

## MAIN CHARACTERISTICS

Applications	Indoor lighting, commercial, residential
Material	Aluminium/Polycarbonate
Color	White
Product sizes	190 x 70mm
Weight	1,8 Kg
Mounting	Recessed
Insulation Class	CL II   CL I (on request)
Protection degree	IP 40   IK 07
Colour temperature LED	3000K   4000K   6000K
LED life time	60,000 hr LED module current 600 mA (Ta25°C)
Optics	Optics in high-performance polycarbonate
Operating voltages and frequencies	220-240 V~ 50/60 Hz
Power factor	Cosφ ≥ 0.95 (at full load)
Control system (options)	0-10, DALI, DALI 2, NFC
Colour Rendering Index	≥ 80
Operating temperature	-20 / +50 °C
UGR	<19



## DESCRIPTION

The LED ceiling-mounted spotlight features an aluminium/PC painted structure with dimensions: 90 x 90 x H13 mm. The electronic component includes one or more LED circuits. Optical efficiency >90%, with an additional UGR-reducing diffuser. Light colour ranges from 3000K to 6000K. Colour Rendering Index (CRI) >80. Reduced maintenance due to each LED's average lifespan exceeding 60,000 hours. Protection rating IP20. Insulation class II (I available on request). Operating voltage 170-240VAC 50/60Hz. Driver efficiency ≥90% at full load, power factor cosφ0.98. Total weight 1.8 kg. CE certification. Energy performance ≥A++. Luminous efficiency up to 155 lm.

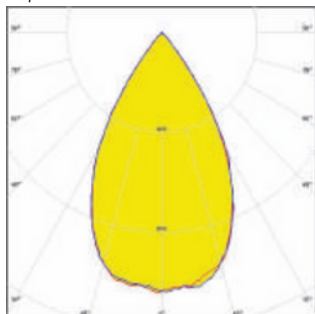
## STANDARD COMPLIANT

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: Limitation of voltage variations, 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

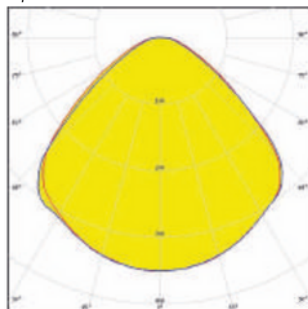


## OPTICS

Optic 60°



Optic 90°



4000 K

Model	Power supply (mA)	Nominal Power Consumption (W)	Nominal LED Luminous Flux (lm)	Nominal Luminous Flux (Fixture) (lm)	Efficiency [lm/W]
phURSAminor	250	9,0	1484	1395	155
phURSAminor	350	12,0	1966	1848	154
phURSAminor	450	16,0	2604	2448	153
phURSAminor	500	19,0	2991	2812	148
phURSAminor	600	22,0	3394	3190	145
phURSAminor	650	24,0	3626	3408	142
phURSAminor	700	27,0	4021	3780	140
phURSAminor	800	30,0	4404	4140	138

## PACKAGING



Dimensioni: 195x195x80mm  
Peso: 2,0 Kg

NOTA: I valori indicati in questa scheda sono nominali, da considerarsi con una tolleranza del +/- 10%.  
Al fine di favorire un costante aggiornamento dei propri prodotti, Phaenomena si riserva il diritto di apportare modifiche senza preavviso.  
Salvo errori o omissioni. Assicurarsi sempre di utilizzare la versione più recente.  
Le caratteristiche del prodotto elencate sono soggette a variazione e saranno confermate in fase d'ordine.