

# Modus Max Product Datasheet

High powered circular downlight

## Product Data

Warranty	5 years
Applications	Interior/Exterior
Certification(s)	CE, RoHS

## Physical Data

Colour Finish	White
Luminaire Fixing	Suspended (chain or rod)
Construction Material	Aluminium
Diffuser Type	Glass-TPa rated
Unit Weight (kg)	7.20

## Electrical Data

Wattage	70W   100W   150W
Power Factor	>0.95
Voltage Range	AC220-240V
Inrush Current	<60A
Protection Class IEC	Class I

## Performance Data

Efficacy	~110-115 Lm/W
Operating Temperature	-20°C to +45°C (0°C to 40°C for emergency)
°Kelvin	3000K   4000K
Beam Angle	57°
Operating Hours	>50000
CRI	>85 Ra
IP Rating	IP65
IK Rating	IK09
Macadam Ellipse	≤3 sdcM
L70 B50	100,000 hours
L80 B50	90,000 hours
L90 B50	42,000 hours
LEDs	Single Bin Bridgelux

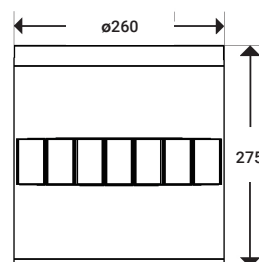
Contemporary design, high output, IP65 protection



## Part Code: R096950

	Wattage	°Kelvin	Lumens	Running Current
/3K/70W	70W	3000K	8006	DC1.8A
/4K/70W	70W	4000K	8072	DC1.8A
/3K/100W	100W	3000K	11398	DC2.7A
/4K/100W	100W	4000K	11608	DC2.7A
/3K/150W	150W	3000K	16989	DC4A
/4K/150W	150W	4000K	17252	DC4A

## Dimensions (mm)

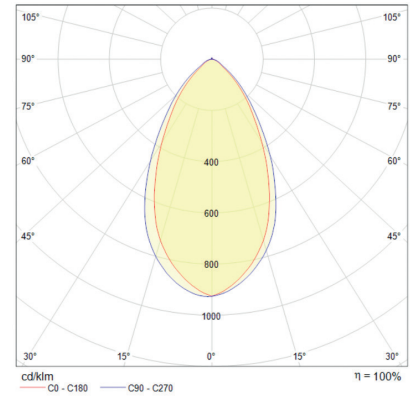


## Modus Max Family

Part Code: R096950

Suffix	Option	
/3K, /4K	3000K, 4000K	1 <sup>st</sup> add colour temp suffix
/70W	70W	} 2 <sup>nd</sup> add wattage suffix
/100W	100W	
/150W	150W	
/DD	DALI dimming	3 <sup>rd</sup> add DALI dim suffix
/E	Integral Emergency	} 4 <sup>th</sup> add Emergency suffix
/DDPRO	DALI Addressable Emergency	

Light Distribution:



Example: **R096950/3K/150W/DD**  
150W Modus in 3000K with a DALI driver

