

## Maximus

8W Low-Glare Tri-Colour LED Downlight, Dimmable

### Features

- Recessed light source for high quality installations
- Excellent beam control compared to diffused downlights
- Reduce eye strain and increase comfort with a low glare design
- Ideal for high-end and residential applications
- Supplied with an integrated dimmable LED driver
- Selectable colour temperature to suit the installation and room



### MECHANICAL

<b>Body Material</b>	PA46 Plastic wrapped aluminium
<b>Diffuser Material</b>	Polycarbonate
<b>Fitting Colour</b>	
<b>MAXIMUS-12415</b>	White
<b>MAXIMUS-12416</b>	Black
<b>IC Rating</b>	IC-4
IC-4 rating has been conducted at the products maximum working Temperature Range (C) in line with Australian standards. This provides the required safety when covered with insulation and used in Australian Environments.	
<b>Installation Type</b>	Recessed
<b>IP Rating</b>	IP54 Front Face Only

### ELECTRICAL

<b>Electrical Rating</b>	Class II
<b>Input Current</b>	0.05 A
<b>Input Frequency</b>	50 Hz
<b>Input voltage</b>	230Vac
In Australia the Input voltage is defined as 230Vac -6%/+10%. This effectively means that the voltage range of these products are 216Vac - 253Vac or 240V +6%	
<b>Maximum Wattage</b>	8 W
<b>Power Factor</b>	0.9
<b>Switch Type</b>	Inline
<b>Working Temp Range</b>	-20 to 40 °C

### LAMP

<b>Beam Angle</b>	45 °
<b>CCT Configuration</b>	TRI-CCT
<b>CRI</b>	>80
<b>UGR</b>	
<b>MAXIMUS-12415</b>	<24
<b>MAXIMUS-12416</b>	<19

### LED LIFETIME

<b>LED Lifetime</b>	35000 hrs
This is the Reported LED Lifetime in Hours based on TM-21. Atom does not list the projected or calculated LED lifetime, which is normally longer as TM-21 Addendum B explicitly states " The Calculated and Projected Lp(Dk) are not to be reported: This Lifetime refers to the life of a single LED however the system life is longer since the probability and binomial distribution of all LEDs in the system means that the average led is performing above the specification and compensates for the LEDs falling below.	

### COLOUR TEMPERATURE

<b>MAXIMUS-12415</b>	
<b>7 Watts</b>	
Warm White (3000)	750 lm
Cool White (4000)	840 lm
DayLight (5700)	790 lm
<b>MAXIMUS-12416</b>	
<b>7 Watts</b>	
Warm White (3000)	560 lm
Cool White (4000)	630 lm
DayLight (5700)	570 lm

**DRIVER**

<b>Dimmable</b>	Yes
<b>Driver Included</b>	Yes
<b>Integrated Driver</b>	Yes
<b>Driver Type</b>	Dimmable ( Phase cut)
<b>Flex &amp; Plug or Lead Length</b>	600 mm
<b>Wiring Type</b>	Re-wireable Flex & Plug (2 pin)

**COMPLIANCE**

<b>Standards</b>	AS/NZS 60598.1 AS/NZS 60598.2.2 AS/NZS 61347.1 AS/NZS 61347.2.13 AS CISPR 15
------------------	--

**WARRANTY**

<b>Commercial Use Warranty</b>	3 RTB (Total 3 Years)
<b>Maximum Use Daily</b>	12 hr
<b>Domestic Use Warranty</b>	3 (Yr) RTB

**DIMENSIONS**

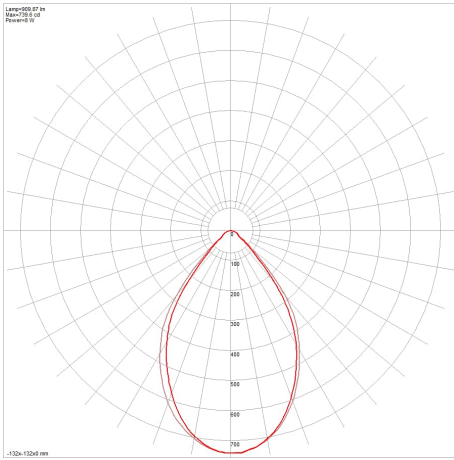
<b>Cutout</b>	92 mm
<b>Product Diameter</b>	106 mm
<b>Product Height</b>	84 mm
<b>Product Weight</b>	280 g

**Ordering Information**

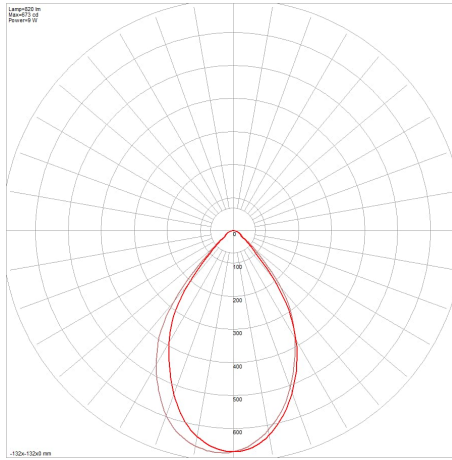
<b>Order code</b>	<b>Item Code</b>	<b>Description</b>
12415	<b>MAXIMUS-12415</b>	8W Low-Glare LED Downlight - 90mm - TRI-CCT - White
12416	<b>MAXIMUS-12416</b>	8W Low-Glare LED Downlight - 90mm - TRI-CCT - Black

## Photometrics

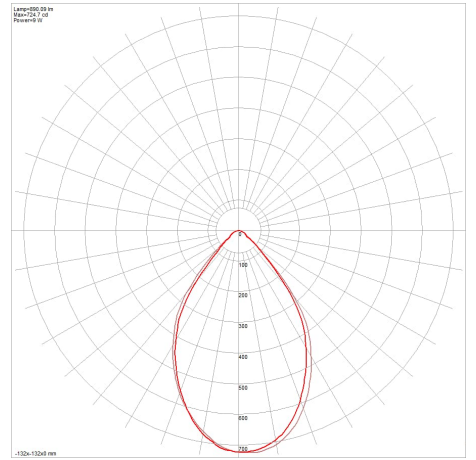
**Maximus/12415/4000K**



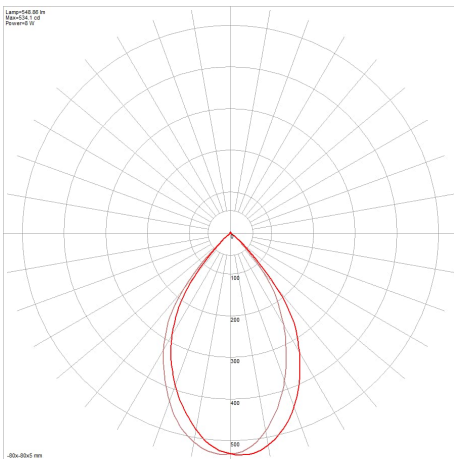
**Maximus/12415/3000K**



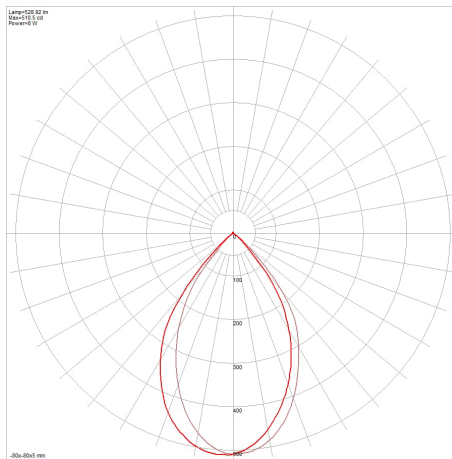
**Maximus/12415/5700K**



**Maximus/12416/3000K**



**Maximus/12416/5700K**



**Maximus/12416/4000K**

