

Dogma IoT Light

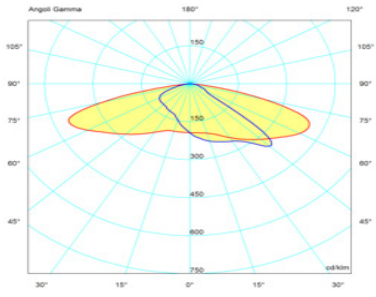
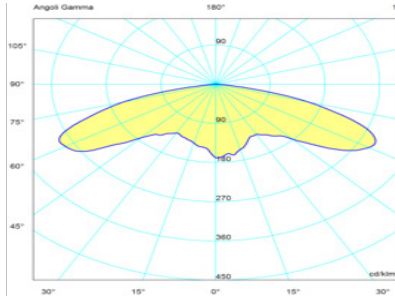
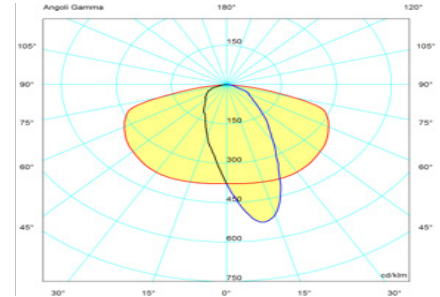


Design: A. Macchi Cassia - P. Castiglioni
Award: Menzione d'Onore Compasso d'oro

Product Features			
Product Code	RLDG4608-0000	Housing/Heatsink Material	Magnesium / Aluminum
Input Voltage	230 VAC; 50/60 Hz	Lens Material	PMMA
Input Frequency	50/60 Hz	Insulation Class	II
Weight	10.5 kg	IP Degree	IP66
CRI	70 (*)	Lifetime	50,000 h/L70
CCT	4000 K (**)	Warranty	1 year
Operating Temp.	-25°C - +55°C	Certifications	CE-RoHs

Led Module	Power		Luminous Flux
4	40 W	040	4,400 lumen
6	50 W	050	5,500 lumen
6	60 W	060	6,600 lumen
8	70 W	070	7,700 lumen
8	80 W	080	8,800 lumen

Luminous Efficiency: 110 lm/W; flux data are related to Tj=85°C and CCT = 4000K

Lens Type
L04

L05

L06

Product Code

Model	Power	Lens	Version
RLDG	000	00	000-999 00 Standard
RLDG	000	00	000-999 01 Dimmable
RLDG	000	00	000-999 02 Wi-Fi & Light (*)

Installation Notes

Cables: bipolar cable with free terminals; length: 300mm
 Fixing: 60 mm standard diameter pole attachment

Product Features

Processor	Tensilica LX6 dual core processor
SRAM	520 KB
Wi-Fi & BLE Antenna	Integrated
Wi-Fi Protocol	802.11 b/g/n/d/e/l/k/r
Wi-Fi Frequency Range	2.4 GHz - 2.5 GHz
Bluetooth Protocol	Comply with BR/EDR.BLE standard of Bluetooth v4.2
Power Consumption	1W
Operating Temperature	-40°C - 85°C
Operating Temperature	-40°C - 85°C

Mesh Devices Features (MAD/IAD)*

Chipset CPU	IPQ4029 Quad-core ARM, @717MHz SoC
System Memory	DDR3L 512MB / FLASH 16MB + EMMC 8GB
Wireless	802.11 a/b/g/n/ac
Wi-Fi Speed	2.4 GHz (400Mbps) 2x2, 5 GHz (867Mbps) 2x2
TX Power	2.4 GHz: 20dBm (11b) Max, 5 GHz: 20dBm (11b) Max
Ethernet Port	3 x 10/100/1000M
Bluetooth	Available
Power Consumption	<7W
Operating Temperature	-20°C - 50°C (-4 - 122°F)
Storage Temperature	-20°C - 70°C (-4 - 158°F)

* see WAD, MAD, IAD, datasheets for full features