NEXT 8

symmetric version

asymmetric version

CL I IK09 IP66

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 alluminium (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 temperated 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	13,20 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	

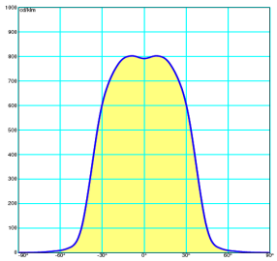
NEXT 8 SYMMETRIC

	CODE CL I	# 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	34053	8	COB	SYMMETRIC	WB	400	145	73000	58000	4000 - CRI > 70
P	34054	8	COB	SYMMETRIC	MB	400	145	73000	58000	4000 - CRI > 70

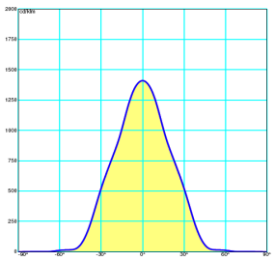
NEXT 8 ASYMMETRIC

	CODE CL I	# 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
F	34105	8	COB	ASYMMETRIC	A2	334	141	61000	47200	4000 - CRI > 70
F	34106	8	COB	ASYMMETRIC	A1	334	141	61000	47200	4000 - CRI > 70

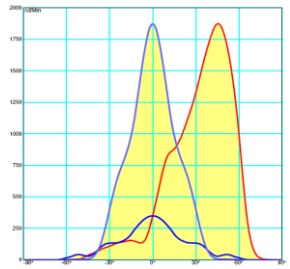
PHOTOMETRIC DATA



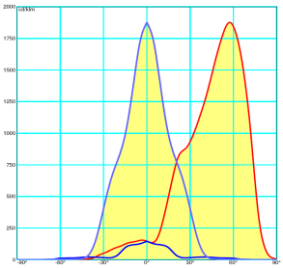
SYMMETRIC OPTIC - WB 2x40°



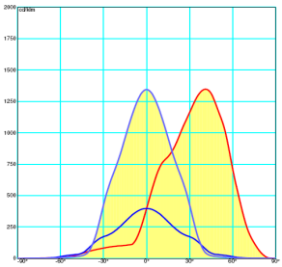
SYMMETRIC OPTIC - MB 2x30°



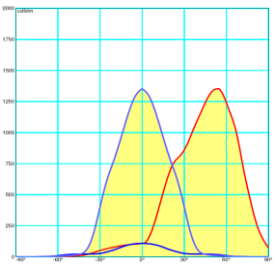
ASYM OPTIC A1



ASYM OPTIC A1 WITH VISOR 57°



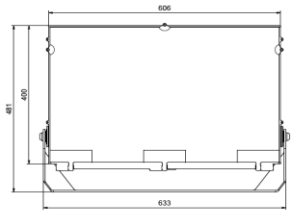
ASYM OPTIC A2

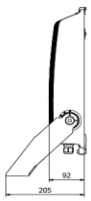


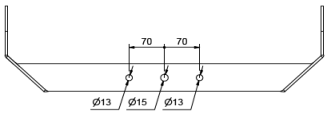
ASYM OPTIC A2 WITH VISOR 55°

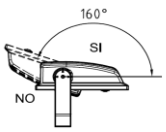
Photometric data measured according to UNI EN 13032-1 and IES LM 79-08

DIMENSIONAL DRAWINGS AND OPERATING POSITION

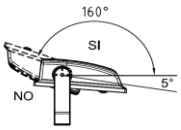








Symmetric version



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
13,20 kg	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%.