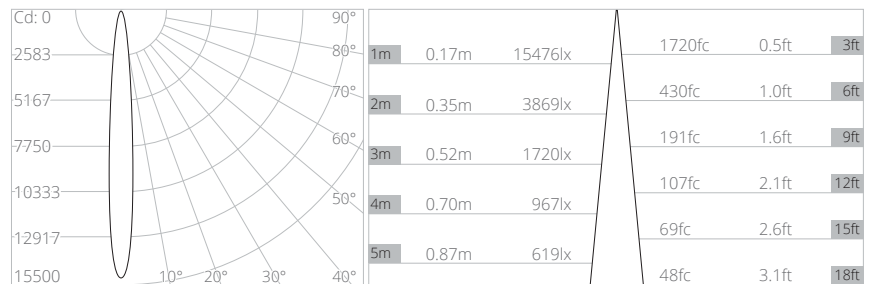
\*Premium & custom finishes are built & finished to order. These are subject to an extended lead time & MOQ.

## OPTICAL & STANDARDS

|                                                 |                                   |
|-------------------------------------------------|-----------------------------------|
| <b>NOMINAL LUMENS</b> 700lm                     | <b>BEAM ANGLE</b> 10°             |
| <b>DELIVERED LUMENS</b> 653lm                   | <b>CRI</b> 92 TYP                 |
| <b>COLOUR TEMPERATURE</b> 2700K   3000K         | <b>TM-30</b> RF: 90 RG: 99        |
| <b>ACCESSORY HOLDER</b> Separate                | <b>WARRANTY</b> 5 Years           |
| <b>ACCESSORIES</b> Lenses   Louver 55mm (2.16") | <b>LIFETIME</b> L90B10 100,000hrs |
| <b>TM65</b> 16.05kgCO <sub>2</sub> e            | <b>STANDARDS</b>                  |
| <b>TM66</b> 2.4                                 |                                   |



Photometry shown is for 3000K module. Please enquire for other CCT photometry.



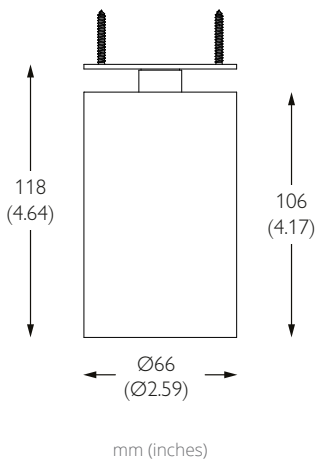
| MODEL | LUMINAIRE FINISH                                                                                                                                                                                       | LED CCT                                                                                                                | BEAM ANGLE                                                                                                                                       |
|-------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| 1051  | <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>2792 2700K 92CRI</li> <li>3092 3000K 92CRI</li> <li>4092 4000K 92CRI</li> </ul> | <ul style="list-style-type: none"> <li>06 Ultra Narrow</li> <li>10 Narrow</li> <li>15 Medium</li> <li>30 Flood</li> <li>55 Wide Flood</li> </ul> |

Example Code: 1051 - BK - 309210 - D

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

# SOLO 16 SURFACE

## 16° MEDIUM BEAM



### TECHNICAL DESCRIPTION

Solo 16 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 8.40W 700lm module has a peak intensity of 5671cd. An accessory holder is available separately that can accommodate 55mm (2.16") lenses and louvers. This product requires an external 700mA 12V Constant Current LED driver.

### MECHANICAL & ELECTRICAL

|                                                      |                                               |
|------------------------------------------------------|-----------------------------------------------|
| <b>CATEGORY</b> IP20                                 | <b>WATTAGE</b> 8.40W                          |
| <b>MATERIAL</b> Machined AL 6063-T6   Machined Brass | <b>FORWARD VOLTAGE</b> 12V                    |
| <b>PAN</b> 360°                                      | <b>DRIVE CURRENT</b> 700mA                    |
| <b>TILT</b> 90°                                      | <b>SUPPLY TYPE</b> Constant Current           |
| <b>LOCKABLE</b> Pan                                  | <b>DRIVER LOCATION</b> Remote                 |
| <b>WEIGHT</b> 350g   0.77lb                          | <b>DIMMING</b> DALI   0-10V   1-10V   Casambi |

### 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 \*

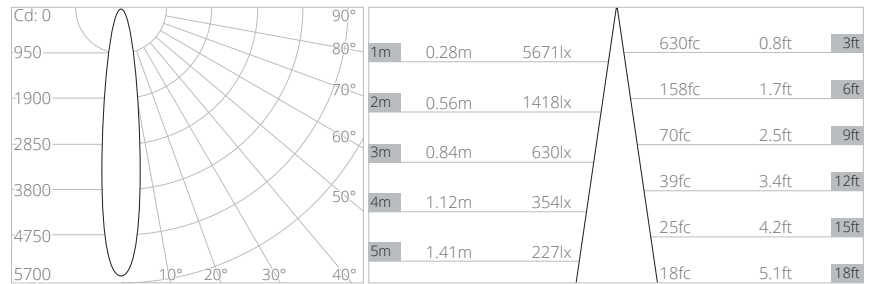
\*Premium & custom finishes are built & finished to order. These are subject to an extended lead time & MOQ.

### OPTICAL & STANDARDS

|                                                 |                                   |
|-------------------------------------------------|-----------------------------------|
| <b>NOMINAL LUMENS</b> 700lm                     | <b>BEAM ANGLE</b> 16°             |
| <b>DELIVERED LUMENS</b> 623lm                   | <b>CRI</b> 92 TYP                 |
| <b>COLOUR TEMPERATURE</b> 2700K   3000K         | <b>TM-30</b> RF: 90 RG: 99        |
| <b>ACCESSORY HOLDER</b> Separate                | <b>WARRANTY</b> 5 Years           |
| <b>ACCESSORIES</b> Lenses   Louver 55mm (2.16") | <b>LIFETIME</b> L90B10 100,000hrs |
| <b>TM65</b> 16.05kgCO2e                         | <b>STANDARDS</b>                  |
| <b>TM66</b> 2.4                                 |                                   |



Photometry shown is for 3000K module. Please enquire for other CCT photometry.



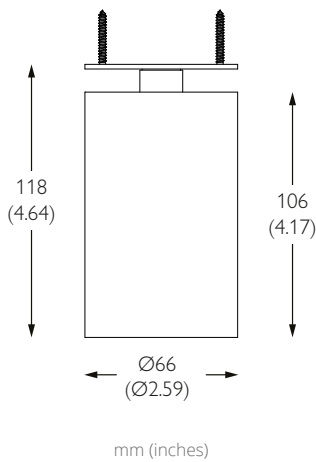
| MODEL | LUMINAIRE FINISH                                                                                                                                                                                       | LED CCT                                                                                                                | BEAM ANGLE                                                                                                                                       |
|-------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| 1051  | <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>2792 2700K 92CRI</li> <li>3092 3000K 92CRI</li> <li>4092 4000K 92CRI</li> </ul> | <ul style="list-style-type: none"> <li>06 Ultra Narrow</li> <li>10 Narrow</li> <li>15 Medium</li> <li>30 Flood</li> <li>55 Wide Flood</li> </ul> |

Example Code: 1051 - BK - 309210 - D

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

# SOLO 16 SURFACE

## 30° FLOOD BEAM



### TECHNICAL DESCRIPTION

Solo 16 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 8.40W 700lm module has a peak intensity of 1652cd. An accessory holder is available separately that can accommodate 55mm (2.16") lenses and louvers. This product requires an external 700mA 12V Constant Current LED driver.

### MECHANICAL & ELECTRICAL

|                                                      |                                               |
|------------------------------------------------------|-----------------------------------------------|
| <b>CATEGORY</b> IP20                                 | <b>WATTAGE</b> 8.40W                          |
| <b>MATERIAL</b> Machined AL 6063-T6   Machined Brass | <b>FORWARD VOLTAGE</b> 12V                    |
| <b>PAN</b> 360°                                      | <b>DRIVE CURRENT</b> 700mA                    |
| <b>TILT</b> 90°                                      | <b>SUPPLY TYPE</b> Constant Current           |
| <b>LOCKABLE</b> Pan                                  | <b>DRIVER LOCATION</b> Remote                 |
| <b>WEIGHT</b> 350g   0.77lb                          | <b>DIMMING</b> DALI   0-10V   1-10V   Casambi |

### 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

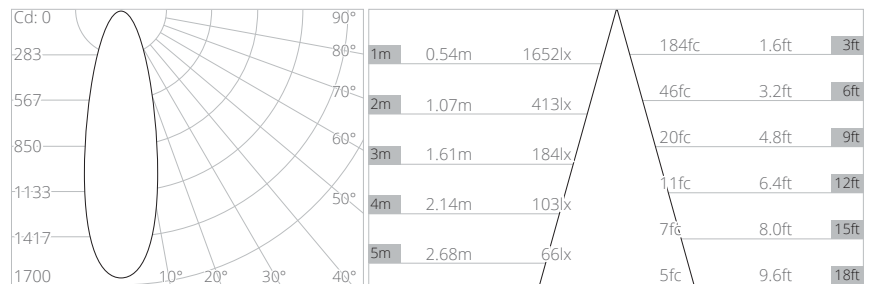
**FINISHES** Brushed Aluminium | White RAL9010 | Black RAL9005 | Rubbed Bronze\* | Polished Brass\* | Brushed Brass\*  
 \*Premium & custom finishes are built & finished to order. These are subject to an extended lead time & MOQ.

### OPTICAL & STANDARDS

|                                                 |                                   |
|-------------------------------------------------|-----------------------------------|
| <b>NOMINAL LUMENS</b> 700lm                     | <b>BEAM ANGLE</b> 30°             |
| <b>DELIVERED LUMENS</b> 637lm                   | <b>CRI</b> 92 TYP                 |
| <b>COLOUR TEMPERATURE</b> 2700K   3000K         | <b>TM-30</b> RF: 90 RG: 99        |
| <b>ACCESSORY HOLDER</b> Separate                | <b>WARRANTY</b> 5 Years           |
| <b>ACCESSORIES</b> Lenses   Louver 55mm (2.16") | <b>LIFETIME</b> L90B10 100,000hrs |
| <b>TM65</b> 16.05kgCO2e                         | <b>STANDARDS</b>                  |
| <b>TM66</b> 2.4                                 |                                   |



Photometry shown is for 3000K module. Please enquire for other CCT photometry.



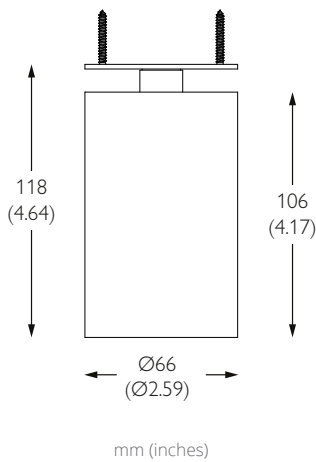
| MODEL | LUMINAIRE FINISH                                                                                                                                                                                       | LED CCT                                                                                                                | BEAM ANGLE                                                                                                                                       |
|-------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| 1051  | <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>2792 2700K 92CRI</li> <li>3092 3000K 92CRI</li> <li>4092 4000K 92CRI</li> </ul> | <ul style="list-style-type: none"> <li>06 Ultra Narrow</li> <li>10 Narrow</li> <li>15 Medium</li> <li>30 Flood</li> <li>55 Wide Flood</li> </ul> |

Example Code: 1051 - BK - 309210 - D

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

# SOLO 16 SURFACE

## 50° WIDE FLOOD BEAM



### TECHNICAL DESCRIPTION

Solo 16 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 8.40W 700lm module has a peak intensity of 633cd. An accessory holder is available separately that can accommodate 55mm (2.16") lenses and louvers. This product requires an external 700mA 12V Constant Current LED driver.

### MECHANICAL & ELECTRICAL

|                                                      |                                               |
|------------------------------------------------------|-----------------------------------------------|
| <b>CATEGORY</b> IP20                                 | <b>WATTAGE</b> 8.40W                          |
| <b>MATERIAL</b> Machined AL 6063-T6   Machined Brass | <b>FORWARD VOLTAGE</b> 12V                    |
| <b>PAN</b> 360°                                      | <b>DRIVE CURRENT</b> 700mA                    |
| <b>TILT</b> 90°                                      | <b>SUPPLY TYPE</b> Constant Current           |
| <b>LOCKABLE</b> Pan                                  | <b>DRIVER LOCATION</b> Remote                 |
| <b>WEIGHT</b> 350g   0.77lb                          | <b>DIMMING</b> DALI   0-10V   1-10V   Casambi |

### 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 \*

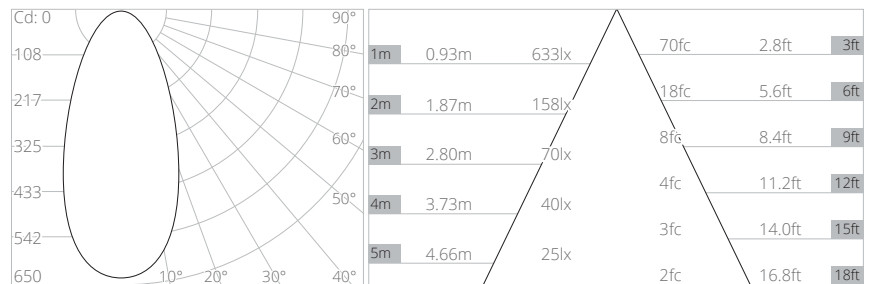
\*Premium & custom finishes are built & finished to order. These are subject to an extended lead time & MOQ.

### OPTICAL & STANDARDS

|                                                 |                                   |
|-------------------------------------------------|-----------------------------------|
| <b>NOMINAL LUMENS</b> 700lm                     | <b>BEAM ANGLE</b> 50°             |
| <b>DELIVERED LUMENS</b> 605lm                   | <b>CRI</b> 92 TYP                 |
| <b>COLOUR TEMPERATURE</b> 2700K   3000K         | <b>TM-30</b> RF: 90 RG: 99        |
| <b>ACCESSORY HOLDER</b> Separate                | <b>WARRANTY</b> 5 Years           |
| <b>ACCESSORIES</b> Lenses   Louver 55mm (2.16") | <b>LIFETIME</b> L90B10 100,000hrs |
| <b>TM65</b> 16.05kgCO2e                         | <b>STANDARDS</b>                  |
| <b>TM66</b> 2.4                                 |                                   |



Photometry shown is for 3000K module. Please enquire for other CCT photometry.



| MODEL | LUMINAIRE FINISH                                                                                                                                                                                       | LED CCT                                                                                                                | BEAM ANGLE                                                                                                                                       |
|-------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| 1051  | <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>2792 2700K 92CRI</li> <li>3092 3000K 92CRI</li> <li>4092 4000K 92CRI</li> </ul> | <ul style="list-style-type: none"> <li>06 Ultra Narrow</li> <li>10 Narrow</li> <li>15 Medium</li> <li>30 Flood</li> <li>55 Wide Flood</li> </ul> |

Example Code: 1051 - BK - 309210 - D

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

## SOLO 16 SURFACE

### DRIVER COMPATIBILITY

#### 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

MANUFACTURER Eldoled



DALI CODE PSCC-20-700-D-EL

0-10V CODE PSCC-20-700-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

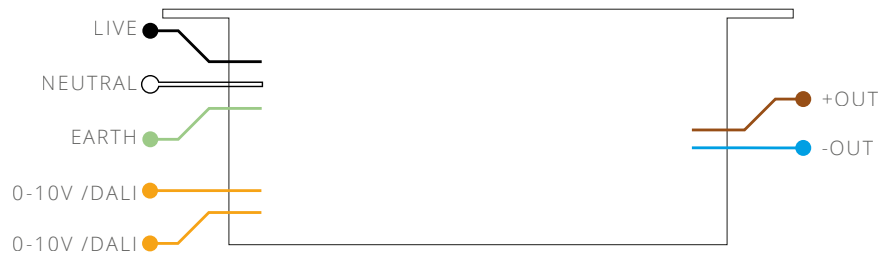
FOR NORTH AMERICA Yes

WATTAGE 30W

SUPPLY TYPE Constant Current

DRIVER LOCATION Remote

MANUFACTURER Eldoled



DALI CODE USCC-30-700-D-EL-ENC

0-10V CODE USCC-30-700-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

MANUFACTURER Hatch



PHASE CODE USCC-12-700-P-HT-ENC

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

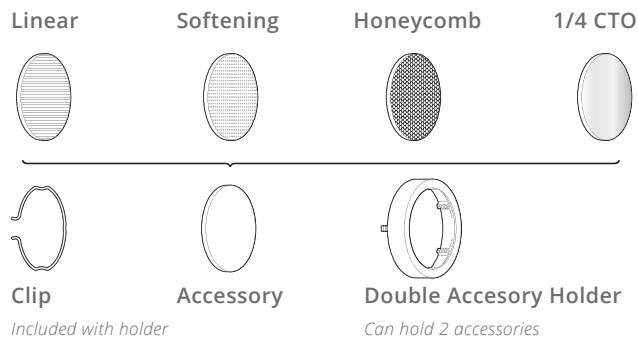


# SOLO 16 SERIES SPOTLIGHT ACCESSORIES

FOR USE WITH SOLO 16 INTENSE | PLUS | DYNAMIC 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" )

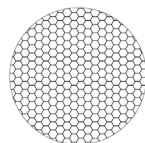


**PART CODE**      254-BK

### 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" )

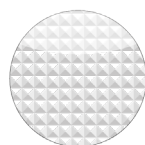


**PART CODE**      997-1/4CTO-55

### 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