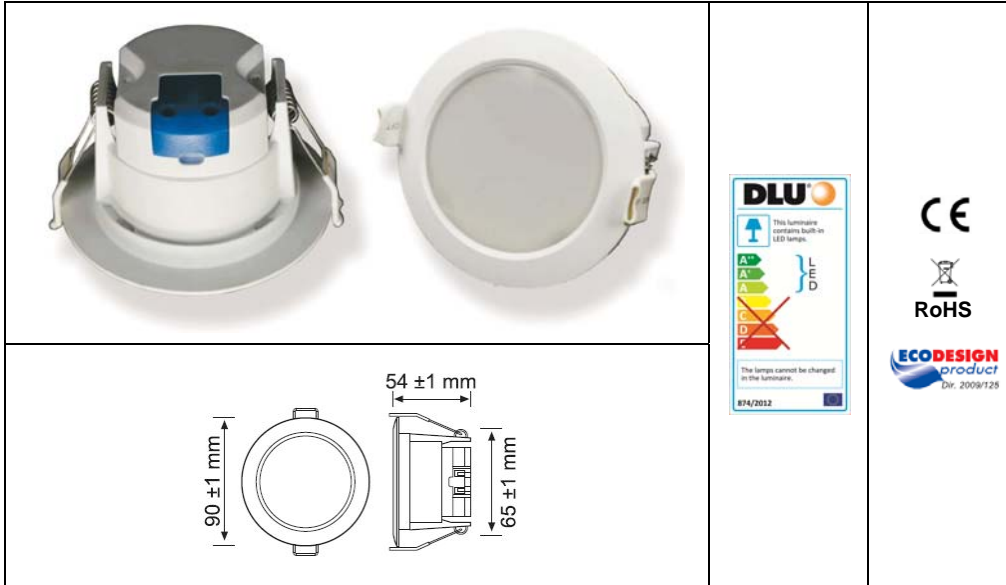


LED FIXTURES

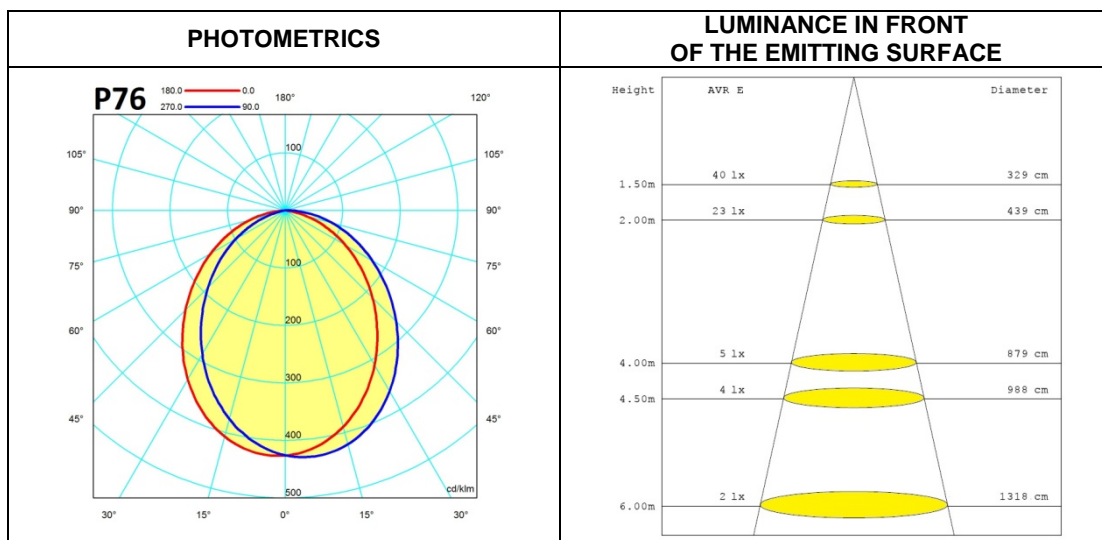
FIXED RECESSED DOWNLIGHTER MR16/GU10 7W IP44







ECO BRIGHT



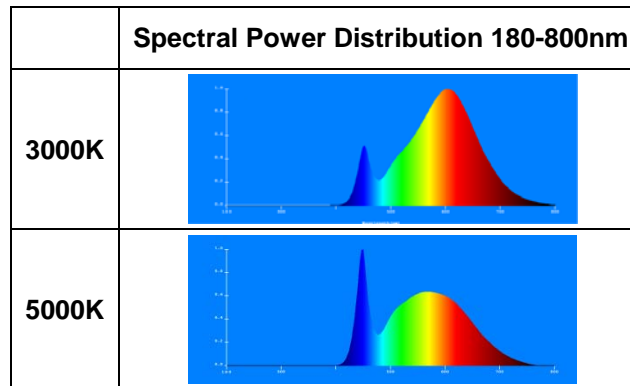
Fixed recessed downlighter for false ceiling, integrating an array of high power LEDs geared by an internal LED driver. Substitution of fixtures for GU10/MR16 halogen lamps. IP44 protection degree against ingress of dust, solid objects and moisture. Fixture body in polycarbonate with opaque white finish; frosted frontal screen in polycarbonate as optical diffuser. Two sustaining springs in stainless steel.

CODE	V _{in}	P _{nom} (W)	PF	Luminous Flux (lm)	lm/W	T _c (K)	R _a	Axis cd	Beam Opening	Frontal Glass
FLLD57VAC	220-240V 50/60Hz	7	> 0.50	600	85.7	3000	> 80	250	100°	Optical Diffuser
FLLD57VEC	220-240V 50/60Hz	7	> 0.50	600	85.7	5000	> 80	250	100°	Optical Diffuser




Operating electric conditions	220-240V 50/60Hz
Insulating class	
Not Adjustable	
False ceiling hole	
Useful lifetime	25.000h L70 (Ta=25°C)
For indoor use only	
Recommended ambient temperature	
Not suitable for covering with thermally insulated material	
Protection degree	IP44
Weight	85g
Lamp Survival Factor @6000h	0.90
Lamp Lumen Maintenance Factor @6000h	0.80
Lamp Lumen Maintenance Factor @25.000h	70% (L70)
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

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).



Reference Standards: EN60598-1; EN60598-2-5; EN62031; EN 62722-2-1; IEC62471; EN55015; EN61000-3-2; EN61000-3-3; EN61547; EN62493
 European Directives and Regulations: 2014/35; 2014/30; 92/31; 93/68; 2009/125 (Reg.no.1194/2012); 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</p> <p>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.</p> <p>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.</p> <p>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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