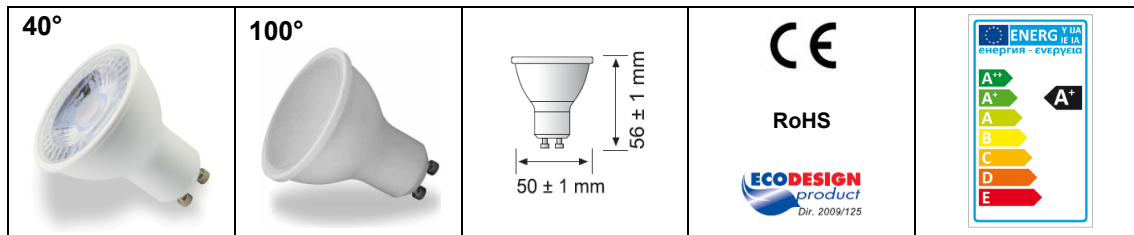




SELFBALLAST LED LAMPS FOR MAINS VOLTAGE GU10 “SNOW” *ECO BRIGHT*

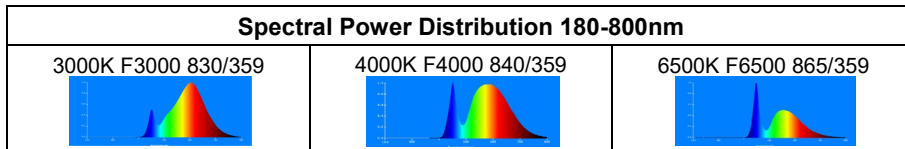
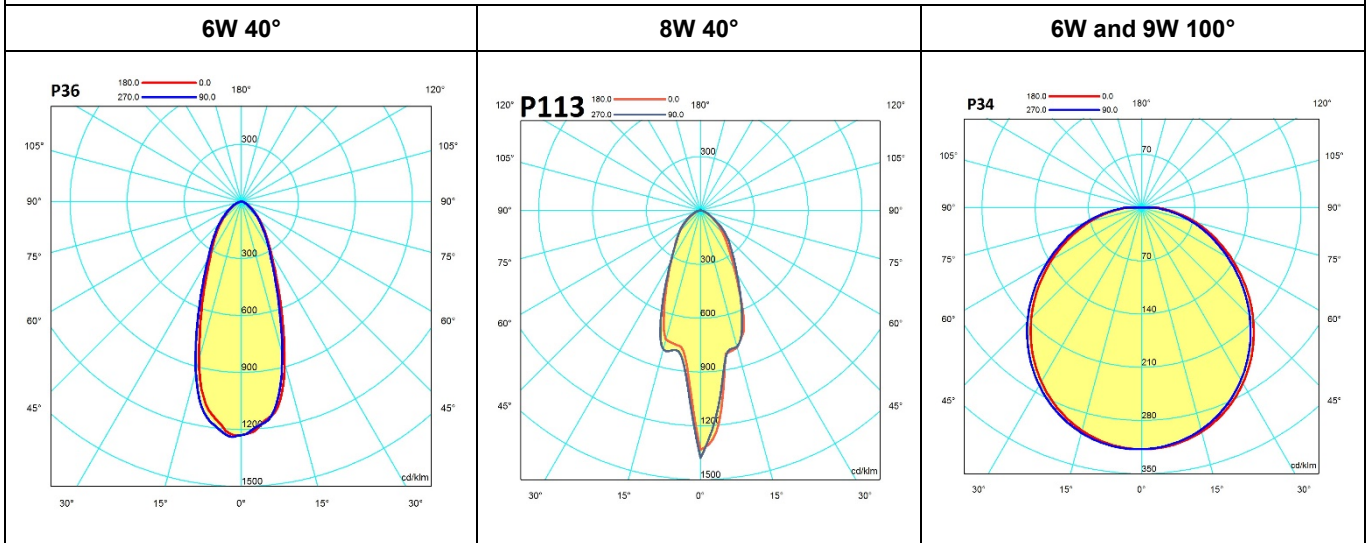


Code	Type	P _{on} (W)	T _c (K)	Cap	I (mA)	PF	φ _{tot} (lm)	φ _{use} (lm)	lm/W	Energy Class	Ec (kWh/1000h)	Axis Cd	Beam	R _a
FLLN407AC	PAR16	6	3000	GU10	45	≥0.5	480	390	65	A+	6	600	40°	≥80
FLLN4072C	PAR16	6	4000	GU10	45	≥0.5	480	390	65	A+	6	600	40°	≥80
FLLN407EC	PAR16	6	6500	GU10	45	≥0.5	510	410	68.3	A+	6	650	40°	≥80
FLLN40CAC	Not-DIR	6	3000	GU10	45	≥0.5	430	---	71.7	A+	6	140	100°	≥80
FLLN40C2C	Not-DIR	6	4000	GU10	45	≥0.5	430	---	71.7	A+	6	140	100°	≥80
FLLN40CEC	Not-DIR	6	6500	GU10	45	≥0.5	470	---	78.3	A+	6	160	100°	≥80
FLLN607AC	PAR16	8	3000	GU10	65	≥0.5	620	510	63.7	A+	8	850	40°	≥80
FLLN6072C	PAR16	8	4000	GU10	65	≥0.5	620	510	65	A+	8	880	40°	≥80
FLLN607EC	PAR16	8	6500	GU10	65	≥0.5	630	520	65	A+	8	880	40°	≥80
FLLN70CAC	Not-DIR	9	3000	GU10	75	≥0.5	750	---	83.3	A+	9	240	100°	≥80
FLLN70C2C	Not-DIR	9	4000	GU10	75	≥0.5	750	---	83.3	A+	9	240	100°	≥80
FLLN70CEC	Not-DIR	9	6500	GU10	75	≥0.5	780	---	86.7	A+	9	250	100°	≥80

LED lamp classified EXEMPT (RISK GROUP 0) in application of the EN 62471: 2008 (CIE S009:2002) standards "Photobiological safety of lamps and lamp systems" and in application of the European Directive 2006/25 on the minimum health and safety requirements regarding the exposure of workers to risks arising from physical agents (artificial optical radiation).

Operating electric conditions	220 - 240V 50/60Hz
Not adjustable	
Lamp not suitable for use under moisture	
Useful Lifetime	L70 B50 = 20.000 hours
Lamp Survival Factor @6000h	0.90
Starting time	< 0.4s
Number of switching cycles before failure	> 15.000
Warm-up time (to 95% of the steady-state luminous output)	< 2.0s
Failure rate @1000h	< 5.0%
Colour consistency	MacAdam ellipses step ≤ 6
Mercury and dangerous substances	Absent
UV and IR radiation	Absent

GONIOPHOTOMETRICS



Reference Standards: EN62560; EN62612; EN62493; EN62471; IEC/TR62471-2; EN55015; EN61000-3-2; EN61000-3-3; EN61547
 European Directives: 2014/35; 2014/30; 92/31; 93/68; 2009/125 (Reg.no.1194/2012; no.244/09; no.1428/2015); 2012/27 (Reg.Del. no.874/2012 and Reg. no.1369/2017); 2011/65; 2012/19

	<p>Correct disposal of this product (Waste Electrical & Electronic Equipment) - Applicable in countries with separate collection systems. This graphic symbol placed on the product and on the package indicates that the product should not be disposed with other household waste. To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate these items from other types of waste and responsibly recycle them to promote the sustainable reuse of material resources. Household users should contact either the retailer where they purchased the product, or their local government office, for details on where and how they can take these items for environmentally safe recycling. Business users should contact their supplier and check the terms and conditions of the purchase contract; this product should not be mixed with other commercial wastes for disposal.</p>
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