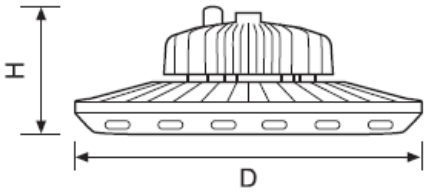
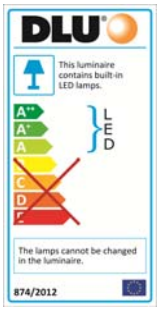
LED FIXTURES
Highbay EVO



P (W)	H (mm)	D (mm)
100	154	290
150	160	340
200	167	386

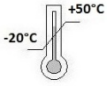


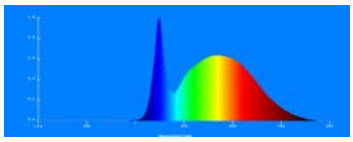
RoHS

ECODESIGN product Dir. 2009/125

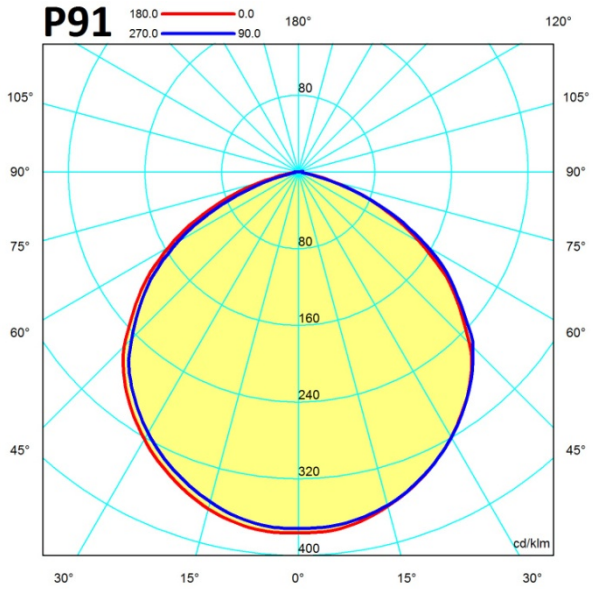
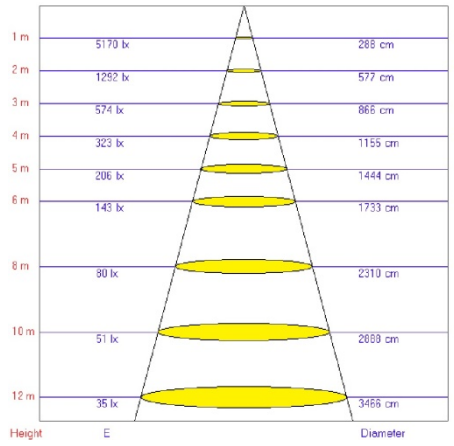
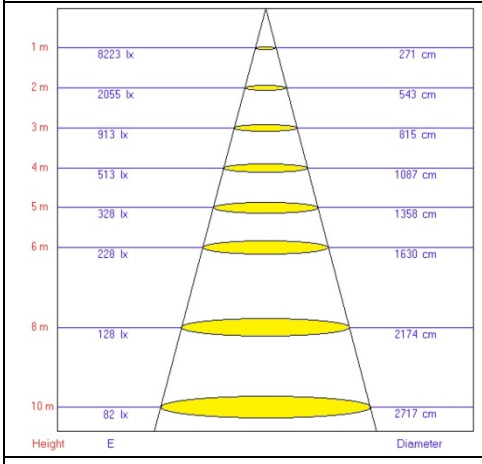
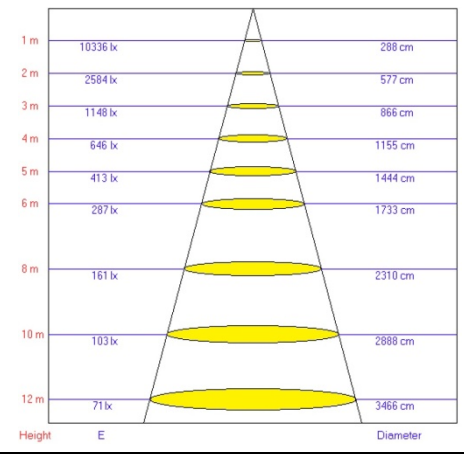
Suspension floodlight, integrating an array of high power LEDs. Fixture body in die-cast Aluminium with heatsink. Opaque black powder-painted finish; transparent frontal screen in polycarbonate. Accessories (to be separately ordered):
- Concentrator lenses in polycarbonate for antiglare
- 180° Tilting bracket for wall mounting

CODE	V_{in}	P_{nom} (W)	PF	Luminous Flux (lm)	lm/W	T_c (K)	R_a	Beam Opening
FLL6O7VDG-E	220-240V 50/60Hz	100	≥ 0.95	14.500	145	5000	> 80	120°
FLL6A7VDG-E	220-240V 50/60Hz	150	≥ 0.95	21.750	145	5000	> 80	120°
FLL6Y7VDG-E	220-240V 50/60Hz	200	≥ 0.95	29.000	145	5000	> 80	120°

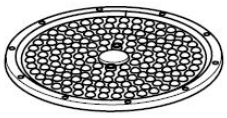
Operating electric conditions	220-240V 50/60Hz
Insulating class	
Not Adjustable	
Useful Lifetime	47.000h L70 (Ta=25°C)
Recommended ambient temperature	
Degree of protection against ingress of dust, solid objects and moisture	IP66
Degree of protection against external mechanical impacts	With transparent screen: IK08 With concentrator lens (accessory): IK08
Weight	100W → 2.6kg 150W → 3.7kg 200W → 5.6kg
Lamp Survival Factor @6000h	0.90
Lamp Lumen Maintenance Factor @6000h	0.80
Lamp Lumen Maintenance Factor @47.000h	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 fixture classified RISK GROUP 1 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).	

Spectral Power Distribution 180-800nm
5000K 

Reference Standards: EN60598-1; EN60598-2-1; 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 no.1369/2017); 2011/65; 2012/19

	GONIOPHOTOMETRICS	LUMINANCE IN FRONT OF THE EMITTING SURFACE
100W		
150W		
200W		

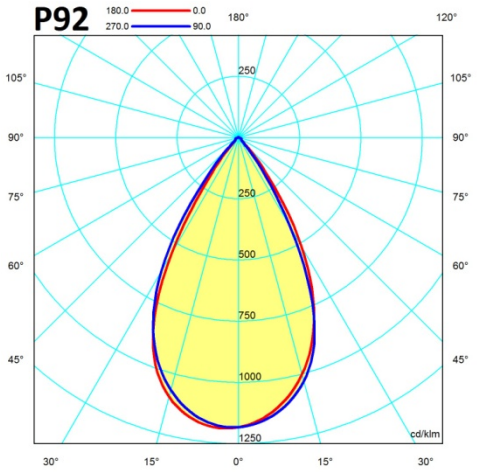
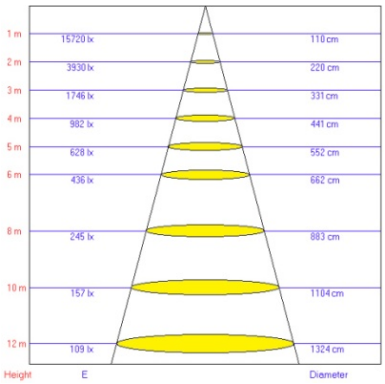
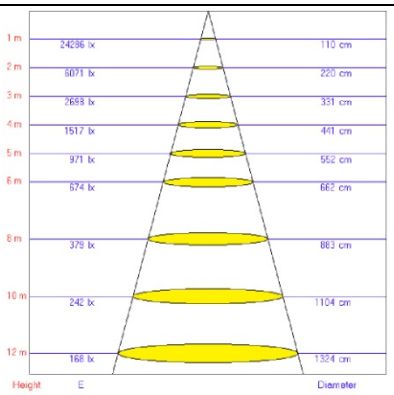
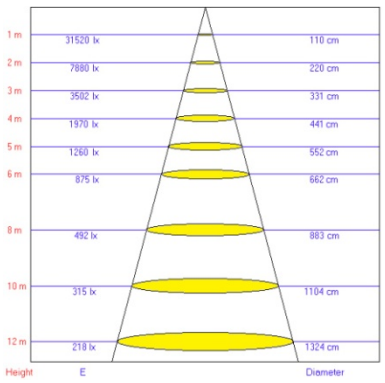
ACCESSORIES for Highbay EVO
ANTIGLARE CONCENTRATOR LENS



Frontal lens for antiglare and reduction of beam opening to 60°.
Made in frosted polycarbonate.

Accessory to be separately ordered, directly mountable on the Highbay, substituting the frontal transparent screen.

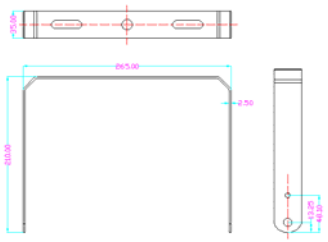
CODE	Dimension	For	Beam opening	Luminous flux (lm)
LEN290D60	Ø228x8mm	Highbay EVO 100W	60°	13.900
LEN340D60	Ø268x8mm	Highbay EVO 150W	60°	21.200
LEN390D60	Ø302x8mm	Highbay EVO 200W	60°	27.800

	Photometric curve	LUMINANCE IN FRONT OF THE EMITTING SURFACE
100W WITH LENS		
150W WITH LENS		
200W WITH LENS		

ACCESSORIES for Highbay EVO

BRACKET FOR WALL-MOUNTING

Tilting option 180°.
Material: Iron, outer finish matt black painting.
Accessory to be separately ordered, directly mountable on the optical head.

CODE		
BRACKT210		

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.