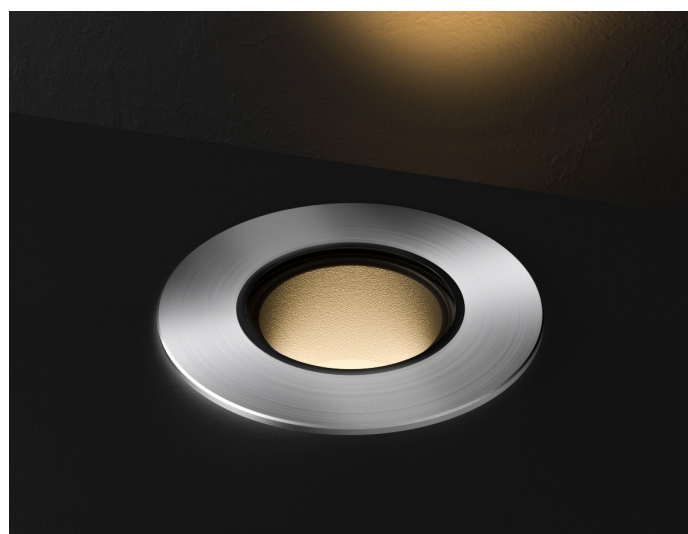
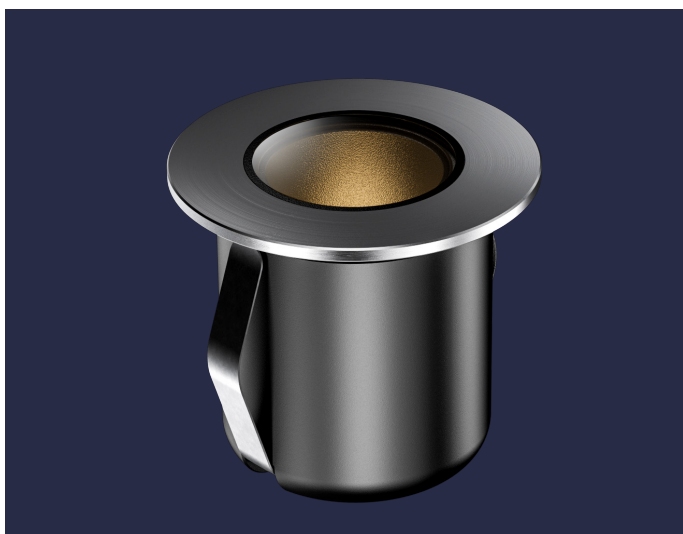
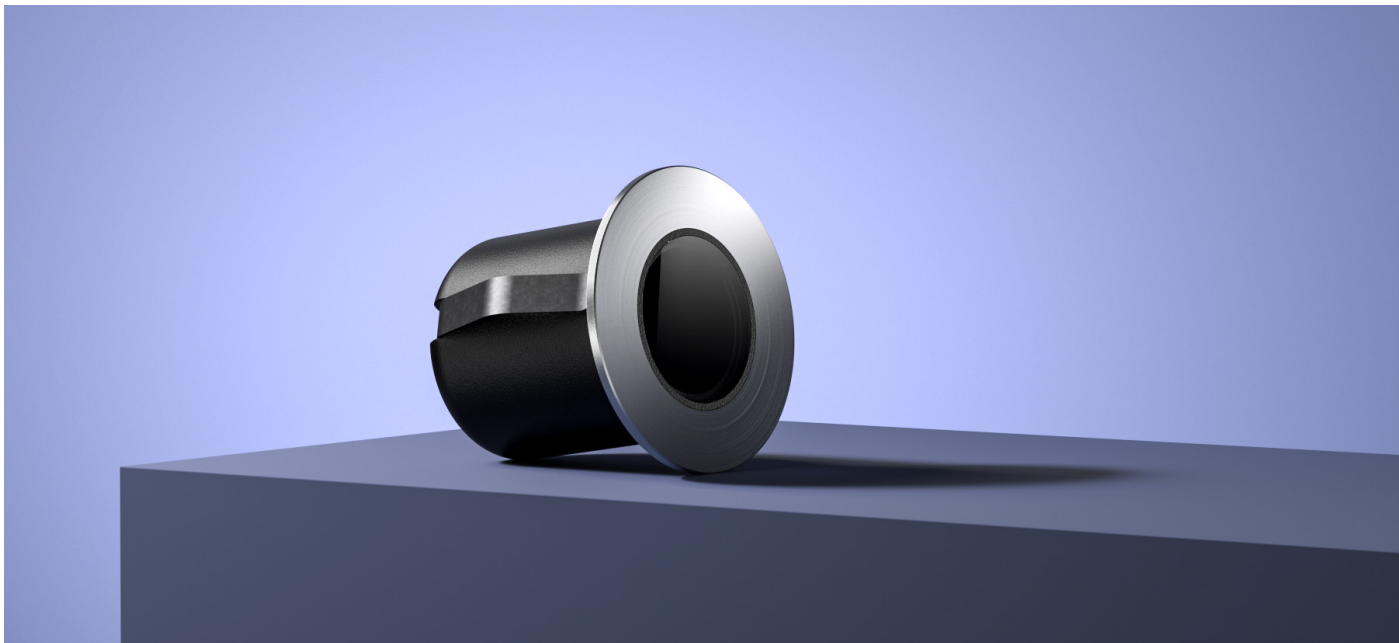


erluna

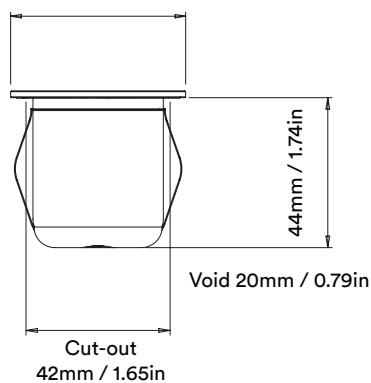
toto mini  
origin

circular product





Bezel - 51mm / 2in  
Aperture - 27.6mm / 1.09in



# toto mini origin

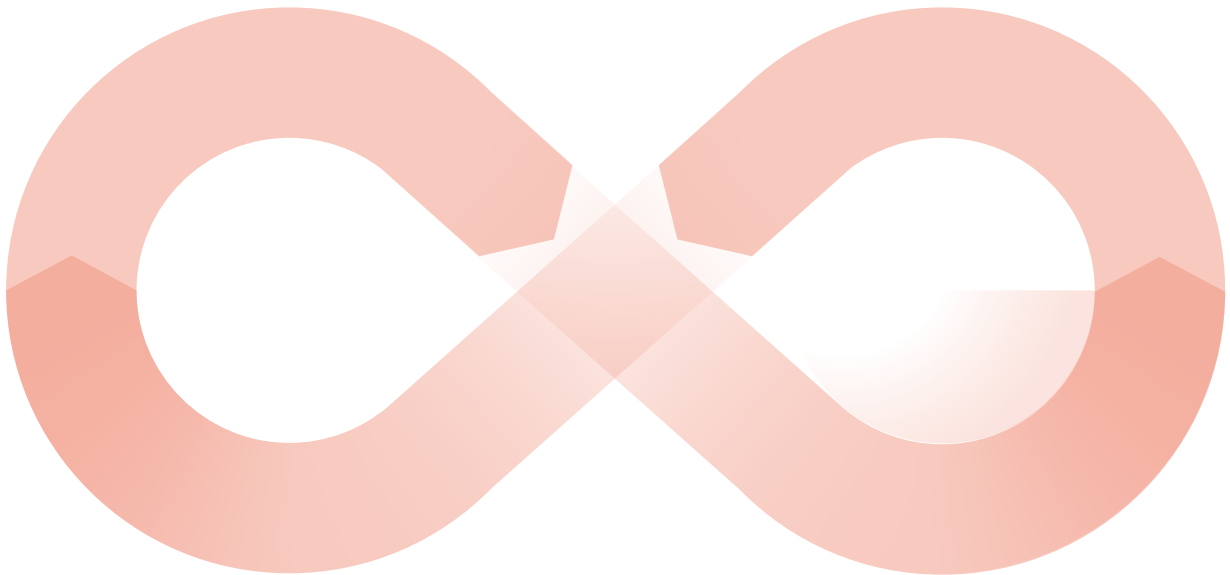
# circular product

When an old Orluna light comes to the end of its life, or is faulty, instead of throwing it away, we kindly ask you to return it to us.

**1**

The fully repaired and tested product enters back into our stock –with a brand new warranty.

**3**

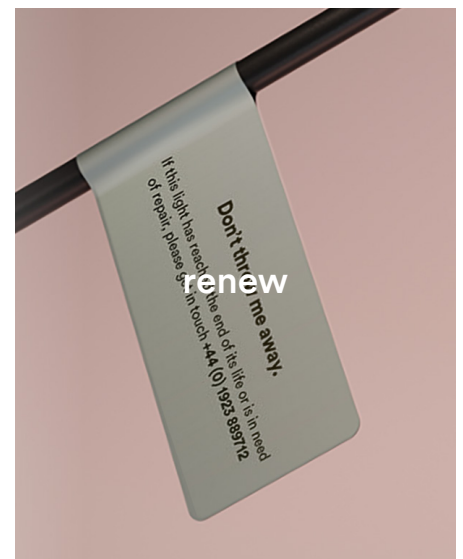


The 'new' light fitting is despatched to a new customer.

**4**

Once we've received the unwanted or faulty fitting, it's dismantled, repaired and renewed with a new LED and PCB.

**2**



		2700K		
		SOFT		
LIGHT VALUES		Spot	Narrow	Wide
	Beam Width FWHM	10°	18°	42°
	Initial Lumens	167	167	167
	Engine Lumens	N/A	N/A	N/A
	Luminaire Lumens	118	123	87
	Luminaire Lm/W	59	62	44
	Luminaire Cd	2113	1054	178
POWER	Voltage	3V		
	Drive Current	700mA		
	Circuit Power (typ)	2W		

		3000K		
		SOFT		
LIGHT VALUES		Spot	Narrow	Wide
	Beam Width FWHM	10°	18°	42°
	Initial Lumens	180	180	180
	Engine Lumens	N/A	N/A	N/A
	Luminaire Lumens	135	142	96
	Luminaire Lm/W	68	71	48
	Luminaire Cd	2291	1209	197
POWER	Voltage	3V		
	Drive Current	700mA		
	Circuit Power (typ)	2W		

Binning SDCM (Hot)	3	
CRI (typ)(R9)	98 (99)	
TM30 Rf Rg	Rf 94 Rg 101	
Lifetime (TM21)	L90 B5 50,000hrs (inc driver)	
Lifetime (Calculated)	L70 120,000hrs	
DRIVER	Protocols	Mains Dim / DALI / 0-10V / Non-dim (use Mains Dim)
	Dim to Dark	0.1% Lux
	Distance from LED	20m / 65' (series wiring)
	Emergency	N/A

### NUMBER OF LIGHTS PER DRIVER

Protocols	Code	No of lights per driver
DALI	D - 700	1 - 10
0-10	0 - 700	1 - 10
Mains <1% Dimming	M - 700 - 1	3 - 4
Mains >3% Dimming	M - 700 - L	1 - 5
Mains <1% Dimming	M - 700 - 2	6 - 12

### SPECIFICATION CODE

Engine type	Bezel	Colour Temp	Driver	Beam Width	Bezel Colour	Baffle Colour	Options
<b>OR</b>	<b>TM</b>	<b>27</b> 27 / 2700K 30 / 3000K	<b>X</b> X / No Driver	<b>N</b> S / Spot N / Narrow W / Wide	<b>SS</b> W / White RAL 9010 D / White RAL 9003 B / Black RAL 9005 C / Other RAL V / Dark Bronze T / Medium Bronze R / Light Bronze Y / Burnished Brass G / Polished Brass K / Brushed Chrome L / Polished Chrome Z / Other Metallic AW / White RAL9016 Anodised AB / Black Anodised AV / Bronze Anodised AP / Burnished Anodised SS / Stainless Steel	<b>BB</b> / Black RAL 9005	<b>54</b> 54 / IP54 67 / IP67** P / Sea & Spa IP67 Z / LSZH Cable I / Installation sleeve Q / Kicker optic Y5 / 5m Cable** Y / 10m Cable**

\*NOTE: we only recommend a Stainless Steel Bezel for high traffic areas

\*\*1 - IP67 only available in Stainless Steel, Black Anodised, White Anodised, Bronze Anodised & Burnished Anodised  
\*\*2 - IP54 with 300mm cable, IP67 with 1m cable as standard