SOLO 16 SURFACE
ULTRA NARROW SPOT

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 (RAL 9010), black (RAL 9005) and Brushed Aluminium along with three premium aluminium and brass finishes. It has five site-changeable optics for flexible distribution. The ultra narrow spot beam in our 8.4W 700lm module has a peak intensity of 32,617cd. An accessory holder is available separately that can accommodate lenses and louvres. There is a 360 degree lockable bearing aided rotation and 90 degree constant torque tilt mechanism. Mounting is via 2 screws and a power feed hole is required in the mounting material.

MECHANICAL & ELECTRICAL
CATEGORY Interior use only IP20
MATERIAL Machined Aluminium 6063-T6 | Machined Brass
PAN 360°
TILT 90°
LOCKABLE Pan
ACCESSORIES Accessory holder | Lenses | Louvre

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

SYSTEM POWER 8.4W
MODULE OUTPUT 700lm**
ABSOLUTE OUTPUT 660lm
LOR 94

COLOUR TEMPERATURE 2700K | 3000K
CRI 92 TYP
TM-30 RF: 90 RG: 99
BEAM ANGLE 06°

**Photometry shown is correct for 3000K module. Please enquire for 2700K module output.

MECHANICAL & ELECTRICAL
MOUNTING Surface
WEIGHT 350g
FORWARD VOLTAGE 12V
CURRENT 700mA
SUPPLY TYPE Constant Current
DIMMING DALI | 0-10V

FINISHES
White 9010 | Black 9005 | Brushed Aluminium | Rubbed Bronze* | Polished Brass* | Brushed Brass*

For 3000K Substitute XX with 30
For 2700K Substitute XX with 27

**All premium & custom finishes are built & finished to order. These are subject to an extended lead time & MOQ
**SOLO 16 SURFACE**

**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 (RAL 9010), black (RAL 9005) and Brushed Aluminium along with three premium aluminium and brass finishes. It has five site-changeable optics for flexible distribution. The narrow spot beam in our 8.4W 700lm module has a peak intensity of 12,685cd. An accessory holder is available separately that can accommodate lenses and louvres. There is a 360 degree lockable bearing aided rotation and 90 degree constant torque tilt mechanism. Mounting is via 2 screws and a power feed hole is required in the mounting material.

**MECHANICAL & ELECTRICAL**

- **CATEGORY**: Interior use only IP20
- **MATERIAL**: Machined Aluminium 6063-T6 | Machined Brass
- **PAN**: 360°
- **TILT**: 90°
- **LOCKABLE**: Pan
- **ACCESSORIES**: Accessory holder | Lenses | Louvre

**FINISHES**

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

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

**OPTICAL**

- **SYSTEM POWER**: 8.4W
- **MODULE OUTPUT**: 700lm**
- **ABSOLUTE OUTPUT**: 660lm
- **LOR**: 94
- **COLOUR TEMPERATURE**: 2700K | 3000K
- **CRI**: 92 TYP
- **TM-30 RF**: 90 RG: 99
- **BEAM ANGLE**: 10°

**Photometry shown is correct for 3000K module. Please enquire for 2700K module output.**

**LUMINAIRES SPEC SHEET 1051**

**NARROW SPOT**

**CATEGORY**

- **Interior use only**: IP20

**MOUNTING**

- **Surface**

**SYSTEM POWER**

- **8.4W**

**MODULE OUTPUT**

- **700lm**

**ABSOLUTE OUTPUT**

- **660lm**

**LOR**

- **94**

**COLOUR TEMPERATURE**

- **2700K | 3000K**

**CRI**

- **92 TYP**

**TM-30 RF**

- **90 RG: 99**

**BEAM ANGLE**

- **10°**

**FINISHES**

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

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

**ACCESSORIES**

- **Accessory holder | Lenses | Louvre**

**MOUNTING**

- **Surface**

**SYSTEM POWER**

- **8.4W**

**MODULE OUTPUT**

- **700lm**

**ABSOLUTE OUTPUT**

- **660lm**

**LOR**

- **94**

**COLOUR TEMPERATURE**

- **2700K | 3000K**

**CRI**

- **92 TYP**

**TM-30 RF**

- **90 RG: 99**

**BEAM ANGLE**

- **10°**

**FINISHES**

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

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

**For 3000K Substitute XX with 30**

**For 2700K Substitute XX with 27**
SOLO 16 SURFACE

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 (RAL 9010), black (RAL 9005) and Brushed Aluminium along with three premium aluminium and brass finishes. It has five site-changeable optics for flexible distribution. The medium beam in our 8.4W 700lm module has a peak intensity of 5449cd. An accessory holder is available separately that can accommodate lenses and louvres. There is a 360 degree lockable bearing aided rotation and 90 degree constant torque tilt mechanism. Mounting is via 2 screws and a power feed hole is required in the mounting material.

MECHANICAL & ELECTRICAL

<table>
<thead>
<tr>
<th>CATEGORY</th>
<th>Interior use only IP20</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATERIAL</td>
<td>Machined Aluminium 6063-T6</td>
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<td>PAN</td>
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<td>TILT</td>
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<td>LOCKABLE</td>
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<td>MOUNTING</td>
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<tr>
<td>WEIGHT</td>
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<td>FORWARD VOLTAGE</td>
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FINISHES

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<th>FINISHES</th>
<th>Brushed Aluminium</th>
<th>White RAL9010</th>
<th>Black RAL9005</th>
<th>Rubbed Bronze*</th>
<th>Polished Brass*</th>
<th>Brushed Brass*</th>
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</thead>
</table>

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

OPTICAL

| SYSTEM POWER     | 8.4W               |
| MODULE OUTPUT    | 700lm***           |
| ABSOLUTE OUTPUT  | 670lm              |
| LOR              | 96                 |
| COLOUR TEMPERATURE | 2700K | 3000K |
| CRI             | 92 TYP             |
| TM-30 RF, RG, 99 |                   |
| BEAM ANGLE       | 15°***             |

**Photometry shown is correct for 3000K module. Please enquire for 2700K module output.

White 9010 | Black 9005 | Brushed Aluminium | Rubbed Bronze* | Polished Brass* | Brushed Brass* |

1051-WH-JCY9215 | 1051-BK-JCY9215 | 1051-AL-JCY9215 | 1051-RB-JCY9215 | 1051-PB-JCY9215 | 1051-SB-JCY9215

*All premium & custom finishes are built & finished to order. These are subject to an extended lead time & MOQ
SOLO 16 SURFACE
FLOOD

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 (RAL 9010), black (RAL 9005) and Brushed Aluminium along with three premium aluminium and brass finishes. It has five site-changeable optics for flexible distribution. The flood beam in our 8.4W 700lm module has a peak intensity of 1670cd. An accessory holder is available separately that can accommodate lenses and louvres. There is a 360 degree lockable bearing aided rotation and 90 degree constant torque tilt mechanism. Mounting is via 2 screws and a power feed hole is required in the mounting material.

MECHANICAL & ELECTRICAL
CATEGORY Interior use only IP20
MATERIAL Machined Aluminium 6063-T6 | Machined Brass
PAN 360°
TILT 90°
LOCKABLE Pan
ACCESSORIES Accessory holder | Lenses | Louvre

MOUNTING Surface
WEIGHT 350g
FORWARD VOLTAGE 12V
CURRENT 700mA
SUPPLY TYPE Constant Current
DIMMING DALI | 0-10V

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

OPTICAL
SYSTEM POWER 8.4W
MODULE OUTPUT 700lm**
ABSOLUTE OUTPUT 630lm
LOR 90

COLOUR TEMPERATURE 2700K | 3000K
CRI 92 TYP
TM-30 RF: 90 RG: 99
BEAM ANGLE 30°

**Photometry shown is correct for 3000K module. Please enquire for 2700K module output.

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

For 3000K Substitute XX with 30
For 2700K Substitute XX with 27
SOLO 16 SURFACE
WIDE FLOOD

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 (RAL 9010), black (RAL 9005) and Brushed Aluminium along with three premium aluminium and brass finishes. It has five site-changeable optics for flexible distribution. The wide flood beam in our 8.4W 700lm module has a peak intensity of 540cd. An accessory holder is available separately that can accommodate lenses and louvres. There is a 360 degree lockable bearing aided rotation and 90 degree constant torque tilt mechanism. Mounting is via 2 screws and a power feed hole is required in the mounting material.

MECHANICAL & ELECTRICAL

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FINISHES

FINISHES Brushed Aluminium | White RAL9010 | Black RAL9006 | Rubbed Bronze* | Polished Brass* | Brushed Brass*

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

OPTICAL

SYSTEM POWER 8.4W
MODULE OUTPUT 700lm**
ABSOLUTE OUTPUT 630lm
LOR 90

COLOUR TEMPERATURE 2700K | 3000K
CRI 92 TYP
TM-30 RF: 90 RG: 99
BEAM ANGLE 55°**

**Photometry shown is correct for 3000K module. Please enquire for 2700K module output.

For 3000K Substitute XX with 92
For 2700K Substitute XX with 27