

ALO

ALO 1

MAIN CHARACTERISTICS

Applications	Wide area lighting and sports facilities.
Optic	SP15 / SP25 / SP40: Symmetrical optic for projection. AM10 / AN10 / AW10 / ASM / ASN / ASW / A25: Asymmetrical optic for projection. BAC: Bidirectional asymmetric optic for projection, central emission. BAR/BAL: Bidirectional asymmetric optic for projection, right/left emission. Colour temperature: 5700K, CRI ≥ 70 (CRI 80, CRI 90 optional) 4000K, 3000K, CRI ≥ 70 optional LED source efficiency: 173 lm/W @ 700mA, Tj=85°C, 5700K
Insulation class	I
Protection degree	IP66 IK08 total
Dimensions	See the drawing
Weight	max 12.5 kg (excluded gear tray)
Exposed surface	Side: 0.026 m ² – Top: 0.15 m ² SCx: 0.13 m ²
Mounting	Installation with C bracket or MICROMOOVER.
Tilt Angle	C bracket: -90° ÷ +90° on horizontal plane with steps graduated in 5° controlled steps. Micro-adjustment with slots ±2.5° (0.5° step) for intermediate values to the main adjustment. MICROMOOVER: +20° ÷ +75° on horizontal plane. Micro-adjustment 0/+10° for intermediate values to the main setting. Adjustment on vertical axis: ±180°.
Gear tray	Remote. (Power supply size 335x144mm H=60mm - Weight: 3,4 kg). Optional: mounting over luminaire body with integrated flanges (only with C bracket version).
Operating temp.	-40°C / +50°C
Storage temperature	-40°C / +80°C
Main reference standards	EN 60598-1, EN 60598-2-3, EN 60598-2-5, IEC 62471, EN 55015, EN 61547, EN 61000-3-2, EN 61000-3-3



ELECTRICAL CHARACTERISTICS

Rated voltage	220÷480V 50/60Hz (Standard tolerance +/-10%, other voltages and tolerances upon request)
Power factor	>0,9 (at full load)
Flicker factor (FF)	< 3%
Mains connection	On terminal block for cables max. section 4mm ²
Surge protection	Up to 10kV
Control system (options)	F: Fixed power not dimmable. FLC: Constant light flux. DALI: Digital dimming interface DALI. ZHAGA: Socket 4 pin (ZHAGA Book 18).
Optical unit lifetime (Tq=25°C, 700mA)	>50.000hr L80B10

MATERIALS

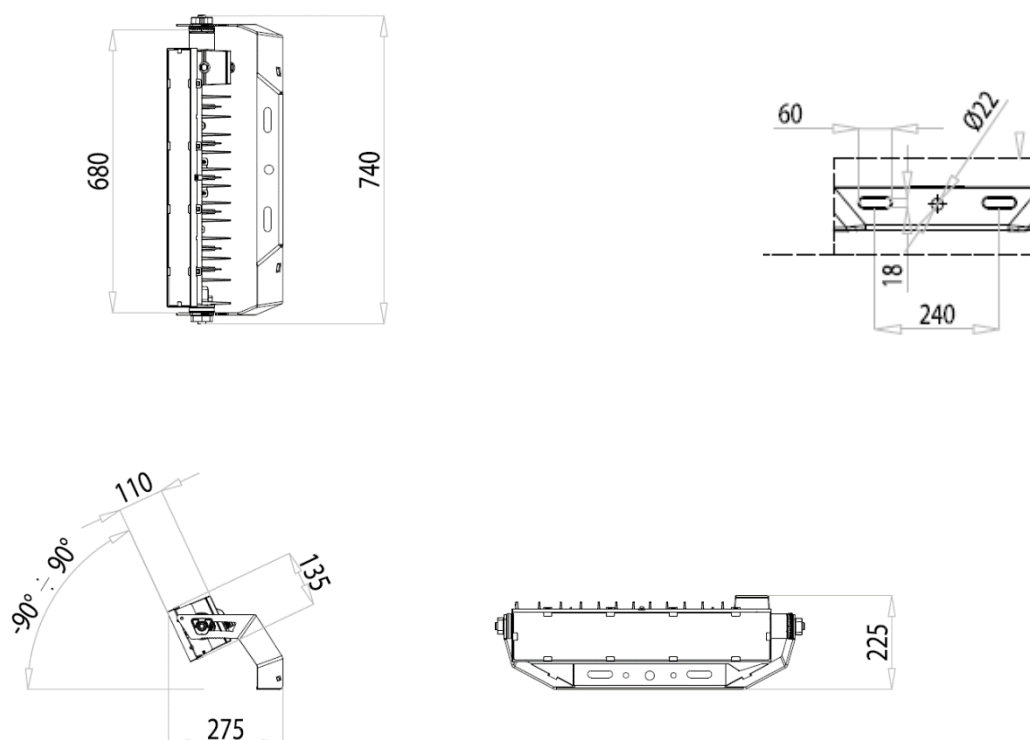
Fixing	Galvanized steel powder painted.
Body - Heat-sink	Die-cast aluminum UNI EN1706 powder painted.
Screen frame	Galvanised and painted steel with stainless steel springs.
Optic	Polycarbonate
Screen	Flat tempered glass, 5mm thickness high transparency.
Cable gland	Metallic M20 x 1.5 - IP68
Gasket	Silicone
Colour	Matt satin grey RAL 7004 - Cod. 7J

OPTIONAL

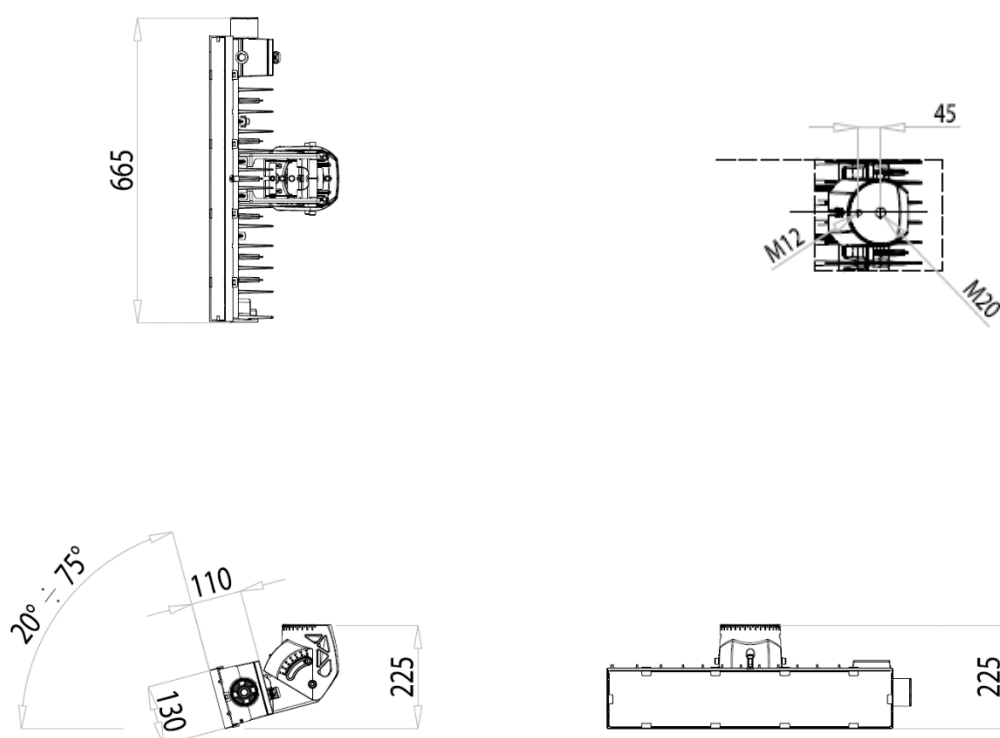
ES	External Shield – upward emission shield.
Red Dot Sight	Pointer for spot adjustments.
Power supply support	Support for integrated power supply mounting on floodlight (only with C bracket version).

DIMENSIONAL DRAWINGS

ALO with C bracket



ALO with MICROMOVER



ALO 1 2T12 SPORT LIGHTING – 7057 OT25

LUMINAIRE	OPTIC	LED CURRENT (mA)	RATED LUMINAIRE FLUX* (Tq=25°C, 5700K, lm)	RATED LUMINAIRE POWER* (Tq=25°C, Vin=230Vac, F, W)	LUMINAIRE EFFICACY (Tq=25°C, lm/W)
ALO 1 2T12 A25 7057.350-22M OT25	A25	350	44110	268	164
ALO 1 2T12 A25 7057.400-22M OT25	A25	400	49230	307	160
ALO 1 2T12 A25 7057.450-22M OT25	A25	450	54060	347	155
ALO 1 2T12 A25 7057.500-22M OT25	A25	500	58590	387	151
ALO 1 2T12 A25 7057.550-22M OT25	A25	550	62820	427	147
ALO 1 2T12 A25 7057.600-22M OT25	A25	600	66750	467	142
ALO 1 2T12 A25 7057.650-22M OT25	A25	650	70380	506	139
ALO 1 2T12 A25 7057.675-22M OT25	A25	675	72080	526	137
ALO 1 2T12 A25 7057.700-22M OT25	A25	700	73700	545	135
ALO 1 2T12 A25 7057.350-22M ES OT25	A25	350	41900	268	156
ALO 1 2T12 A25 7057.400-22M ES OT25	A25	400	46770	307	152
ALO 1 2T12 A25 7057.450-22M ES OT25	A25	450	51360	347	148
ALO 1 2T12 A25 7057.500-22M ES OT25	A25	500	55660	387	143
ALO 1 2T12 A25 7057.550-22M ES OT25	A25	550	59680	427	139
ALO 1 2T12 A25 7057.600-22M ES OT25	A25	600	63410	467	135
ALO 1 2T12 A25 7057.650-22M ES OT25	A25	650	66860	506	132
ALO 1 2T12 A25 7057.675-22M ES OT25	A25	675	68480	526	130
ALO 1 2T12 A25 7057.700-22M ES OT25	A25	700	70020	545	128
ALO 1 2T12 AM10 7057.350-22M OT25	AM10	350	43610	268	162
ALO 1 2T12 AM10 7057.400-22M OT25	AM10	400	48680	307	158
ALO 1 2T12 AM10 7057.450-22M OT25	AM10	450	53450	347	154
ALO 1 2T12 AM10 7057.500-22M OT25	AM10	500	57930	387	149
ALO 1 2T12 AM10 7057.550-22M OT25	AM10	550	62110	427	145
ALO 1 2T12 AM10 7057.600-22M OT25	AM10	600	65990	467	141

LUMINAIRE	OPTIC	LED CURRENT (mA)	RATED LUMINAIRE FLUX* (Tq=25°C, 5700K, lm)	RATED LUMINAIRE POWER* (Tq=25°C, Vin=230Vac, F, W)	LUMINAIRE EFFICACY (Tq=25°C, lm/W)
ALO 1 2T12 AM10 7057.650-22M OT25	AM10	650	69580	506	137
ALO 1 2T12 AM10 7057.675-22M OT25	AM10	675	71270	526	135
ALO 1 2T12 AM10 7057.700-22M OT25	AM10	700	72880	545	133
ALO 1 2T12 AM10 7057.350-22M ES OT25	AM10	350	39250	268	146
ALO 1 2T12 AM10 7057.400-22M ES OT25	AM10	400	43810	307	142
ALO 1 2T12 AM10 7057.450-22M ES OT25	AM10	450	48110	347	138
ALO 1 2T12 AM10 7057.500-22M ES OT25	AM10	500	52140	387	134
ALO 1 2T12 AM10 7057.550-22M ES OT25	AM10	550	55900	427	130
ALO 1 2T12 AM10 7057.600-22M ES OT25	AM10	600	59390	467	127
ALO 1 2T12 AM10 7057.650-22M ES OT25	AM10	650	62620	506	123
ALO 1 2T12 AM10 7057.675-22M ES OT25	AM10	675	64140	526	121
ALO 1 2T12 AM10 7057.700-22M ES OT25	AM10	700	65590	545	120
ALO 1 2T12 AN10 7057.350-22M OT25	AN10	350	43610	268	162
ALO 1 2T12 AN10 7057.400-22M OT25	AN10	400	48680	307	158
ALO 1 2T12 AN10 7057.450-22M OT25	AN10	450	53450	347	154
ALO 1 2T12 AN10 7057.500-22M OT25	AN10	500	57930	387	149
ALO 1 2T12 AN10 7057.550-22M OT25	AN10	550	62110	427	145
ALO 1 2T12 AN10 7057.600-22M OT25	AN10	600	65990	467	141
ALO 1 2T12 AN10 7057.650-22M OT25	AN10	650	69580	506	137
ALO 1 2T12 AN10 7057.675-22M OT25	AN10	675	71270	526	135
ALO 1 2T12 AN10 7057.700-22M OT25	AN10	700	72880	545	133
ALO 1 2T12 AN10 7057.350-22M ES OT25	AN10	350	39690	268	148
ALO 1 2T12 AN10 7057.400-22M ES OT25	AN10	400	44300	307	144
ALO 1 2T12 AN10 7057.450-22M ES OT25	AN10	450	48640	347	140
ALO 1 2T12 AN10 7057.500-22M ES OT25	AN10	500	52720	387	136

LUMINAIRE	OPTIC	LED CURRENT (mA)	RATED LUMINAIRE FLUX* (Tq=25°C, 5700K, lm)	RATED LUMINAIRE POWER* (Tq=25°C, Vin=230Vac, F, W)	LUMINAIRE EFFICACY (Tq=25°C, lm/W)
ALO 1 2T12 AN10 7057.550-22M ES OT25	AN10	550	56520	427	132
ALO 1 2T12 AN10 7057.600-22M ES OT25	AN10	600	60050	467	128
ALO 1 2T12 AN10 7057.650-22M ES OT25	AN10	650	63320	506	125
ALO 1 2T12 AN10 7057.675-22M ES OT25	AN10	675	64860	526	123
ALO 1 2T12 AN10 7057.700-22M ES OT25	AN10	700	66320	545	121
ALO 1 2T12 ASM 7057.350-22M OT25	ASM	350	44110	268	164
ALO 1 2T12 ASM 7057.400-22M OT25	ASM	400	49230	307	160
ALO 1 2T12 ASM 7057.450-22M OT25	ASM	450	54060	347	155
ALO 1 2T12 ASM 7057.500-22M OT25	ASM	500	58590	387	151
ALO 1 2T12 ASM 7057.550-22M OT25	ASM	550	62820	427	147
ALO 1 2T12 ASM 7057.600-22M OT25	ASM	600	66750	467	142
ALO 1 2T12 ASM 7057.650-22M OT25	ASM	650	70380	506	139
ALO 1 2T12 ASM 7057.675-22M OT25	ASM	675	72080	526	137
ALO 1 2T12 ASM 7057.700-22M OT25	ASM	700	73700	545	135
ALO 1 2T12 ASM 7057.350-22M ES OT25	ASM	350	41900	268	156
ALO 1 2T12 ASM 7057.400-22M ES OT25	ASM	400	46770	307	152
ALO 1 2T12 ASM 7057.450-22M ES OT25	ASM	450	51360	347	148
ALO 1 2T12 ASM 7057.500-22M ES OT25	ASM	500	55660	387	143
ALO 1 2T12 ASM 7057.550-22M ES OT25	ASM	550	59680	427	139
ALO 1 2T12 ASM 7057.600-22M ES OT25	ASM	600	63410	467	135
ALO 1 2T12 ASM 7057.650-22M ES OT25	ASM	650	66860	506	132
ALO 1 2T12 ASM 7057.675-22M ES OT25	ASM	675	68480	526	130
ALO 1 2T12 ASM 7057.700-22M ES OT25	ASM	700	70020	545	128
ALO 1 2T12 ASN 7057.350-22M OT25	ASN	350	44110	268	164
ALO 1 2T12 ASN 7057.400-22M OT25	ASN	400	49230	307	160

LUMINAIRE	OPTIC	LED CURRENT (mA)	RATED LUMINAIRE FLUX* (Tq=25°C, 5700K, lm)	RATED LUMINAIRE POWER* (Tq=25°C, Vin=230Vac, F, W)	LUMINAIRE EFFICACY (Tq=25°C, lm/W)
ALO 1 2T12 ASN 7057.450-22M OT25	ASN	450	54060	347	155
ALO 1 2T12 ASN 7057.500-22M OT25	ASN	500	58590	387	151
ALO 1 2T12 ASN 7057.550-22M OT25	ASN	550	62820	427	147
ALO 1 2T12 ASN 7057.600-22M OT25	ASN	600	66750	467	142
ALO 1 2T12 ASN 7057.650-22M OT25	ASN	650	70380	506	139
ALO 1 2T12 ASN 7057.675-22M OT25	ASN	675	72080	526	137
ALO 1 2T12 ASN 7057.700-22M OT25	ASN	700	73700	545	135
ALO 1 2T12 ASN 7057.350-22M ES OT25	ASN	350	41900	268	156
ALO 1 2T12 ASN 7057.400-22M ES OT25	ASN	400	46770	307	152
ALO 1 2T12 ASN 7057.450-22M ES OT25	ASN	450	51360	347	148
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ALO 1 2T12 ASN 7057.600-22M ES OT25	ASN	600	63410	467	135
ALO 1 2T12 ASN 7057.650-22M ES OT25	ASN	650	66860	506	132
ALO 1 2T12 ASN 7057.675-22M ES OT25	ASN	675	68480	526	130
ALO 1 2T12 ASN 7057.700-22M ES OT25	ASN	700	70020	545	128
ALO 1 2T12 ASW 7057.350-22M OT25	ASW	350	44110	268	164
ALO 1 2T12 ASW 7057.400-22M OT25	ASW	400	49230	307	160
ALO 1 2T12 ASW 7057.450-22M OT25	ASW	450	54060	347	155
ALO 1 2T12 ASW 7057.500-22M OT25	ASW	500	58590	387	151
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ALO 1 2T12 ASW 7057.350-22M ES OT25	ASW	350	41900	268	156
ALO 1 2T12 ASW 7057.400-22M ES OT25	ASW	400	46770	307	152
ALO 1 2T12 ASW 7057.450-22M ES OT25	ASW	450	51360	347	148
ALO 1 2T12 ASW 7057.500-22M ES OT25	ASW	500	55660	387	143
ALO 1 2T12 ASW 7057.550-22M ES OT25	ASW	550	59680	427	139
ALO 1 2T12 ASW 7057.600-22M ES OT25	ASW	600	63410	467	135
ALO 1 2T12 ASW 7057.650-22M ES OT25	ASW	650	66860	506	132
ALO 1 2T12 ASW 7057.675-22M ES OT25	ASW	675	68480	526	130
ALO 1 2T12 ASW 7057.700-22M ES OT25	ASW	700	70020	545	128
ALO 1 2T12 AW10 7057.350-22M OT25	AW10	350	43610	268	162
ALO 1 2T12 AW10 7057.400-22M OT25	AW10	400	48680	307	158
ALO 1 2T12 AW10 7057.450-22M OT25	AW10	450	53450	347	154
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ALO 1 2T12 AW10 7057.550-22M OT25	AW10	550	62110	427	145
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ALO 1 2T12 AW10 7057.400-22M ES OT25	AW10	400	43810	307	142
ALO 1 2T12 AW10 7057.450-22M ES OT25	AW10	450	48110	347	138
ALO 1 2T12 AW10 7057.500-22M ES OT25	AW10	500	52140	387	134
ALO 1 2T12 AW10 7057.550-22M ES OT25	AW10	550	55900	427	130
ALO 1 2T12 AW10 7057.600-22M ES OT25	AW10	600	59390	467	127
ALO 1 2T12 AW10 7057.650-22M ES OT25	AW10	650	62620	506	123

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ALO 1 2T12 AW10 7057.675-22M ES OT25	AW10	675	64140	526	121
ALO 1 2T12 AW10 7057.700-22M ES OT25	AW10	700	65590	545	120
ALO 1 2T12 BAC 7057.350-22M OT25	BAC	350	43610	268	162
ALO 1 2T12 BAC 7057.400-22M OT25	BAC	400	48680	307	158
ALO 1 2T12 BAC 7057.450-22M OT25	BAC	450	53450	347	154
ALO 1 2T12 BAC 7057.500-22M OT25	BAC	500	57930	387	149
ALO 1 2T12 BAC 7057.550-22M OT25	BAC	550	62110	427	145
ALO 1 2T12 BAC 7057.600-22M OT25	BAC	600	65990	467	141
ALO 1 2T12 BAC 7057.650-22M OT25	BAC	650	69580	506	137
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ALO 1 2T12 BAC 7057.700-22M OT25	BAC	700	72880	545	133
ALO 1 2T12 BAC 7057.350-22M ES OT25	BAC	350	40120	268	149
ALO 1 2T12 BAC 7057.400-22M ES OT25	BAC	400	44790	307	145
ALO 1 2T12 BAC 7057.450-22M ES OT25	BAC	450	49170	347	141
ALO 1 2T12 BAC 7057.500-22M ES OT25	BAC	500	53300	387	137
ALO 1 2T12 BAC 7057.550-22M ES OT25	BAC	550	57140	427	133
ALO 1 2T12 BAC 7057.600-22M ES OT25	BAC	600	60710	467	130
ALO 1 2T12 BAC 7057.650-22M ES OT25	BAC	650	64010	506	126
ALO 1 2T12 BAC 7057.675-22M ES OT25	BAC	675	65570	526	124
ALO 1 2T12 BAC 7057.700-22M ES OT25	BAC	700	67050	545	123
ALO 1 2T12 BAL 7057.350-22M OT25	BAL	350	44110	268	164
ALO 1 2T12 BAL 7057.400-22M OT25	BAL	400	49230	307	160
ALO 1 2T12 BAL 7057.450-22M OT25	BAL	450	54060	347	155
ALO 1 2T12 BAL 7057.500-22M OT25	BAL	500	58590	387	151
ALO 1 2T12 BAL 7057.550-22M OT25	BAL	550	62820	427	147

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ALO 1 2T12 BAL 7057.600-22M OT25	BAL	600	66750	467	142
ALO 1 2T12 BAL 7057.650-22M OT25	BAL	650	70380	506	139
ALO 1 2T12 BAL 7057.675-22M OT25	BAL	675	72080	526	137
ALO 1 2T12 BAL 7057.700-22M OT25	BAL	700	73700	545	135
ALO 1 2T12 BAL 7057.350-22M ES OT25	BAL	350	40580	268	151
ALO 1 2T12 BAL 7057.400-22M ES OT25	BAL	400	45290	307	147
ALO 1 2T12 BAL 7057.450-22M ES OT25	BAL	450	49740	347	143
ALO 1 2T12 BAL 7057.500-22M ES OT25	BAL	500	53900	387	139
ALO 1 2T12 BAL 7057.550-22M ES OT25	BAL	550	57790	427	135
ALO 1 2T12 BAL 7057.600-22M ES OT25	BAL	600	61410	467	131
ALO 1 2T12 BAL 7057.650-22M ES OT25	BAL	650	64750	506	127
ALO 1 2T12 BAL 7057.675-22M ES OT25	BAL	675	66310	526	126
ALO 1 2T12 BAL 7057.700-22M ES OT25	BAL	700	67800	545	124
ALO 1 2T12 BAR 7057.350-22M OT25	BAR	350	44110	268	164
ALO 1 2T12 BAR 7057.400-22M OT25	BAR	400	49230	307	160
ALO 1 2T12 BAR 7057.450-22M OT25	BAR	450	54060	347	155
ALO 1 2T12 BAR 7057.500-22M OT25	BAR	500	58590	387	151
ALO 1 2T12 BAR 7057.550-22M OT25	BAR	550	62820	427	147
ALO 1 2T12 BAR 7057.600-22M OT25	BAR	600	66750	467	142
ALO 1 2T12 BAR 7057.650-22M OT25	BAR	650	70380	506	139
ALO 1 2T12 BAR 7057.675-22M OT25	BAR	675	72080	526	137
ALO 1 2T12 BAR 7057.700-22M OT25	BAR	700	73700	545	135
ALO 1 2T12 BAR 7057.350-22M ES OT25	BAR	350	40580	268	151
ALO 1 2T12 BAR 7057.400-22M ES OT25	BAR	400	45290	307	147
ALO 1 2T12 BAR 7057.450-22M ES OT25	BAR	450	49740	347	143

LUMINAIRE	OPTIC	LED CURRENT (mA)	RATED LUMINAIRE FLUX* (Tq=25°C, 5700K, lm)	RATED LUMINAIRE POWER* (Tq=25°C, Vin=230Vac, F, W)	LUMINAIRE EFFICACY (Tq=25°C, lm/W)
ALO 1 2T12 BAR 7057.500-22M ES OT25	BAR	500	53900	387	139
ALO 1 2T12 BAR 7057.550-22M ES OT25	BAR	550	57790	427	135
ALO 1 2T12 BAR 7057.600-22M ES OT25	BAR	600	61410	467	131
ALO 1 2T12 BAR 7057.650-22M ES OT25	BAR	650	64750	506	127
ALO 1 2T12 BAR 7057.675-22M ES OT25	BAR	675	66310	526	126
ALO 1 2T12 BAR 7057.700-22M ES OT25	BAR	700	67800	545	124
ALO 1 2T12 SP15 7057.350-22M OT25	SP15	350	45100	268	168
ALO 1 2T12 SP15 7057.400-22M OT25	SP15	400	50340	307	163
ALO 1 2T12 SP15 7057.450-22M OT25	SP15	450	55270	347	159
ALO 1 2T12 SP15 7057.500-22M OT25	SP15	500	59900	387	154
ALO 1 2T12 SP15 7057.550-22M OT25	SP15	550	64220	427	150
ALO 1 2T12 SP15 7057.600-22M OT25	SP15	600	68240	467	146
ALO 1 2T12 SP15 7057.650-22M OT25	SP15	650	71950	506	142
ALO 1 2T12 SP15 7057.675-22M OT25	SP15	675	73690	526	140
ALO 1 2T12 SP15 7057.700-22M OT25	SP15	700	75360	545	138
ALO 1 2T12 SP25 7057.350-22M OT25	SP25	350	45600	268	170
ALO 1 2T12 SP25 7057.400-22M OT25	SP25	400	50900	307	165
ALO 1 2T12 SP25 7057.450-22M OT25	SP25	450	55880	347	161
ALO 1 2T12 SP25 7057.500-22M OT25	SP25	500	60560	387	156
ALO 1 2T12 SP25 7057.550-22M OT25	SP25	550	64930	427	152
ALO 1 2T12 SP25 7057.600-22M OT25	SP25	600	68990	467	147
ALO 1 2T12 SP25 7057.650-22M OT25	SP25	650	72740	506	143
ALO 1 2T12 SP25 7057.675-22M OT25	SP25	675	74500	526	141
ALO 1 2T12 SP25 7057.700-22M OT25	SP25	700	76180	545	139
ALO 1 2T12 SP40 7057.350-22M OT25	SP40	350	45600	268	170

LUMINAIRE	OPTIC	LED CURRENT (mA)	RATED LUMINAIRE FLUX* (Tq=25°C, 5700K, lm)	RATED LUMINAIRE POWER* (Tq=25°C, Vin=230Vac, F, W)	LUMINAIRE EFFICACY (Tq=25°C, lm/W)
ALO 1 2T12 SP40 7057.400-22M OT25	SP40	400	50900	307	165
ALO 1 2T12 SP40 7057.450-22M OT25	SP40	450	55880	347	161
ALO 1 2T12 SP40 7057.500-22M OT25	SP40	500	60560	387	156
ALO 1 2T12 SP40 7057.550-22M OT25	SP40	550	64930	427	152
ALO 1 2T12 SP40 7057.600-22M OT25	SP40	600	68990	467	147
ALO 1 2T12 SP40 7057.650-22M OT25	SP40	650	72740	506	143
ALO 1 2T12 SP40 7057.675-22M OT25	SP40	675	74500	526	141
ALO 1 2T12 SP40 7057.700-22M OT25	SP40	700	76180	545	139

**RATED LUMINAIRE FLUX / RATED LUMINAIRE POWER: Rated data obtained in laboratory.*

Values indicated in this technical sheet are to be considered rated values. Flux tolerance: ±7%. Power tolerance: ±10%.

The characteristics of the product listed above are subjected to change without notice.

Performance data for other operating temperatures (OT) and other combinations of CRI and CCT available on request.

There may be current limitations depending on the operating temperature. See dedicated section on following pages.

Temperature by Geographic Area

Geographic Area	Country	Hottest month Average Ta (°C)	Suggested OT (°C)	Geographic Area	Country	Hottest month Average Ta (°C)	Suggested OT (°C)
America	Argentina	28	30	EU	Austria	26	25
America	Brazil	28	30	EU	Bosnia Herzegovina	34	35
America	Canada	25	25	EU	Denmark	21	20
America	Chile	30	30	EU	Estonia	21	20
	Colombia	19	20	EU	Finland	20	20
America	Mexico	27	30	EU	France (Lyon)	28	30
America	Perù	27	30	EU	France (Marseille)	30	30
America	USA (Arizona)	40	40	EU	France (Parigi)	25	25
America	USA (New York)	29	30	EU	Germany	25	25
Asia/Oceania	Australia	27	30	EU	Greece	33	35
Asia/Oceania	South Korea	30	30	EU	Ireland	19	20
Asia/Oceania	Philippines	34	35	EU	Iceland	14	15
Asia/Oceania	Hong Kong	32	35	EU	Canary Islands	28	30
Asia/Oceania	India	36	35	EU	Italy	30	30
Asia/Oceania	Malaysia	33	35	EU	Liechtenstein	24	25
Asia/Oceania	New Zealand	23	25	EU	Lithuania	23	25
Asia/Oceania	Pakistan	34	35	EU	Luxembourg	24	25
Asia/Oceania	Russia	24	25	EU	Malta	32	35
Asia/Oceania	Singapore	32	35	EU	Norway	21	20
Asia/Oceania	Taiwan	34	35	EU	Netherlands	20	20
Asia/Oceania	Vietnam	34	35	EU	Poland	24	25
EMEA	Saudi Arabia	43	45	EU	Portugal	29	30
EMEA	Bahrain	39	40	EU	Czech Republic	25	25
EMEA	Egypt	35	35	EU	Romania	30	30
EMEA	Jordan	32	35	EU	Scotland	19	20
EMEA	Israel	30	30	EU	Slovenia	27	30
EMEA	Kuwait	46	50	EU	Spain (Madrid)	33	35
EMEA	Libanon	30	30	EU	Spain (Malaga)	31	30
EMEA	Morocco	27	30	EU	Spain (Barcelona)	32	35
EMEA	Oman	38	40	EU	Sweden (Goteborg)	21	20
EMEA	Qatar	42	45	EU	Sweden (Borlänge)	23	25
EMEA	UAE (Abu Dhabi)	40	40	EU	Switzerland	25	25
				EU	Turkey (Ankara)	31	30
				EU	Ukraine (Kiev)	26	25
				EU	UK	20	20

Maximum Current for Operating Temperature

SPORT LIGHTING - OUTDOOR								
Temperature (°C)	OT15	OT20	OT25	OT30	OT35	OT40	OT45	OT50
Max. Current (mA)	700	700	700	675	650	600	550	500

SPORT LIGHTING - INDOOR						
Temperature (°C)	OT25	OT30	OT35	OT40	OT45	OT50
Max. Current (mA)	675	650	600	550	500	450