

MAIN CHARACTERISTICS	
Applications	Indoor and outdoor lighting, industrial, warehouse, etc.
Material	Polycarbonate
Color	White
Product sizes	645/1190/1595 x 100mm x 54 mm
Weight	1.6 Kg (Small version) 2.5 Kg (Medium version) 3.5 Kg (Large version)
Mounting	Suspended
Insulation Class	CL I CL II on request
Protection degree	IP 66 IK09
No LED's	72: phLuminaT600, 144: phLuminaT600+ e phLuminaT1200, 272: phLuminaT1500, 288: phLuminaT1200+, 544: phLuminaT1500+
LED efficiency ⁽¹⁾	208 lm/W - CRI 70 - @ 60 mA, Tj = 25 °C
Colour temperature LED	2700K - 727/669 4000K - 740/669 5700K - 757/669 Other colour temperatures (K) available on request
LED life time ⁽²⁾	≥ 65.000hr
Optics	3X11 PMMA
Operating voltages and frequencies	220-240 V~ 50/60 Hz
Power factor	Cosφ ≥ 0.95 (at full load)
Dimming	0-100%, 0-10V signal, PWM, DALI
Operating temperature	-40 / +55 °C

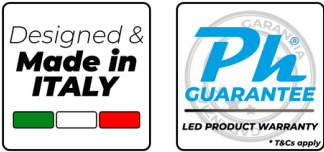


DESCRIPTION

Water resistant ceiling light with an IP66 rating, featuring OSRAM LED technology. High-efficiency optics with heat dissipation function. Also available with an integrated emergency unit. Reduced maintenance due to each LED's average lifespan exceeding 100,000 hours. Colour temperature options: 2700K, 4000K, 5000K, 5700K. Colour Rendering Index (CRI) >72. Operating voltage 220-240 Vac 50/60 Hz.

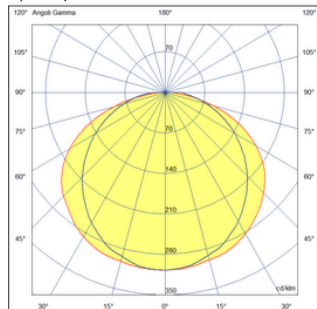
STANDARD COMPLIANT

EN 60598-1: Luminaires. Part 1: General requirements and tests.
EN 60598-2-3: Particular requirements - Luminaires for street lighting.
IEC/TR 62778: Application of IEC 62471 for the assessment of blue light hazard to light sources and luminaires.
EN 55015: Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment.
EN 61000-3-2: Electromagnetic compatibility (EMC) Part 3-2: Limits - Limits for harmonic current emissions.
EN 61000-3-3: Electromagnetic compatibility (EMC) Part 3-3: Limitation of voltage fluctuations and flicker.
EN 61547: Equipment for general lighting purposes - EMC immunity requirements.
EN 13032-1: Light and lighting: Measurement and presentation of photometric data for lamps and luminaires - Part 1: Measurement and file format.
Technical datasheet according to IEC/PAS 62717 and IEC/PAS 62722

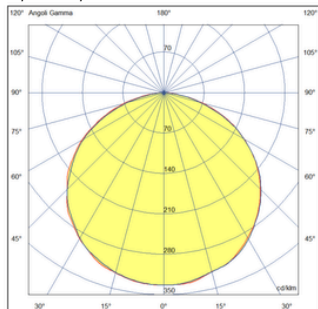


OPTICS

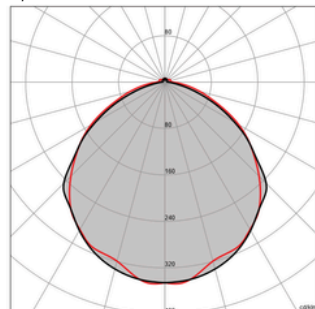
Optic Opalina



Optic Trasparente



Optic Satinata



MEGA

MG

3000K | 4000K | 5700K

Model	Power [W]	Nominal Power Consumption (W)	Nominal LED Luminous Flux (lm) ⁽⁴⁾	Nominal Luminous Flux (Fixture) (lm) ⁽³⁾	Efficiency [lm/W]
phLuminaT600	75	16	2520	2142	134
phLuminaT600	100	22	3320	2822	128
phLuminaT600	150	33	4880	4148	126
phLuminaT600+	37	15	2520	2142	143
phLuminaT600+	50	21	3400	2890	138
phLuminaT600+	75	32	5020	4267	133
phLuminaT1200	50	21	3400	2890	138
phLuminaT1200	66	28	4450	3782,5	135
phLuminaT1200	100	43	6620	5627	131
phLuminaT1200+	25	20	3410	2898,5	145
phLuminaT1200+	33	27	4500	3825	142
phLuminaT1200+	50	42	6800	5780	138
phLuminaT1500	31	24	4000	3400	142
phLuminaT1500	50	39	6400	5440	139
phLuminaT1500	75	60	9500	8075	135
phLuminaT1500+	22	34	5680	4828	142
phLuminaT1500+	25	39	6450	5482,5	141
phLuminaT1500+	37	58	9500	8075	139

phLuminaT1200+ / 40 / 500 / SAT

- Product series
- Light colour temperature
- Supply current
- Type of optics

NOTE: The values indicated in this datasheet are nominal and should be considered with a tolerance of +/- 10%. The nominal luminous flux is based on the minimum value emitted by the LED GW P9LR35.PM(G5) IN M5 - A.

(1) Efficiency is extrapolated from the LED manufacturer's datasheet.

(2) Useful life according to report LM-80, DURIS S 8 - GW P9LR35.PM_4000K_600mA_6000h_180260W1.

(3) Values measured in the laboratory at Ta = 25°C.

(4) Values extrapolated from the LED manufacturer's datasheet.

To support continuous product updates, Phaenomena reserves the right to make changes without prior notice.

Errors and omissions excepted. Always ensure you are using the most recent version.

The product characteristics listed are subject to change and will be confirmed at the time of order.

PACKAGING

**Dimensions:***phLuminaT600: 695 x 140 x 90 mm**phLuminaT1200: 1250 x 140 x 90 mm**phLuminaT1500: 1620 x 140 x 90 mm***Weight:***phLuminaT600: 2.1 kg**phLuminaT1200: 3 kg**phLuminaT1500: 4.5 kg*

DESIGN

