DATASHEET

Rev. 26/10/2020

NEXT 2



symmetric version



asymmetric version

CL I IK08 IP66

GENERAL SPECIFICATIONS		
Type	Floodlight	
Application	Architectural and indoor lighting, sport venues	
SYMMETRIC OPTICAL SYSTEM		
Optic	high purity aluminum (99,99%) reflectors, with elevated reflectance and performance	
Beam	MB: medium beam 2x26°, 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	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	
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 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	
Visor (for asymmetrical version)	in aluminium, painted in silver-colored polyester powders (RAL 9006)	
Adjustment of the floodlight	aluminum lateral protractor scale	
MOUNTING AND FLOODLIGHT SPECIFICATIONS		
Weight	6 kg	
Wind exposed surface	tilt 0°	tilt 45° / tilt 90°
	lateral: 0,028 m^2 front: 0,024 m^2	lateral: 0,028 m^2 front: 0,081 m^2 / lateral: 0,028 m^2 front: 0,102 m^2
Aiming	see operating position outline	
Installation	by means of bracket	

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cod. fisc. 00793220153

NEXT 2 SYMMETRIC

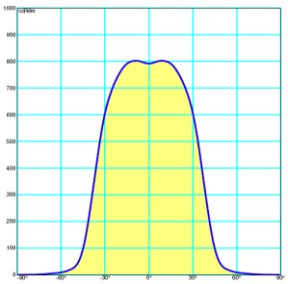
ta 35°C

	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)
P	34025	2 LED	SYMMETRIC	WB	93	124	14000	11500	4000 - CRI > 70	0,0150
P	34026	2 LED	SYMMETRIC	MB	93	124	14000	11500	4000 - CRI > 70	0,0150
P	34033	2 LED	SYMMETRIC	WB	130	135	22000	17500	4000 - CRI > 70	0,0150
P	34034	2 LED	SYMMETRIC	MB	130	135	22000	17500	4000 - CRI > 70	0,0150

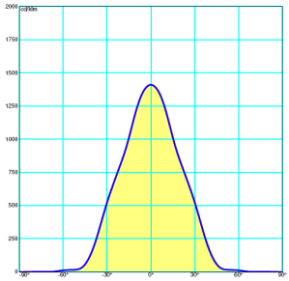
ta 50°C

	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)
P	34021	2 LED	SYMMETRIC	WB	73	123	11300	9000	4000 - CRI > 70	0,0150
P	34022	2 LED	SYMMETRIC	MB	73	123	11300	9000	4000 - CRI > 70	0,0150
P	34029	2 LED	SYMMETRIC	WB	102	137	17000	14000	4000 - CRI > 70	0,0150
P	34030	2 LED	SYMMETRIC	MB	102	137	17000	14000	4000 - CRI > 70	0,0150

PHOTOMETRIC DATA



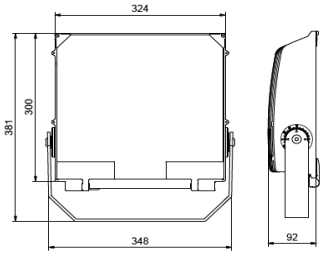
SYMMETRIC OPTIC - WB 2x40°

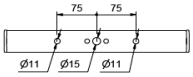


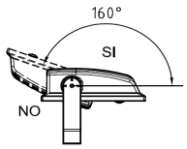
SYMMETRIC OPTIC - MB 2x30°

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 2 ASYMMETRIC

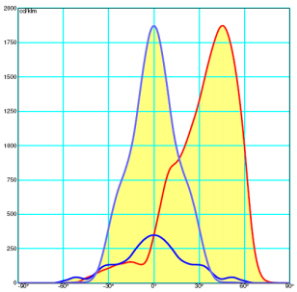
ta 35°C

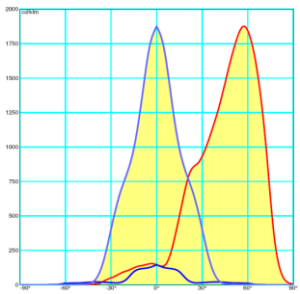
	CODE CL I	# LED	DESCRIPTION	BEAM	W (LED + DRIVER)	EFFICIENCY Lm/W	NOMINAL FLUX (Lumen)	USEFUL OUTPUT FLUX (Lumen)	COLOR TEMP. °K (*) - CRI	Vol. (m3)
P	34081	2 LED	ASYMMETRIC	A2	93	116	14000	10800	4000 - CRI > 70	0,0150
P	34082	2 LED	ASYMMETRIC	A1	93	116	14000	10800	4000 - CRI > 70	0,0150
P	34085	2 LED	ASYMMETRIC	A2	130	131	22000	17000	4000 - CRI > 70	0,0150
P	34086	2 LED	ASYMMETRIC	A1	130	131	22000	17000	4000 - CRI > 70	0,0150

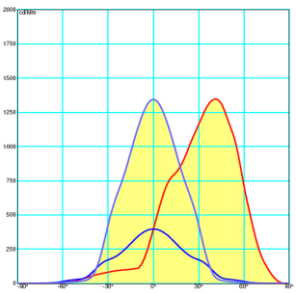
ta 50°C

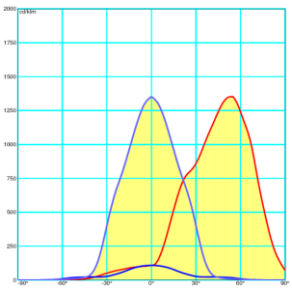
	CODE CL I	# LED	DESCRIPTION	BEAM	W (LED + DRIVER)	EFFICIENCY Lm/W	NOMINAL FLUX (Lumen)	USEFUL OUTPUT FLUX (Lumen)	COLOR TEMP. °K (*) - CRI	Vol. (m3)
P	34077	2 LED	ASYMMETRIC	A2	73	118	11300	8600	4000 - CRI > 70	0,0150
P	34078	2 LED	ASYMMETRIC	A1	73	118	11300	8600	4000 - CRI > 70	0,0150
P	34109	2 LED	ASYMMETRIC	A2	102	137	17000	14000	4000 - CRI > 70	0,0150
P	34110	2 LED	ASYMMETRIC	A1	102	137	17000	14000	4000 - CRI > 70	0,0150

PHOTOMETRIC DATA


ASYM OPTIC A1

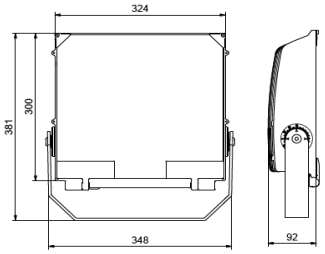

ASYM OPTIC A1 WITH VISOR 57°

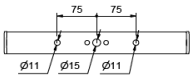

ASYM OPTIC A2

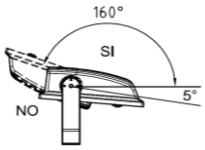

ASYM OPTIC A2 WITH VISOR 55°

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

DIMENSIONAL DRAWINGS AND OPERATING POSITION







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

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