



NEXT 6



CL I

IK09

IP66



symmetric version

asymmetric version

GENERAL SPECIFICATIONS			
Type	Floodlight		
Application	Architectural and outdoor lighting, sport venues		
SYMMETRIC OPTICAL SYSTEM			
Optic	high purity aluminum (99,99%) reflectors, with elevated reflectance and performance		
Beam	MB: medium beam 2x30°, with specular finishing		
Beam	WB: wide beam 2x40°, with peened finishing		
ASYMMETRIC OPTICAL SYSTEM			
Optic	high purity aluminum (99,99%) reflectors, with elevated reflectance and performance		
Maximum intensity	A1 = 45°	A2 = 43°	
Maximum intensity with visor	A1 = 57°	A2 = 55°	
TECHNICAL SPECIFICATIONS			
Insulation class	CL I		
Overall protection degree	IP66		
Protection degree against external impacts	IK09		
Color temperature	4000K		
Color rendering index (CRI)	>70		
Working temperature	-30° ÷ +40°C		
Certifications	CE - ENEC (only for electrical components)		
Construction standards	EN 60598-1, EN 60598-2-5		
Class of photobiological risk	Risk group exempt from this according to EN 62471		
POWER SUPPLY SPECIFICATIONS			
Power supply	220 - 240V / 50 - 60 Hz VAC		
Driver	high efficiency electronic power source and duration, intended for external use with thermal protection		
Remote control system	1:10V		
DALI	optional		
Power correction factor	> 0,9		
Power supply cable access	through a PG13,5 cable gland (IP68)		
Protection against surges	up to 10kV in common mode, 6kV in differential mode		
MAINTAINED AVERAGE LUMINOUS FLUX - evaluated at Ta = 35°C			
L80 B10	> 100.000 hours		
L90 B10	> 50.000 hours		
MATERIALS AND FITTINGS			
LED	LED COB technology on aluminium plate		
Body	in die-cast aluminium (EN AB 47100) with rear cross-sectional cooling fins studied for an efficient and ideal thermal dissipation		
Paint	silver-colored polyester powders (RAL 9006)		
Screen	extra-clear tempered glass 5mm thick with aesthetic silkscreen print in silver (RAL 9006)		
Bracket	in galvanized steel painted in Silver color (RAL 9006)		
Pressure compensation filter	in Teflon		
Gaskets	anti-aging rubber		
Closure screws	in stainless steel with TORX T20 imprint		
External screws	in stainless steel		
Visor (for asymmetrical version)	in aluminium, painted in silver-colored polyester powders (RAL 9006)		
Protractor scale	included		
MOUNTING AND FLOODLIGHT SPECIFICATIONS			
Weight	13 kg		
Wind exposed surface	tilt 0°	tilt 45°	tilt 90°
	lateral: 0,028 m ² front: 0,076 m ²	lateral: 0,028 m ² front: 0,194 m ²	lateral: 0,028 m ² front: 0,253 m ²
Aiming	see operating position outline		
Installation	by means of bracket		

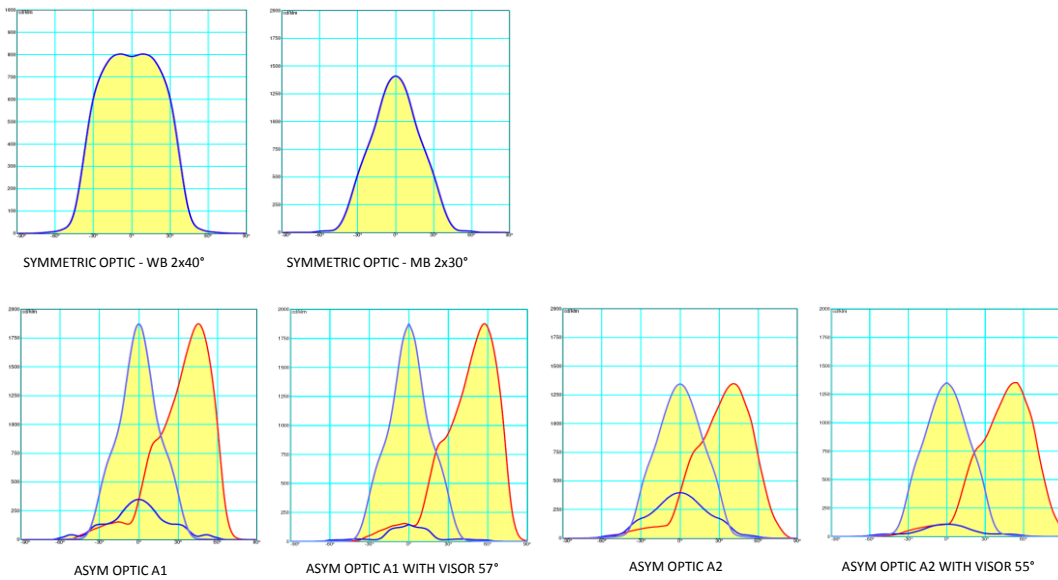
NEXT 6 SYMMETRIC

CODE CLI	# LED	TYPE OF LED	DESCRIPTION	BEAM	W (LED + DRIVER)	EFFICIENCY Lm/W	NOMINAL FLUX LED PLATE (Lumen)	USEFUL OUTPUT FLUX (Lumen)	COLOR TEMP. °K (*) - CRI
P 34045	6	COB	SYMMETRIC	WB	219	135	37000	29500	4000 - CRI > 70
P 34046	6	COB	SYMMETRIC	MB	219	135	37000	29500	4000 - CRI > 70
P 34049	6	COB	SYMMETRIC	WB	316	142	57000	44800	4000 - CRI > 70
P 34050	6	COB	SYMMETRIC	MB	316	142	57000	44800	4000 - CRI > 70

NEXT 6 ASYMMETRIC

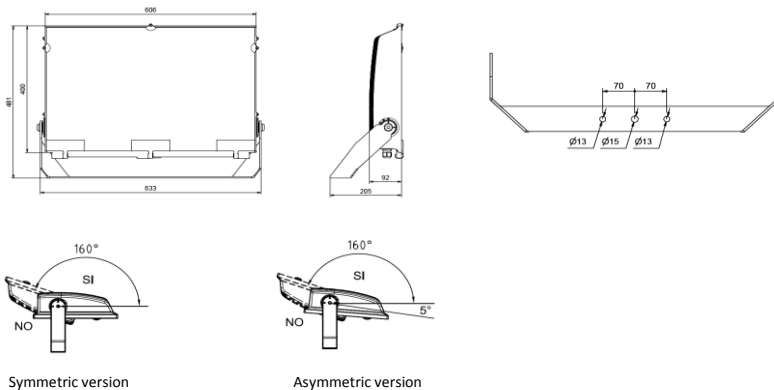
CODE CLI	# LED	TYPE OF LED	DESCRIPTION	BEAM	W (LED + DRIVER)	EFFICIENCY Lm/W	NOMINAL FLUX LED PLATE (Lumen)	USEFUL OUTPUT FLUX (Lumen)	COLOR TEMP. °K (*) - CRI
P 34097	6	COB	ASYMMETRIC	A2	219	128	37000	28000	4000 - CRI > 70
P 34098	6	COB	ASYMMETRIC	A1	219	128	37000	28000	4000 - CRI > 70
P 34101	6	COB	ASYMMETRIC	A2	270	135	48000	36500	4000 - CRI > 70
P 34102	6	COB	ASYMMETRIC	A1	270	135	48000	36500	4000 - CRI > 70

PHOTOMETRIC DATA



Photometric data measured according to UNI EN 13032-1 and IES LM 79-08

DIMENSIONAL DRAWINGS AND OPERATING POSITION



Symmetric version

Asymmetric version

Multiplier to get the luminous flux according to the color temperature and to the color rendering index (CRI)

COLOR TEMPERATURE (K)	MULTIPLIER
5000K - CRI > 70	1,02
5000K - CRI > 80	0,96
4000K - CRI > 70	1,00
4000K - CRI > 80	0,95

The flux values given in this data sheet are to be considered with a tolerance of +10%.
The electrical power given in this data sheet are to be considered with a tolerance of +5%.