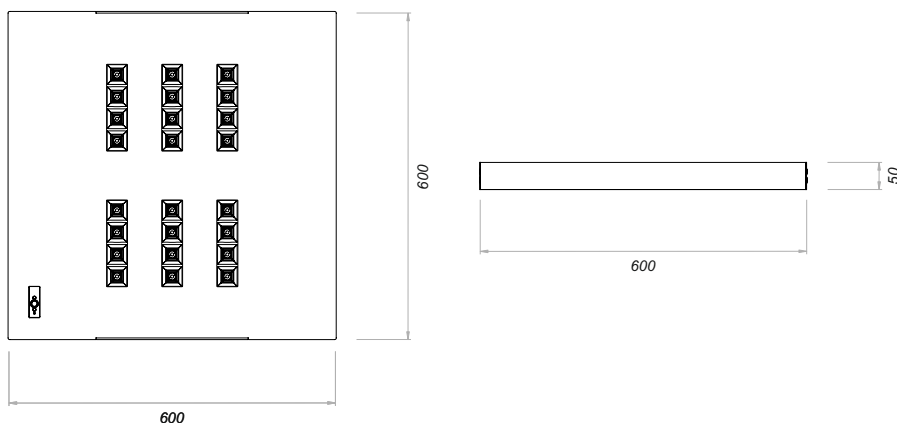




MAIN CHARACTERISTICS

Applications	Indoor lighting
Color	White or Gray
Material	Varnished aluminium frame
Dimensions	595 x 595 x 37 mm (recessed mounting) 600 x 600 x 50mm (surface mounting)
Weight	3.5 Kg (recessed mounting) 4.0 Kg (surface mounting)
Protection degree	IP 20
Insulation class	I o II
Mounting	Recessed mounting or surface mounting
IPEA	≥ A++ (C.A.M.)
N° LED	96 LED
LED Efficacy ⁽¹⁾	208 lm/W - CRI 80 - @ 65 mA, T _j = 25 °C
Color temperature	3000K - 730/669 4000K - 740/669 5700K - 757/669
Optics	Type rotosymmetrical made of PMMA
Optical unit lifetime ⁽²⁾	≥ 60.000hr
Rated voltage	220-240 V~ 50/60 Hz
Power factor	Cosφ ≥ 0.98 (a pieno carico)
TC adjustment system (on request)	0-100%, 0-10V signal, PWM, DALI, AstroDIM, MainsDIM, Wireless
Operating temperature	-20 / +55 °C



DESCRIPTION

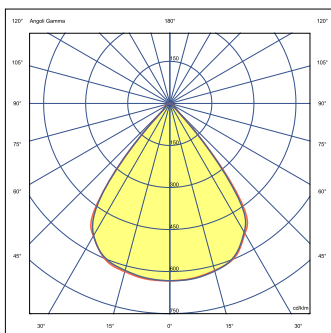
LED lamp consisting of a varnished aluminium structure 600x600x50mm (surface mounted version) or 593x593x37mm (recessed mounted version). The electronic part features one or more LED circuits equipped with reflective indoor optics. Each LED has a rated luminous flux in Lumen/Watt at various current intensities (mA). Optic efficiency >90%, additionally UGR reduction mask. Light colour from 2200K to 5700K. Colour rendering index (CRI) > 80. Low maintenance due to average life of each LED of over 60,000 hours L70. Multiple dimming possibilities. IP20 degree of protection. Insulation class I (II on request). Operating voltage 170-240VAC 50/60Hz. Driver efficiency ≥90% at full load, power factor cosφ0.98. Total weight 3.5 - 4.0 kg. CE certified. Energy performance ≥A++. Luminaire efficiency up to 142 lm/W.

Main Reference Standards

EN 60598-1: Luminaires - Part 1: General requirements and tests
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: Limits - Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems
EN 61547: Equipment for general lighting purposes - EMC immunity requirements
EN 13032-1: Light and lighting - Measurement and presentation of photometric data of lamps and luminaires - Part 1: Measurement and file format.
Datasheet according to IEC/PAS 62717 - IEC/PAS 62722



DAISY OPTIC - WW

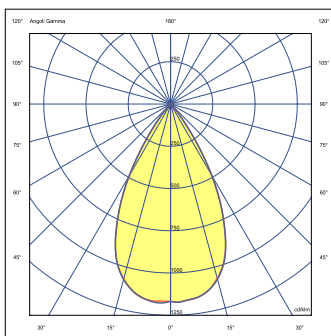


UGR
S= 0.250

Riflettanze										
Soffitto/Cavità	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Pareti	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
P.Lav.	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2

Dimensioni Locale	Vista Laterale				Vista Longitudinale			
x=2H y=2H	15.3	16.1	15.6	16.3	15.4	16.2	15.6	16.6
x=2H y=3H	15.4	16.1	15.7	16.4	15.4	16.1	15.6	16.6
x=2H y=4H	15.4	16.1	15.7	16.3	15.3	16.0	15.6	16.5
x=2H y=6H	15.4	16.0	15.7	16.3	15.3	15.9	15.6	16.4
x=2H y=8H	15.3	15.9	15.7	16.2	15.2	15.8	15.6	16.4
x=2H y=12H	15.3	15.9	15.7	16.2	15.2	15.7	15.5	16.4
x=4H y=2H	15.2	15.9	15.5	16.1	15.2	15.9	15.5	16.2
x=4H y=3H	15.4	15.9	15.7	16.2	15.3	15.9	15.6	16.2
x=4H y=4H	15.4	15.9	15.8	16.2	15.3	15.8	15.6	16.1
x=4H y=6H	15.4	15.8	15.8	16.2	15.2	15.6	15.6	16.0
x=4H y=8H	15.4	15.8	15.8	16.1	15.2	15.5	15.6	15.9
x=4H y=12H	15.4	15.7	15.8	16.1	15.1	15.5	15.6	15.9
x=8H y=4H	15.4	15.7	15.8	16.1	15.2	15.6	15.6	16.0
x=8H y=6H	15.4	15.7	15.8	16.1	15.1	15.4	15.6	15.9
x=8H y=8H	15.4	15.6	15.9	16.1	15.1	15.4	15.6	15.8
x=8H y=12H	15.4	15.7	15.9	16.1	15.1	15.3	15.5	15.7
x=12H y=4H	15.3	15.7	15.8	16.1	15.2	15.6	15.7	16.0
x=12H y=6H	15.3	15.6	15.8	16.0	15.2	15.4	15.6	15.8
x=12H y=8H	15.4	15.6	15.9	16.0	15.1	15.3	15.6	15.8

DAISY OPTIC - W



UGR
S= 0.250

Riflettanze										
Soffitto/Cavità	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Pareti	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
P.Lav.	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2

Dimensioni Locale	Vista Laterale				Vista Longitudinale			
x=2H y=2H	11.9	12.5	12.1	12.7	11.9	12.6	12.2	13.0
x=2H y=3H	11.8	12.3	12.0	12.6	11.8	12.4	12.1	12.9
x=2H y=4H	11.7	12.3	12.0	12.5	11.7	12.3	12.0	12.8
x=2H y=6H	11.7	12.2	12.0	12.5	11.7	12.2	12.0	12.7
x=2H y=8H	11.7	12.2	12.1	12.5	11.6	12.1	12.0	12.7
x=2H y=12H	11.9	12.4	12.2	12.7	11.6	12.1	12.0	12.7
x=4H y=2H	11.7	12.2	12.0	12.5	11.7	12.3	12.0	12.8
x=4H y=3H	11.6	12.0	11.9	12.3	11.6	12.1	11.9	12.7
x=4H y=4H	11.5	11.9	11.9	12.3	11.5	11.9	11.9	12.6
x=4H y=6H	11.5	11.8	11.9	12.2	11.5	11.8	11.9	12.5
x=4H y=8H	11.7	12.0	12.1	12.3	11.5	11.8	11.9	12.5
x=4H y=12H	12.0	12.3	12.4	12.7	11.5	11.7	11.9	12.5
x=8H y=4H	11.4	11.7	11.9	12.1	11.4	11.7	11.9	12.5
x=8H y=6H	11.5	11.7	12.0	12.2	11.4	11.7	11.9	12.5
x=8H y=8H	11.8	12.0	12.3	12.4	11.4	11.6	11.9	12.5
x=8H y=12H	12.5	12.6	12.9	13.1	11.5	11.6	12.0	12.6
x=12H y=4H	11.4	11.7	11.9	12.1	11.5	11.7	11.9	12.5
x=12H y=6H	11.5	11.7	12.0	12.2	11.5	11.7	11.9	12.5
x=12H y=8H	11.9	12.1	12.4	12.5	11.5	11.7	12.0	12.6

4000K

Model	Led Current(mA)	Rated Luminaire Power(W)	Rated Led Flux (lm) ⁽⁴⁾	Rated Luminaire Flux (lm) ⁽³⁾	Luminaire Efficacy [lm/W]
phLuminaOffice96	200	9,5	1564	1470	155
phLuminaOffice96	300	14,8	2336	2196	148
phLuminaOffice96	400	20,0	3009	2828	141
phLuminaOffice96	500	25,4	3715	3492	137
phLuminaOffice96	600	31,0	4427	4161	134
phLuminaOffice96	700	36,0	5019	4718	131

phLuminaOffice 96 / 40 / 300 / WW

- Product Series
- Number of Leds
- Light Temperature
- Current
- Optic

NOTE: The values indicated in this sheet are nominal, to be considered with a tolerance of +/- 10%.

The minimum value emitted by the LED GW JTLPS1.EM IN KM - L2 has been considered for the rated luminous flux.

⁽¹⁾ Efficiency extrapolated from the LED manufacturer datasheet.

⁽²⁾ Service life according to GW JDSRS1.EC - 10000h - 80mA - 3000K - 150241W2 - IES LM-80-08 Test Report.

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

⁽⁴⁾ Values extrapolated from the LED manufacturer datasheet.

In order to promote the constant updating of its products, Phaenomena reserves the right to make changes without prior notice.

Errors or omissions excepted. Always make sure to use the latest version.

The product features listed are subject to change and will be confirmed when ordering.

PACKAGING



Dimensions: 610x610x100 mm
Weight: 10 Kg

DESIGN

