



## Benefits

- **Efficiency:** Can achieve up to 80% energy savings compared to traditional fittings
- **Minimal glare**
- **Precise** and uniform illumination enabling successful achievement of complex lighting designs
- **Comfortable** human centric lighting
- **Virtually zero** colour shift with angle
- **Low Maintenance:** Reducing costs and disruption caused by routine maintenance
- **LED Lifespan:** 133k hours minimum to L70. Tested in accordance with LM79, LM80 and TM21
- **Light Distribution:** Uniform distribution with a typical SHR of 1.5:1. Other beam spreads are available on request
- **Reliability:** Drive currents are kept low to ensure junction temperatures are optimal maximising longevity and reliability
- **Product Performance:** Excellent efficacy, due to ELR technology's precise control of light projection
- **Warranty:** 5 Years (please refer to T&C)



# WaveStar 1

## Ultra Low Glare Office Lighting



## Mounting and Application



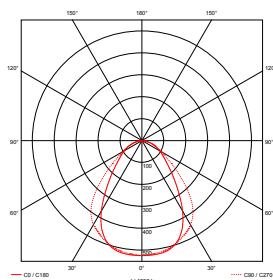
Internal



Recessed



Ceiling Grid



<b>Dimensions:</b>	600 x 600 x 45 mm
<b>Approx Weight:</b>	4.7 Kg
<b>Power:</b>	23 W
<b>Measured lumen output:</b>	2354 lm
<b>Colour Rendering:</b>	> 80 CRI as standard
<b>Colour Temperature:</b>	4000K - as standard (available range from 3000-6500K)
<b>Enclosure Material:</b>	White Powder Coated Mild Steel
<b>Intelligent controls:</b>	Dimmable, 1-10 V, DALI, and others on request
<b>PSU Specification:</b>	220-240 V 50-60 Hz
<b>Inrush current:</b>	45 A 100 µsec
<b>Ambient Temperature:</b>	-20 to +35 °C
<b>Ingress Protection:</b>	IP40
<b>Emergency Option:</b>	Maintained with 3 hours of operation at 785 lumens from a NiMH Battery
<b>Diffuser:</b>	Optional
<b>Standard beam angle:</b>	88° as standard, 34° 134° 2x68° available on request