

## FEATURES

- Low profile design suitable for low ceiling and IP65 waterproof ideal for bathroom area.
- CREE LED adopted, dim to warm available.
- Fit in most of MR16 LED downlight converter.
- Dimming capability. 1. Suits triac dimmers including OPUS, Clipsal, HPM, Niko, Lumeo Domus, Lumeo Eco; 2. DALI dimming.
- The driver with CE, RCM and SAA certification.

## Packaging

Box Dimensions	L145 x W145 x H50 mm
Box Net Weight	0.27Kg
Box Gross Weight	0.33Kg
Carton Dimensions	L600 x W455 x H275 mm/60 PCS
Carton Net Weight	16.2Kg
Carton Gross Weight	20.3Kg

RoHS    



## Technical Specifications

Model	Power	Voltage	CRI	CCT	Beam Angle	Lumen	Efficacy	Dimmable	Colour
MD12-09-XX-01	9W	AC200-240V	80+	2700K	15°	845lm	92lm/W	Yes	Black
					24°	845lm	93lm/W		
					36°	830lm	91lm/W		
					60°	800lm	87lm/W		
MD12-09-XX-01	9W	AC200-240V	80+	3000K	15°	855lm	95lm/W	Yes	Black
					24°	855lm	95lm/W		
					36°	840lm	93lm/W		
					60°	810lm	89lm/W		
MD12-09-XX-01	9W	AC200-240V	80+	4000K	15°	900lm	100lm/W	Yes	Black
					24°	920lm	101lm/W		
					36°	880lm	98lm/W		
					60°	845lm	94lm/W		
MD12-09-XX-01	9W	AC200-240V	80+	5000K	15°	900lm	100lm/W	Yes	Black
					24°	915lm	101lm/W		
					36°	875lm	97lm/W		
					60°	850lm	94lm/W		

## ECLIPSE CONSEIL

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## Technical Specifications

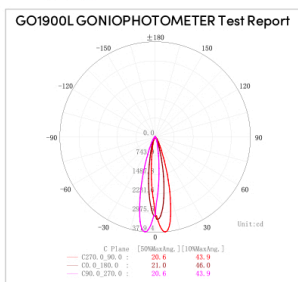
Model	Power	Voltage	CRI	CCT	Beam Angle	Lumen	Efficacy	Dimmable	Colour
MD12-09-XX-01	9W	AC200-240V	90+	2700K	15°	625lm	69lm/W	Yes	Black
					24°	625lm	69lm/W		
					36°	605lm	67lm/W		
					60°	585lm	65lm/W		
MD12-09-XX-01	9W	AC200-240V	90+	3000K	15°	670lm	74lm/W	Yes	Black
					24°	670lm	74lm/W		
					36°	665lm	74lm/W		
					60°	635lm	71lm/W		
MD12-09-XX-01	9W	AC200-240V	90+	4000K	15°	780lm	87lm/W	Yes	Black
					24°	775lm	86lm/W		
					36°	760lm	85lm/W		
					60°	720lm	81lm/W		
MD12-09-XX-01	9W	AC200-240V	90+	5000K	15°	690lm	76lm/W	Yes	Black
					24°	695lm	77lm/W		
					36°	685lm	75lm/W		
					60°	650lm	71lm/W		

## Driver data Sheet

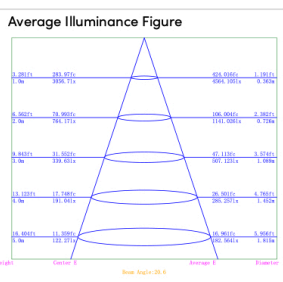
Brand	Dim Method	Model	Power	Input Voltage	Efficiency	Power Factor	Output Voltage	Output Current	THD
DIMMATE	Phase cutting	THA-09C0210-S	9W	AC200-240V	>82%	>0.9	33-38V	210mA	<25%

## Photometric Diagram

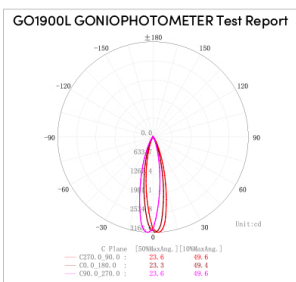
15°-3000K



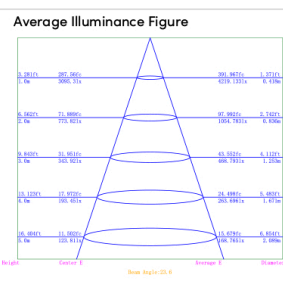
### Average Illuminance Figure



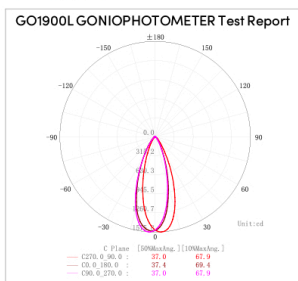
24°-3000K



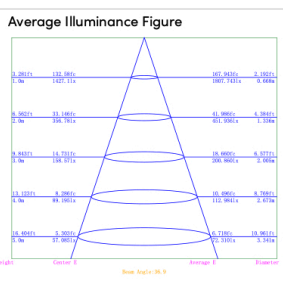
### Average Illuminance Figure



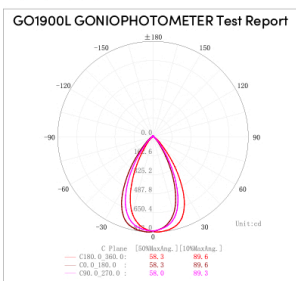
36°-3000K



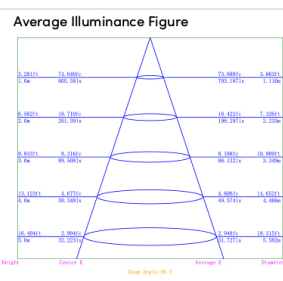
### Average Illuminance Figure



60°-3000K



Average Illuminance Figure



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