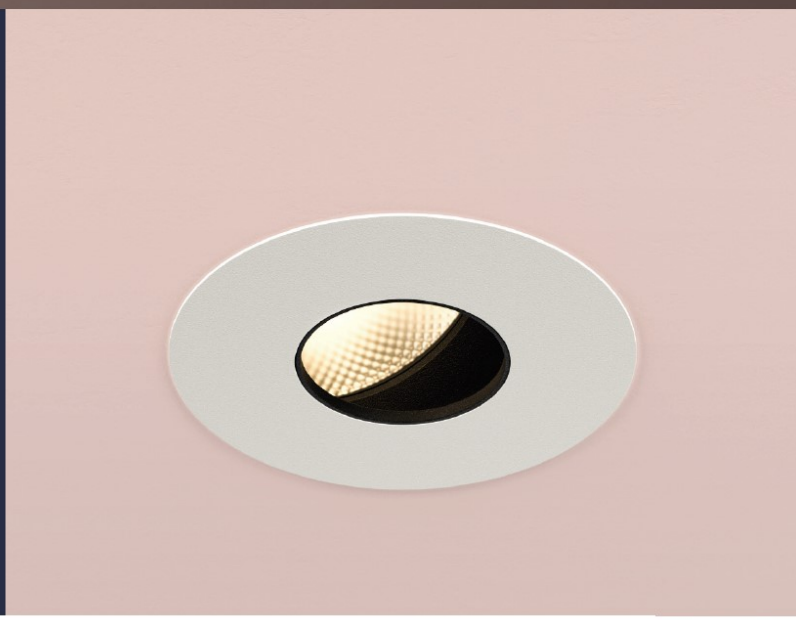
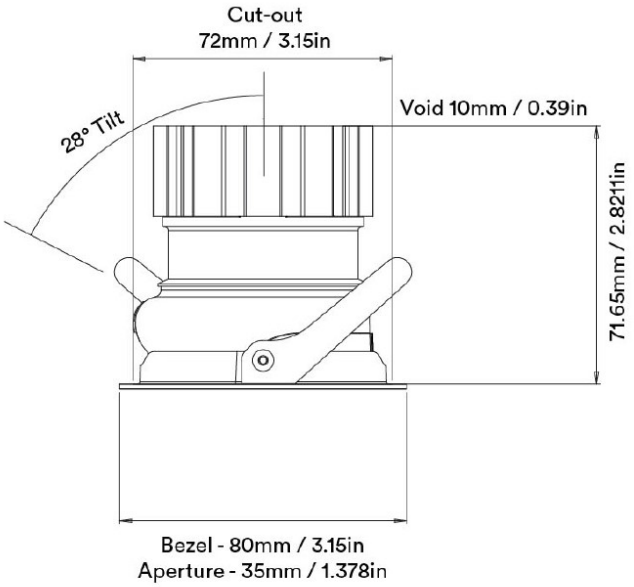
orluna

# timo adjustable origin

IP65
IP54






Unit height increases by
21.65mm / 0.85in
for spot and elliptical beams

www.josephread.co.uk

T: +44 (0) 1473 708 616

Joseph Read
Lighting & Home Cinema

# timo adjustable origin

orluna

## 2700K

| | | SPOT | | | SOFT | | | | SPECIALITY | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Ultra | Spot | Narrow | Medium | Wide | Flood | Wash | Crisp | Elliptical | Elliptical |
| LIGHT VALUES | Beam Width FWHM | 8° | 10° | 15° | 31° | 38° | 40° | 49° | 36° | 10×45° | 20×40° |
| | Initial Lumens | 526 | 893 | 1164 | 1164 | 1164 | 1164 | 1164 | 1164 | 893 | 893 |
| | Engine Lumens | 183 | 295 | 380 | 975 | 968 | 935 | 942 | 970 | 341 | 341 |
| | Luminaire Lumens | 119 | 215 | 287 | 419 | 434 | 392 | 454 | 473 | 122 | 179 |
| | Engine Lm/W | 23 | 24 | 33 | 86 | 85 | 82 | 83 | 85 | 31 | 31 |
| | Luminiare Cd | 4196 | 5509 | 3926 | 1309 | 973 | 804 | 654 | 1400 | 522 | 991 |
| POWER | Voltage | 36V | 36V | 34V | | | | | 36V | | |
| | Drive Current | 180mA | 300mA | 300mA | | | | | 300mA | | |
| | Circuit Power (typ) | 7.8W | 12.2W | 11.4W | | | | | 12.2W | | |

## 3000K

| | | SPOT | | | SOFT | | | | SPECIALITY | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Ultra | Spot | Narrow | Medium | Wide | Flood | Wash | Crisp | Elliptical | Elliptical |
| LIGHT VALUES | Beam Width FWHM | 9° | 10° | 14° | 31° | 38° | 40° | 48° | 37° | 10×45° | 20×40° |
| | Initial Lumens | 561 | 935 | 1252 | 1252 | 1252 | 1252 | 1252 | 1252 | 935 | 935 |
| | Engine Lumens | 204 | 302 | 407 | 1013 | 1026 | 999 | 1013 | 1025 | 354 | 350 |
| | Luminaire Lumens | 154 | 234 | 266 | 448 | 467 | 419 | 479 | 516 | 141 | 157 |
| | Engine Lm/W | 26 | 25 | 36 | 89 | 90 | 88 | 89 | 90 | 29 | 29 |
| | Luminiare Cd | 4984 | 5620 | 3683 | 1386 | 1026 | 843 | 692 | 1455 | 554 | 1042 |
| POWER | Voltage | 36V | 36V | 34V | | | | | 36V | | |
| | Drive Current | 180mA | 300mA | 300mA | | | | | 300mA | | |
| | Circuit Power (typ) | 7.8W | 12.2W | 11.4W | | | | | 12.2W | | |

| | |
|---|---|
| Binning SDCM (Hot) | 2 |
| CRI (typ)(R9) | 98 (99) |
| TM30 Rf Rg | Rf 93.8 Rg 101.9 |
| Lifetime (TM21) | L90 B5 50,000hrs (inc driver) |
| Lifetime (Calculated) | L70 426,000hrs |

| | |
|---|---|
| DRIVER Protocols | Mains Dim / DALI / 0-10V / Non-dim |
| Dim to Dark | 0.1% Lux |
| Distance from LED | 20m / 65' (series wiring) |
| Emergency | Emergency packs available |

02/07/20

## SPECIFICATION CODE

| Engine type | Bezel | Colour Temp | Driver | Beam Width | Bezel Colour | Baffle Colour | Options |
|---|---|---|---|---|---|---|---|
| OR | TI | 27 | M | S | W | BB | F 54 E |
| | | **27 / 2700K**<br>30 / 3000K<br>40 / 4000K | **M / Mains Dim**<br>D / DALI<br>0 / 0-10v<br>N / Non Dim<br>X / No Driver | U / Ultra<br>**S / Spot**<br>N / Narrow<br>M / Medium<br>W / Wide<br>F / Flood<br>H / Wash<br>C / Crisp<br>L / Elliptical Linear<br>O / Elliptical Oval | **W / White RAL 9010**<br>D / White RAL 9003<br>E / White RAL 9016<br>B / Black RAL 9005<br>C / Other RAL<br>G / Polished Brass<br>J / Antique Bronze<br>K / Brushed Chrome<br>L / Polished Chrome<br>I / Polished Copper<br>Z / Other Metallic | **BB / Black 9005**<br>WB / White 9010<br>DB / White 9003<br>EB / White 9016<br>CB / Other RAL<br>MB / Polished Brass<br>JB / Antique Bronze<br>KB / BrushedChrome<br>LB / PolishedChrome<br>IB / Polished Copper<br>ZB / Other Metallic | **F / 60 min Fire Rated Plate**<br>**54 / IP54**<br>65 / IP65<br>P / Sea & Spa IP65<br>*C / Constant Torsion<br>T / Lockable Tilt & Rotate<br>**E / 3hr Emergency**<br>H / Honeycomb<br>N / Frosted Lens<br>Z / LSZH Cable<br>K / Click Connector |

*NOTE: Fire Hood if used with constant torsion springs