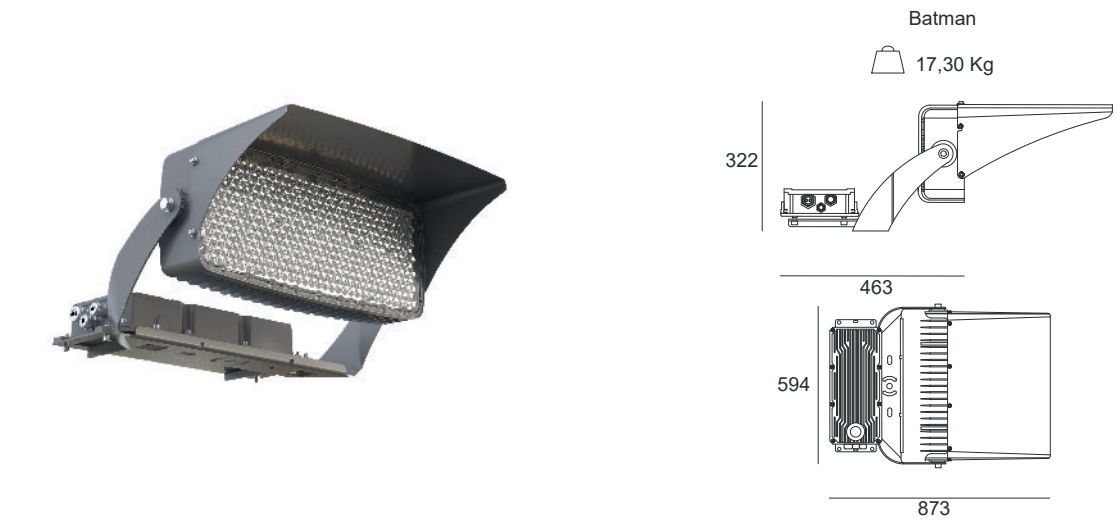


BATMAN | sports projector



On request:

DALI

APPLICATIONS

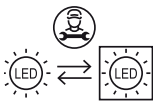
- Lighting fixture for indoor and outdoor sports facilities.
- Certified for operation between -30°C and +55°C.
- Please consult our technical departments for specific applications.

MECHANICS

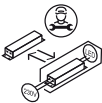
- Steel body with heat-dissipating function.
- Anodized steel heat sink.
- Adjustable press-bent steel bracket.
- Powder-coated finish for high resistance to weather and UV rays.
- High-efficiency PMMA optic ensuring clear, high-quality light output.
- Optical assembly specifically designed for maximum performance.
- Light distribution options: Narrow Beam 1, Narrow Beam 2, Asymmetric, Medium, Wide/Diffused.
- All fixings use high-molybdenum (2.5–3%) stainless steel screws.
- Annealed silicone gaskets.
- Includes plastic cable gland and 0.5–1m output cable.
- IK08 impact protection.
- IP66 protection – dust-tight and protected against powerful water jets.
- Available in Insulation Class I and Class II.

ALIMENTATION

- Electronic driver integrated into the luminaire body.
- Available in Standard (ON-OFF) and DALI versions.
- Power supply: 220-240Vac 50/60Hz.
- 3/5-pole terminal block.



LED light source replaceable only by a qualified technician.



Power supply replaceable only by a qualified technician.

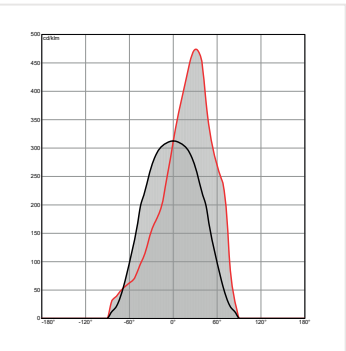
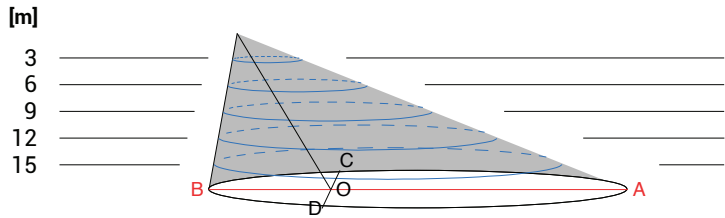
BATMAN | sports projector

Sorgente Light source	Watt LED*	Lumen LED	Lumen OUT**	Classe Energetica Energy rating***	Emissione Emission	Alimentazione Power Supply	K	Colore Colour
LED	720W	102240	86904	D	ASYMMETRIC CONCENTRATING MEDIUM DIFFUSING	ON-OFF DALI	3000K 4000K 5000K 6500K	White Grey Antracite Black

Standby power: 0 | Networked standby power: 0 | Power supply: 230 Vac 50Hz
*LED power **Total fixture output flux @Tamb 25° - 4000K ***This product contains a light source of Energy Efficiency Class D. Allow for an 8% reduction in output flux for the 3000K LED source.

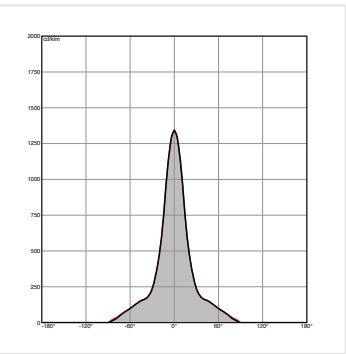
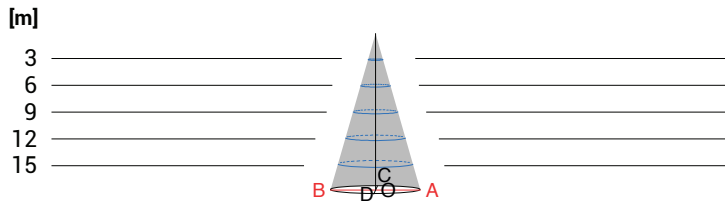
BATMAN AS - Asymmetrical

Batman 720W		
M	Lux Max	Lux Med
3	1217	791
6	304	168
9	136	88
12	75	42
15	50	29



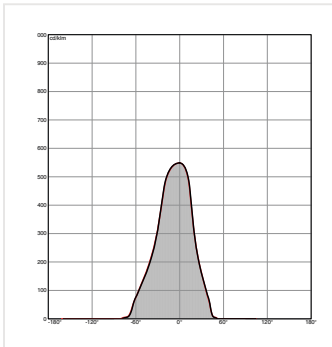
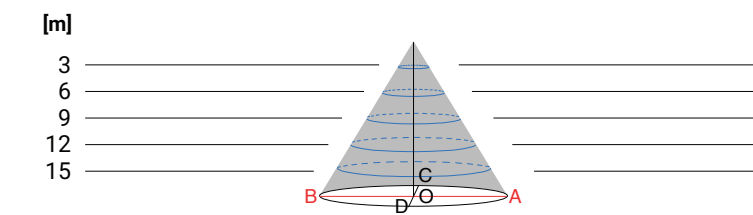
BATMAN CO - Concentrating

Batman 720W		
M	Lux Max	Lux Med
3	4578	2822
6	1149	717
9	507	321
12	287	186
15	182	108

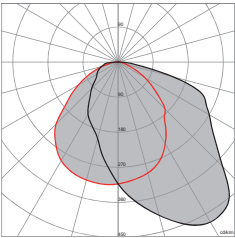


BATMAN MED - Average

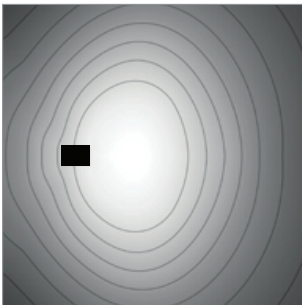
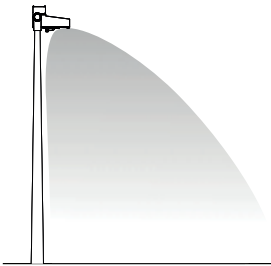
Batman 720W		
M	Lux Max	Lux Med
3	2818	2059
6	678	513
9	278	190
12	225	127
15	119	83



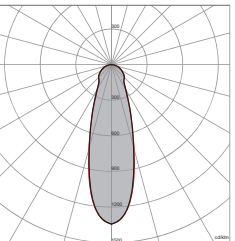
AS - Asymmetrical



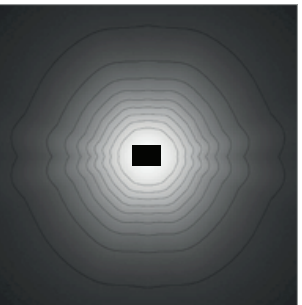
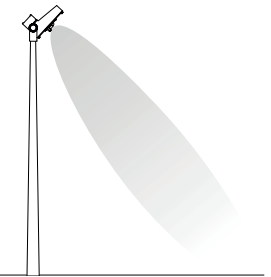
Lm Led/Lm Out:
Standard -N (4000 K)
-8% -W (3000 K)



CO - Concentrating

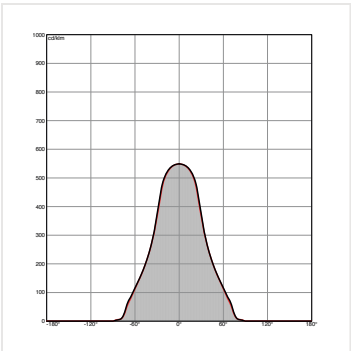
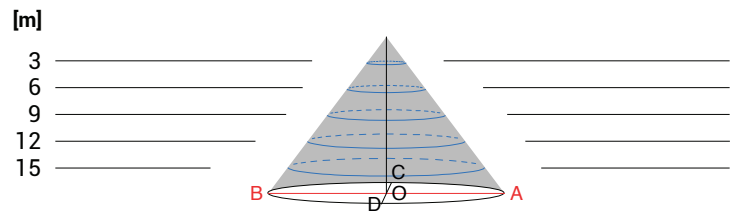


Lm Led/Lm Out:
Standard -N (4000 K)
-8% -W (3000 K)

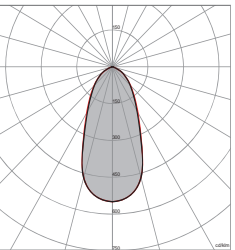


BATMAN DI - Diffusing

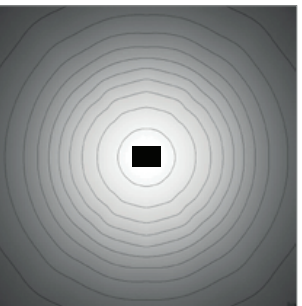
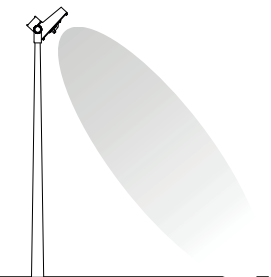
Batman 720W		
M	Lux Max	Lux Med
3	1943	903
6	490	227
9	219	101
12	126	58
15	78	35



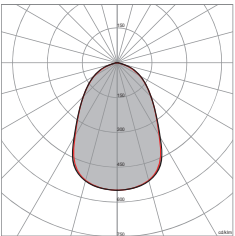
MED - Average



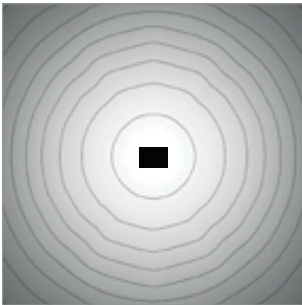
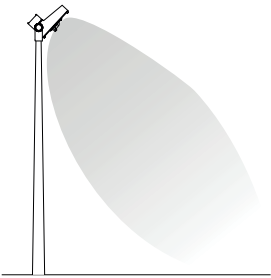
Lm Led/Lm Out:
Standard -N (4000 K)
-8% -W (3000 K)



DI - Diffusing

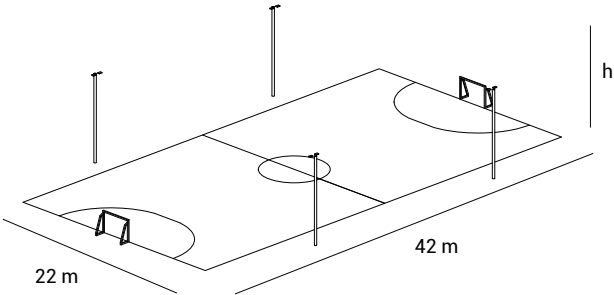


Lm Led/Lm Out:
Standard -N (4000 K)
-8% -W (3000 K)

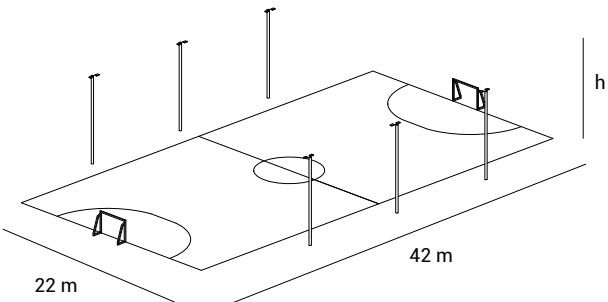


FOOTBALL	
Pitch usage level	Required lighting
Non-competitive	<100 lx
Amateur (LND)	200 lx
Local competitive (FIGC)	200 lx
National and international professional (FIGC)	500 lx

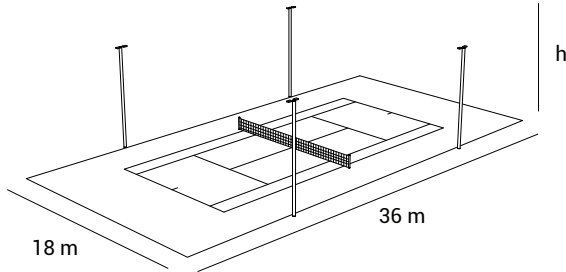
TENNIS		
Court usage level	Outdoor courts	Indoor courts
Non-competitive	<100 lx	200 lx
Level 1 activity	200 lx	300 lx
Level 2 activity	300 lx	500 lx
Level 3 activity	500 lx	750 lx



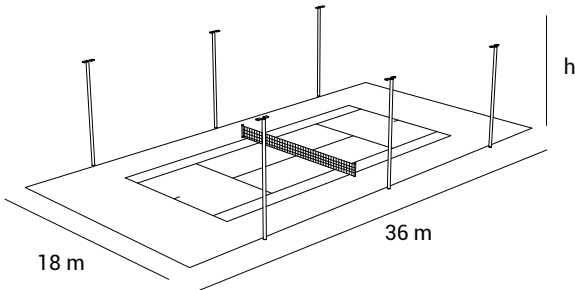
FOOTBALL			
Playing field	Posts	Resulting value of Lux	Lamps required
44 x 22m 4 x h = 9m 100 Lx N°6 Pcs: Bizon 720W AS	4 x h = 9m	100 Lx	N°6 Pz: Bizon 720W AS
44 x 22m 4 x h = 9m 200 Lx N°8 Pcs: Bizon 720W AS	4 x h = 9m	200 Lx	N°8 Pz: Bizon 720W AS



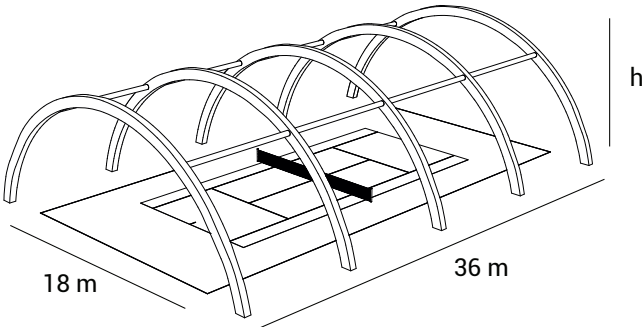
SOCCER			
Playing field	Poles	Resulting Lux value	Required lamps
44 x 22m	6 x h = 10m	130 Lx	12 units: Bizon 720W AS
44 x 22m	6 x h = 10m	250 Lx	16 units: Bizon 720W AS



TENNIS			
Playing area	Poles	Resulting Lux value	Required lamps
23.8 x 10.8m	4 x h = 8m	165 Lx	8 units: Bizon 720W AS



TENNIS			
Playing area	Poles	Resulting Lux value	Required lamps
23.8 x 10.8m	6 x h = 8m	300 Lx	12 units: Bizon 720W AS



TENNIS			
Playing area	Poles	Resulting Lux value	Required lamps
23.8 x 10.8 m	2 x 5 units (h = 7.5 m)	300 Lx	8 units: Bizon 720W AS