NEXT 1



symmetric version



asymmetric version

CL I IK08 IP66

GENERAL SPECIFICATIONS			
Type	Floodlight		
Application	Architectural and indoor lighting		
SYMMETRIC OPTICAL SYSTEM			
Optic	high purity aluminum (99,99%) reflectors, with elevated reflectance and performance		
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	36°		
TECHNICAL SPECIFICATIONS			
Insulation class	CL I		
Overall protection degree	IP66		
Protection degree against external impacts	IK08		
Color temperature	4000K		
Color rendering index (CRI)	>70		
MacAdam step	3 steps		
Working temperature	-30° ÷ +50°C (see specifications on page 2)		
Certifications	CE - ENEC		
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 (optional)		
Power correction factor	> 0,9		
Cable plate	complete with easily replaceable electronic unit		
Power supply cable access	through a PG11 cable gland (IP68)		
Protection against surges	up to 4kV in common mode, 2kV 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 technology on aluminium body		
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		
Adjustment of the floodlight	Notches on bracket and lateral scale on body		
MOUNTING AND FLOODLIGHT SPECIFICATIONS			
Weight	2,50 kg		
Wind exposed surface	tilt 0°	tilt 45°	tilt 90°
	lateral: 0,014 m^2 front: 0,012 m^2	lateral: 0,014 m2 front: 0,040 m2	lateral: 0,014 m2 front: 0,050 m2
Aiming	see operating position outline		
Installation	by means of bracket		

NEXT 1 SYMMETRIC

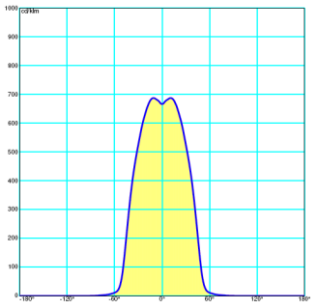
ta 35°C

CODE CL I	# LED	DESCRIPTION	BEAM	W (LED + DRIVER)	EFFICIENCY Lm/W	NOMINAL FLUX (Lumen)	USEFUL OUTPUT FLUX (Lumen)	COLOR TEMP. °K (*) - CRI	Vol. (m3)
F 34009	1 LED	SYMMETRIC	WB	38	132	6400	5000	4000 - CRI > 70	0,0079
F 34015	1 LED	SYMMETRIC	WB	50	136	8800	6800	4000 - CRI > 70	0,0079

ta 50°C

CODE CL I	# LED	DESCRIPTION	BEAM	W (LED + DRIVER)	EFFICIENCY Lm/W	NOMINAL FLUX (Lumen)	USEFUL OUTPUT FLUX (Lumen)	COLOR TEMP. °K (*) - CRI	Vol. (m3)
F 34124	1 LED	SYMMETRIC	WB	42	140	7650	5900	4000 - CRI > 70	0,0079

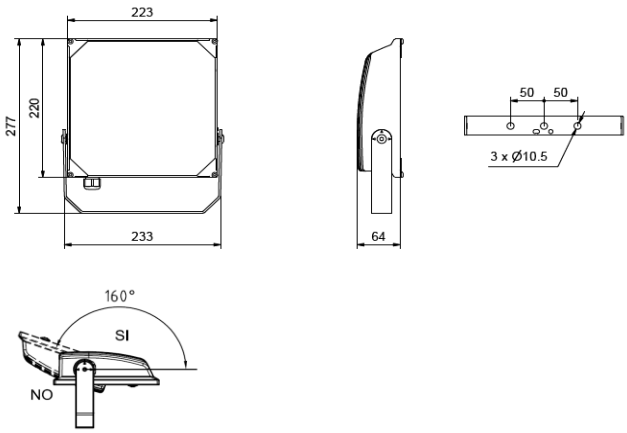
PHOTOMETRIC DATA



SYMMETRIC OPTIC - WB 2x40°

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

DIMENSIONAL DRAWINGS AND OPERATING POSITION



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%.

NEXT 1 ASYMMETRIC

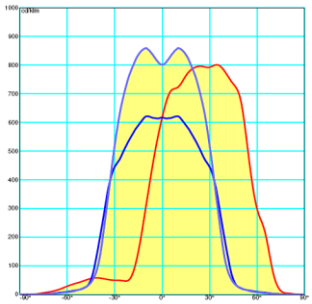
ta 35°C

CODE CL I	# LED	DESCRIPTION	W (LED + DRIVER)	EFFICIENCY Lm/W	NOMINAL FLUX (Lumen)	USEFUL OUTPUT FLUX (Lumen)	COLOR TEMP. °K (*) - CRI	Vol. (m3)
F 34065	1 LED	ASYMMETRIC	38	125	6000	4750	4000 - CRI > 70	0,0079
F 34071	1 LED	ASYMMETRIC	50	130	8200	6500	4000 - CRI > 70	0,0079

ta 50°C

CODE CL I	# LED	DESCRIPTION	W (LED + DRIVER)	EFFICIENCY Lm/W	NOMINAL FLUX (Lumen)	USEFUL OUTPUT FLUX (Lumen)	COLOR TEMP. °K (*) - CRI	Vol. (m3)
F 34150	1 LED	ASYMMETRIC	42	133	7000	5600	4000 - CRI > 70	0,0079

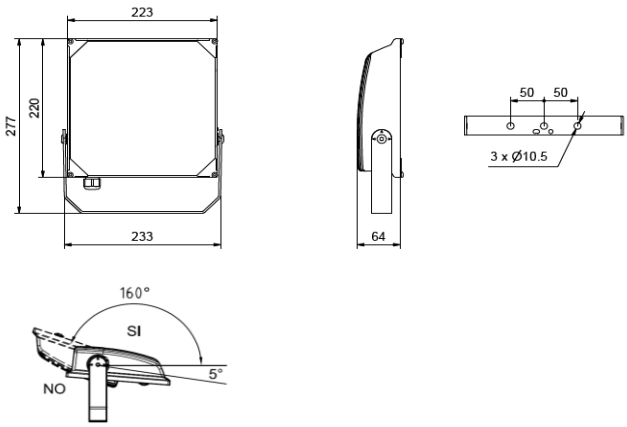
PHOTOMETRIC DATA



ASYMMETRIC OPTIC

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

DIMENSIONAL DRAWINGS AND OPERATING POSITION



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%.