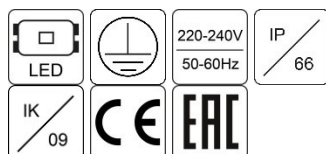


ALGOL M LED

Park and Street Luminaires



Description: Pole-mounted LED street luminaire
Light distribution type: direct
Optical system: lenses, tempered glass diffuser, impact resistant
Housing: aluminium
Colour: light grey (RAL7035)

General data: Mains voltage: 220-240V, 50/60Hz
LED lifetime, h: 100000/L90B10
SDCM: 3
Protection class IEC: I, II (optional)
Ingress protection code: IP66
Mechanical impact resistance: IK09
Operating temperature range, °C: ta -25/-30...+40

Installation: With two screws on Ø60mm horizontal or vertical pole, on the wall (mounting bracket to be ordered separately). Screw terminal, 3x1x1.5mm²

Environment: Outdoor

Application: Parking area, public space, street



Photocell PCA switches lighting fixtures ON or OFF, at the same time it can be mounted into IP protected light fitting serving as a standalone solution. The built-in photo-sensor records the brightness of the surroundings and switches the connected lighting fixtures on at dusk and of again at dawn. Technical data: IP65- dust and waterproof, 35 lux, 1:05 ratio. For more information see the option list.

Product	Length, mm	Width, mm	Height, mm	Luminaire output*, lm	System power*, W	System efficacy*, lm/W	CRI	CCT*, K	Weight, kg
Algol MS LED1x3000 D004 T730 LSM1	522	216	137	2867	26,7	107	70+	3000	3,20
Algol MS LED1x5300 D005 T730 LSM1	522	216	137	5070	43,9	115	70+	3000	3,20
Algol MM LED1x8900 D006 T730 LSM1	629	268	148	8601	77,6	111	70+	3000	4,60
Algol MM LED1x11800 D007 T730 LSM1	629	268	148	11469	102,8	112	70+	3000	4,60
Algol MB LED1x14800 D008 T730 LSM1	752	310	178	14336	128,0	112	70+	3000	7,20
Algol MB LED1x17700 D009 T730 LSM1	752	310	178	17203	153,5	112	70+	3000	7,20
Algol MX LED1x19900 D010 T730 LSM1	863	359	199	19312	170,1	114	70+	3000	12,00
Algol MX LED1x23600 D111 T730 LSM1	863	359	199	22937	204,7	112	70+	3000	12,00
Algol MS LED1x3000 D004 T740 LSM1	522	216	137	3018	26,7	113	70+	4000	3,20
Algol MS LED1x5300 D005 T740 LSM1	522	216	137	5337	43,9	122	70+	4000	3,20
Algol MM LED1x8900 D006 T740 LSM1	629	268	148	9054	77,6	117	70+	4000	4,60
Algol MM LED1x11800 D007 T740 LSM1	629	268	148	12072	102,8	117	70+	4000	4,60
Algol MB LED1x14800 D008 T740 LSM1	752	310	178	15090	128,0	118	70+	4000	7,20
Algol MB LED1x17700 D009 T740 LSM1	752	310	178	18108	153,5	118	70+	4000	7,20
Algol MX LED1x19900 D010 T740 LSM1	863	359	199	20328	170,1	120	70+	4000	12,00
Algol MX LED1x23600 D111 T740 LSM1	863	359	199	24144	204,7	118	70+	4000	12,00
Algol MS LED1x3000 D004 T730 LSM2	522	216	137	2966	26,7	111	70+	3000	3,20
Algol MS LED1x5300 D005 T730 LSM2	522	216	137	5245	43,9	119	70+	3000	3,20
Algol MM LED1x8900 D006 T730 LSM2	629	268	148	8898	77,6	115	70+	3000	4,60
Algol MM LED1x11800 D007 T730 LSM2	629	268	148	11864	102,8	115	70+	3000	4,60
Algol MB LED1x14800 D008 T730 LSM2	752	310	178	14830	128,0	116	70+	3000	7,20
Algol MB LED1x17700 D009 T730 LSM2	752	310	178	17796	153,5	116	70+	3000	7,20
Algol MX LED1x19900 D010 T730 LSM2	863	359	199	19978	170,1	117	70+	3000	12,00
Algol MX LED1x23600 D111 T730 LSM2	863	359	199	23728	204,7	116	70+	3000	12,00

TECHNICAL DATA SHEET

Product	Length, mm	Width, mm	Height, mm	Luminaire output*, lm	System power*, W	System efficacy*, lm/W	CRI	CCT*, K	Weight, kg
Algol MS LED1x3000 D004 T740 LSM2	522	216	137	3122	26,7	117	70+	4000	3,20
Algol MS LED1x5300 D005 T740 LSM2	522	216	137	5521	43,9	126	70+	4000	3,20
Algol MM LED1x8900 D006 T740 LSM2	629	268	148	9366	77,6	121	70+	4000	4,60
Algol MM LED1x11800 D007 T740 LSM2	629	268	148	12488	102,8	121	70+	4000	4,60
Algol MB LED1x14800 D008 T740 LSM2	752	310	178	15611	128,0	122	70+	4000	7,20
Algol MB LED1x17700 D009 T740 LSM2	752	310	178	18733	153,5	122	70+	4000	7,20
Algol MX LED1x19900 D010 T740 LSM2	863	359	199	21029	170,1	124	70+	4000	12,00
Algol MX LED1x23600 D111 T740 LSM2	863	359	199	24977	204,7	122	70+	4000	12,00
Algol MS LED1x3000 D004 T730 LSS1	522	216	137	2999	26,7	112	70+	3000	3,20
Algol MS LED1x5300 D005 T730 LSS1	522	216	137	5303	43,9	121	70+	3000	3,20
Algol MM LED1x8900 D006 T730 LSS1	629	268	148	8997	77,6	116	70+	3000	4,60
Algol MM LED1x11800 D007 T730 LSS1	629	268	148	11996	102,8	117	70+	3000	4,60
Algol MB LED1x14800 D008 T730 LSS1	752	310	178	14995	128,0	117	70+	3000	7,20
Algol MB LED1x17700 D009 T730 LSS1	752	310	178	17994	153,5	117	70+	3000	7,20
Algol MX LED1x19900 D010 T730 LSS1	863	359	199	20200	170,1	119	70+	3000	12,00
Algol MX LED1x23600 D111 T730 LSS1	863	359	199	23992	204,7	117	70+	3000	12,00
Algol MS LED1x3000 D004 T740 LSS1	522	216	137	3157	26,7	118	70+	4000	3,20
Algol MS LED1x5300 D005 T740 LSS1	522	216	137	5582	43,9	127	70+	4000	3,20
Algol MM LED1x8900 D006 T740 LSS1	629	268	148	9470	77,6	122	70+	4000	4,60
Algol MM LED1x11800 D007 T740 LSS1	629	268	148	12627	102,8	123	70+	4000	4,60
Algol MB LED1x14800 D008 T740 LSS1	752	310	178	15784	128,0	123	70+	4000	7,20
Algol MB LED1x17700 D009 T740 LSS1	752	310	178	18941	153,5	123	70+	4000	7,20
Algol MX LED1x19900 D010 T740 LSS1	863	359	199	21263	170,1	125	70+	4000	12,00
Algol MX LED1x23600 D111 T740 LSS1	863	359	199	25254	204,7	123	70+	4000	12,00
Algol MS LED1x3000 D004 T730 LSS2	522	216	137	2900	26,7	108	70+	3000	3,20
Algol MS LED1x5300 D005 T730 LSS2	522	216	137	5128	43,9	117	70+	3000	3,20
Algol MM LED1x8900 D006 T730 LSS2	629	268	148	8700	77,6	112	70+	3000	4,60
Algol MM LED1x11800 D007 T730 LSS2	629	268	148	11600	102,8	113	70+	3000	4,60
Algol MB LED1x14800 D008 T730 LSS2	752	310	178	14500	128,0	113	70+	3000	7,20
Algol MB LED1x17700 D009 T730 LSS2	752	310	178	17401	153,5	113	70+	3000	7,20
Algol MX LED1x19900 D010 T730 LSS2	863	359	199	19534	170,1	115	70+	3000	12,00
Algol MX LED1x23600 D111 T730 LSS2	863	359	199	23201	204,7	113	70+	3000	12,00
Algol MS LED1x3000 D004 T740 LSS2	522	216	137	3053	26,7	114	70+	4000	3,20
Algol MS LED1x5300 D005 T740 LSS2	522	216	137	5398	43,9	123	70+	4000	3,20
Algol MM LED1x8900 D006 T740 LSS2	629	268	148	9158	77,6	118	70+	4000	4,60
Algol MM LED1x11800 D007 T740 LSS2	629	268	148	12211	102,8	119	70+	4000	4,60
Algol MB LED1x14800 D008 T740 LSS2	752	310	178	15264	128,0	119	70+	4000	7,20
Algol MB LED1x17700 D009 T740 LSS2	752	310	178	18316	153,5	119	70+	4000	7,20
Algol MX LED1x19900 D010 T740 LSS2	863	359	199	20562	170,1	121	70+	4000	12,00
Algol MX LED1x23600 D111 T740 LSS2	863	359	199	24422	204,7	119	70+	4000	12,00
Algol MS LED1x3000 D004 T740 LSPR	522	216	137	3087	26,7	115	70+	4000	3,20
Algol MS LED1x5300 D005 T740 LSPR	522	216	137	5459	43,9	124	70+	4000	3,20
Algol MM LED1x8900 D006 T740 LSPR	629	268	148	9262	77,6	119	70+	4000	4,60
Algol MM LED1x11800 D007 T740 LSPR	629	268	148	12350	102,8	120	70+	4000	4,60
Algol MB LED1x14800 D008 T740 LSPR	752	310	178	15437	128,0	121	70+	4000	7,20
Algol MB LED1x17700 D009 T740 LSPR	752	310	178	18524	153,5	121	70+	4000	7,20
Algol MX LED1x19900 D010 T740 LSPR	863	359	199	20796	170,1	122	70+	4000	12,00
Algol MX LED1x23600 D111 T740 LSPR	863	359	199	24699	204,7	121	70+	4000	12,00
Algol MS LED1x3000 D004 T740 LSPL	522	216	137	3087	26,7	115	70+	4000	3,20
Algol MS LED1x5300 D005 T740 LSPL	522	216	137	5459	43,9	124	70+	4000	3,20
Algol MM LED1x8900 D006 T740 LSPL	629	268	148	9262	77,6	119	70+	4000	4,60
Algol MM LED1x11800 D007 T740 LSPL	629	268	148	12350	102,8	120	70+	4000	4,60
Algol MB LED1x14800 D008 T740 LSPL	752	310	178	15437	128,0	121	70+	4000	7,20
Algol MB LED1x17700 D009 T740 LSPL	752	310	178	18524	153,5	121	70+	4000	7,20
Algol MX LED1x19900 D010 T740 LSPL	863	359	199	20796	170,1	122	70+	4000	12,00
Algol MX LED1x23600 D111 T740 LSPL	863	359	199	24699	204,7	121	70+	4000	12,00

* Tolerance range for optical and electrical data: ±10%. Values apply to an ambient temperature of 25°C. NORTHCLIFFE LIGHTING is constantly developing and improving its products. The right is reserved to change any product specifications without prior notification

Available options:

DALI	Driver with DALI interface	LSPR	Optics with asymmetric beam LSPR for pedestrian-crossing "right"
ADIM	Driver with autonomous two-level dimming		
PCA	Photocell 20mm miniature type, IP65, 35 lux; 1:05 ratio	LSPL	Optics with asymmetric beam LSPL for pedestrian-crossing "left"
II	Electric Shock protection class II		
LSM1	Optics with asymmetric beam LSM1	RAL	RAL colour
LSM2	Optics with asymmetric beam LSM2	T730	Colour temperature 3000K, CRI 70+
LSS1	Optics with asymmetric beam LSS1	T740	Colour temperature 4000K, CRI 70+
LSS2	Optics with asymmetric beam LSS2	T750	Colour temperature 5000K, CRI 70+

TECHNICAL DATA SHEET

