

product_datasheet_title

FL MAX LUM P 600W 757 SYM 60 WAL

FLOODLIGHT MAX 600W LUMINAIRE HEAD | High-power floodlight for large area and sports lighting, up to 82 klm



PERFOR-
MANCE
CLASS



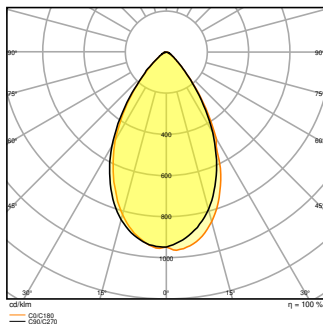
technical_data

ELECTRICAL DATA

Nominal wattage	600.00 W
Nominal voltage	180 V
Mains frequency	50...60 Hz
Nominal current	3160 mA
Operating mode	External LED driver

PHOTOMETRICAL DATA

Luminous flux	80500 lm
Luminous efficacy	134 lm/W
Color temperature	5700 K
Light color (designation)	Cool Daylight
Color rendering index Ra	≥70
Standard deviation of color matching	< 5 sdcms
Luminous intensity	-
Low flicker	Yes
Flickering metric (Pst LM)	-
Stroboscope effect metric (SVM)	-
Photobiological safety group acc. to EN62778	RG2
Beam angle	60 °



FL MAX 600W 757 SYM 60 WAL

DIMENSIONS & WEIGHT

Length	472.00 mm
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Width	591.00 mm
Height	279.00 mm
Product weight	15800.00 g
Cable length	1300 mm

FL MAX LUM P 600W

MATERIALS & COLORS

Product color	Gray
Housing color	Gray
Body material	Aluminum
Cover material	Glass
Light emitting surface material	Glass
Glow Wire Test according to IEC 60695-2-12	650 °C
Mercury content	0.0 mg

APPLICATION & MOUNTING

Ambient temperature range	-30...+50 °C
Temperature range at storage	-40...+70 °C
Type of connection	Terminal, 3-Pole (L, N, PE)
Type of protection	IP66
Protection class IK (shock resistance)	IK08
Dimmable	yes
Mounting type	Surface
Mounting location	Wall / Pole / Floor
Application environment	Outdoor
Adjustable	Yes
LED module replaceable	Not replaceable
With light source	Yes

LIFESPAN

Lifespan L70/B50 at 25 °C	100000 h ¹⁾
Lifespan L80/B10 at 25 °C	75000 h ¹⁾
Lifespan L90/B10 at 25 °C	50000 h













Number of switching cycles	100000
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1) t[h]: L70 / B50 @ 25 °C (Ta), t[h]: L80 / B10 @ 25 °C (Ta), t[h]: L90 / B10 @ 25 °C (Ta)

CERTIFICATES & STANDARDS

Standards	CE / CB / ENEC / EAC / EPD
Luminaire with limited surface temperature, "D sign"	No
Ball shot safe	Yes
EPD	LEDV-00007-V01.01-EN

download_data

Documents and certificates		document_name
	User instruction	FLOODLIGHT MAX
	User instruction	FLOODLIGHT MAX
	Addon Technical Information	LSI FL MAX LUM P
	Packaging insert	Legal Insert FL MAX LUM/POWER SUPPLY
	Declarations Of Conformity CE	FL MAX P LUM
	Declarations Of Conformity UKCA	FL MAX LUM
	Declarations Of Conformity UKCA	FL MAX LUM P
Photometric and lighting design files		document_name
	IES file (IES)	FL MAX 600W 757 SYM 60 WAL
	LDT file (Eulumdat)	FL MAX 600W 757 SYM 60 WAL
	ULD file (DIALux)	FL MAX LUM P 600W 757 SYM 60
	ROLF file (RELUX)	FL MAX 600W HEAD 757 SYM 60 WAL
	LDC typ polar	FL MAX 600W 757 SYM 60 WAL

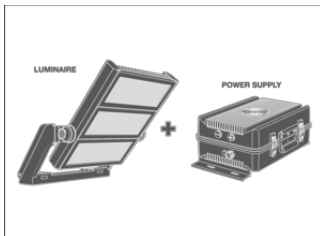
CAD/BIM files	document_name
 BIM_Revit_3D	Floodlight Max
 CAD_STEP_3D	FL MAX 600W

logistical_data

product_code	packaging_unit	dimensions	weight	volume
4058075580602	Shipping box 1	619 mm x 619 mm x 238 mm	15800.00 g	91.19 dm ³

logistical_data_text

additional_catalog_information



LDV FL MAX	α				S (m²)	E (lm)	C (lx)	D (m)	D ₅₀ (m)	D ₁₀₀ (m)	D ₁₅₀ (m)	D ₂₀₀ (m)	D ₂₅₀ (m)	D ₃₀₀ (m)	D ₃₅₀ (m)	D ₄₀₀ (m)	D ₄₅₀ (m)	D ₅₀₀ (m)	D ₅₅₀ (m)	D ₆₀₀ (m)	D ₆₅₀ (m)	D ₇₀₀ (m)	D ₇₅₀ (m)	D ₈₀₀ (m)	D ₈₅₀ (m)	D ₉₀₀ (m)	D ₉₅₀ (m)	D ₁₀₀₀ (m)	D ₁₀₅₀ (m)	D ₁₁₀₀ (m)	D ₁₁₅₀ (m)	D ₁₂₀₀ (m)	D ₁₂₅₀ (m)	D ₁₃₀₀ (m)	D ₁₃₅₀ (m)	D ₁₄₀₀ (m)	D ₁₄₅₀ (m)	D ₁₅₀₀ (m)	D ₁₅₅₀ (m)	D ₁₆₀₀ (m)	D ₁₆₅₀ (m)	D ₁₇₀₀ (m)	D ₁₇₅₀ (m)	D ₁₈₀₀ (m)	D ₁₈₅₀ (m)	D ₁₉₀₀ (m)	D ₁₉₅₀ (m)	D ₂₀₀₀ (m)	D ₂₀₅₀ (m)	D ₂₁₀₀ (m)	D ₂₁₅₀ (m)	D ₂₂₀₀ (m)	D ₂₂₅₀ (m)	D ₂₃₀₀ (m)	D ₂₃₅₀ (m)	D ₂₄₀₀ (m)	D ₂₄₅₀ (m)	D ₂₅₀₀ (m)	D ₂₅₅₀ (m)	D ₂₆₀₀ (m)	D ₂₆₅₀ (m)	D ₂₇₀₀ (m)	D ₂₇₅₀ (m)	D ₂₈₀₀ (m)	D ₂₈₅₀ (m)	D ₂₉₀₀ (m)	D ₂₉₅₀ (m)	D ₃₀₀₀ (m)	D ₃₀₅₀ (m)	D ₃₁₀₀ (m)	D ₃₁₅₀ (m)	D ₃₂₀₀ (m)	D ₃₂₅₀ (m)	D ₃₃₀₀ (m)	D ₃₃₅₀ (m)	D ₃₄₀₀ (m)	D ₃₄₅₀ (m)	D ₃₅₀₀ (m)	D ₃₅₅₀ (m)	D ₃₆₀₀ (m)	D ₃₆₅₀ (m)	D ₃₇₀₀ (m)	D ₃₇₅₀ (m)	D ₃₈₀₀ (m)	D ₃₈₅₀ (m)	D ₃₉₀₀ (m)	D ₃₉₅₀ (m)	D ₄₀₀₀ (m)	D ₄₀₅₀ (m)	D ₄₁₀₀ (m)	D ₄₁₅₀ (m)	D ₄₂₀₀ (m)	D ₄₂₅₀ (m)	D ₄₃₀₀ (m)	D ₄₃₅₀ (m)	D ₄₄₀₀ (m)	D ₄₄₅₀ (m)	D ₄₅₀₀ (m)	D ₄₅₅₀ (m)	D ₄₆₀₀ (m)	D ₄₆₅₀ (m)	D ₄₇₀₀ (m)	D ₄₇₅₀ (m)	D ₄₈₀₀ (m)	D ₄₈₅₀ (m)	D ₄₉₀₀ (m)	D ₄₉₅₀ (m)	D ₅₀₀₀ (m)	D ₅₀₅₀ (m)	D ₅₁₀₀ (m)	D ₅₁₅₀ (m)	D ₅₂₀₀ (m)	D ₅₂₅₀ (m)	D ₅₃₀₀ (m)	D ₅₃₅₀ (m)	D ₅₄₀₀ (m)	D ₅₄₅₀ (m)	D ₅₅₀₀ (m)	D ₅₅₅₀ (m)	D ₅₆₀₀ (m)	D ₅₆₅₀ (m)	D ₅₇₀₀ (m)	D ₅₇₅₀ (m)	D ₅₈₀₀ (m)	D ₅₈₅₀ (m)	D ₅₉₀₀ (m)	D ₅₉₅₀ (m)	D ₆₀₀₀ (m)	D ₆₀₅₀ (m)	D ₆₁₀₀ (m)	D ₆₁₅₀ (m)	D ₆₂₀₀ (m)	D ₆₂₅₀ (m)	D ₆₃₀₀ (m)	D ₆₃₅₀ (m)	D ₆₄₀₀ (m)	D ₆₄₅₀ (m)	D ₆₅₀₀ (m)	D ₆₅₅₀ (m)	D ₆₆₀₀ (m)	D ₆₆₅₀ (m)	D ₆₇₀₀ (m)	D ₆₇₅₀ (m)	D ₆₈₀₀ (m)	D ₆₈₅₀ (m)	D ₆₉₀₀ (m)	D ₆₉₅₀ (m)	D ₇₀₀₀ (m)	D ₇₀₅₀ (m)	D ₇₁₀₀ (m)	D ₇₁₅₀ (m)	D ₇₂₀₀ (m)	D ₇₂₅₀ (m)	D ₇₃₀₀ (m)	D ₇₃₅₀ (m)	D ₇₄₀₀ (m)	D ₇₄₅₀ (m)	D ₇₅₀₀ (m)	D ₇₅₅₀ (m)	D ₇₆₀₀ (m)	D ₇₆₅₀ (m)	D ₇₇₀₀ (m)	D ₇₇₅₀ (m)	D ₇₈₀₀ (m)	D ₇₈₅₀ (m)	D ₇₉₀₀ (m)	D ₇₉₅₀ (m)	D ₈₀₀₀ (m)	D ₈₀₅₀ (m)	D ₈₁₀₀ (m)	D ₈₁₅₀ (m)	D ₈₂₀₀ (m)	D ₈₂₅₀ (m)	D ₈₃₀₀ (m)	D ₈₃₅₀ (m)	D ₈₄₀₀ (m)	D ₈₄₅₀ (m)	D ₈₅₀₀ (m)	D ₈₅₅₀ (m)	D ₈₆₀₀ (m)	D ₈₆₅₀ (m)	D ₈₇₀₀ (m)	D ₈₇₅₀ (m)	D ₈₈₀₀ (m)	D ₈₈₅₀ (m)	D ₈₉₀₀ (m)	D ₈₉₅₀ (m)	D ₉₀₀₀ (m)	D ₉₀₅₀ (m)	D ₉₁₀₀ (m)	D ₉₁₅₀ (m)	D ₉₂₀₀ (m)	D ₉₂₅₀ (m)	D ₉₃₀₀ (m)	D ₉₃₅₀ (m)	D ₉₄₀₀ (m)	D ₉₄₅₀ (m)	D ₉₅₀₀ (m)	D ₉₅₅₀ (m)	D ₉₆₀₀ (m)	D ₉₆₅₀ (m)	D ₉₇₀₀ (m)	D ₉₇₅₀ (m)	D ₉₈₀₀ (m)	D ₉₈₅₀ (m)	D ₉₉₀₀ (m)	D ₉₉₅₀ (m)	D ₁₀₀₀₀ (m)																																																																																																																																																																																																																																																																																																																																																																						
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600 W	0.120m	0.170m	0.220m	0.270m	0.320m	0.370m	0.420m	0.470m	0.520m	0.570m	0.620m	0.670m	0.720m	0.770m	0.820m	0.870m	0.920m	0.970m	1.020m	1.070m	1.120m	1.170m	1.220m	1.270m	1.320m	1.370m	1.420m	1.470m	1.520m	1.570m	1.620m	1.670m	1.720m	1.770m	1.820m	1.870m	1.920m	1.970m	2.020m	2.070m	2.120m	2.170m	2.220m	2.270m	2.320m	2.370m	2.420m	2.470m	2.520m	2.570m	2.620m	2.670m	2.720m	2.770m	2.820m	2.870m	2.920m	2.970m	3.020m	3.070m	3.120m	3.170m	3.220m	3.270m	3.320m	3.370m	3.420m	3.470m	3.520m	3.570m	3.620m	3.670m	3.720m	3.770m	3.820m	3.870m	3.920m	3.970m	4.020m	4.070m	4.120m	4.170m	4.220m	4.270m	4.320m	4.370m	4.420m	4.470m	4.520m	4.570m	4.620m	4.670m	4.720m	4.770m	4.820m	4.870m	4.920m	4.970m	5.020m	5.070m	5.120m	5.170m	5.220m	5.270m	5.320m	5.370m	5.420m	5.470m	5.520m	5.570m	5.620m	5.670m	5.720m	5.770m	5.820m	5.870m	5.920m	5.970m	6.020m	6.070m	6.120m	6.170m	6.220m	6.270m	6.320m	6.370m	6.420m	6.470m	6.520m	6.570m	6.620m	6.670m	6.720m	6.770m	6.820m	6.870m	6.920m	6.970m	7.020m	7.070m	7.120m	7.170m	7.220m	7.270m	7.320m	7.370m	7.420m	7.470m	7.520m	7.570m	7.620m	7.670m	7.720m	7.770m	7.820m	7.870m	7.920m	7.970m	8.020m	8.070m	8.120m	8.170m	8.220m	8.270m	8.320m	8.370m	8.420m	8.470m	8.520m	8.570m	8.620m	8.670m	8.720m	8.770m	8.820m	8.870m	8.920m	8.970m	9.020m	9.070m	9.120m	9.170m	9.220m	9.270m	9.320m	9.370m	9.420m	9.470m	9.520m	9.570m	9.620m	9.670m	9.720m	9.770m	9.820m	9.870m	9.920m	9.970m	10.020m	10.070m	10.120m	10.170m	10.220m	10.270m	10.320m	10.370m	10.420m	10.470m	10.520m	10.570m	10.620m	10.670m	10.720m	10.770m	10.820m	10.870m	10.920m	10.970m	11.020m	11.070m	11.120m	11.170m	11.220m	11.270m	11.320m	11.370m	11.420m	11.470m	11.520m	11.570m	11.620m	11.670m	11.720m	11.770m	11.820m	11.870m	11.920m	11.970m	12.020m	12.070m	12.120m	12.170m	12.220m	12.270m	12.320m	12.370m	12.420m	12.470m	12.520m	12.570m	12.620m	12.670m	12.720m	12.770m	12.820m	12.870m	12.920m	12.970m	13.020m	13.070m	13.120m	13.170m	13.220m	13.270m	13.320m	13.370m	13.420m	13.470m	13.520m	13.570m	13.620m	13.670m	13.720m	13.770m	13.820m	13.870m	13.920m	13.970m	14.020m	14.070m	14.120m	14.170m	14.220m	14.270m	14.320m	14.370m	14.420m	14.470m	14.520m	14.570m	14.620m	14.670m	14.720m	14.770m	14.820m	14.870m	14.920m	14.970m	15.020m	15.070m	15.120m	15.170m	15.220m	15.270m	15.320m	15.370m	15.420m	15.470m	15.520m	15.570m	15.620m	15.670m	15.720m	15.770m	15.820m	15.870m	15.920m	15.970m	16.020m	16.070m	16.120m	16.170m	16.220m	16.270m	16.320m	16.370m	16.420m	16.470m	16.520m	16.570m	16.620m	16.670m	16.720m	16.770m	16.820m	16.870m	16.920m	16.970m	17.020m	17.070m	17.120m	17.170m	17.220m	17.270m	17.320m	17.370m	17.420m	17.470m	17.520m	17.570m	17.620m	17.670m	17.720m	17.770m	17.820m	17.870m	17.920m	17.970m	18.020m	18.070m	18.120m	18.170m	18.220m	18.270m	18.320m	18.370m	18.420m	18.470m	18.520m	18.570m	18.620m	18.670m	18.720m	18.770m	18.820m	18.870m	18.920m	18.970m	19.020m	19.070m	19.120m	19.170m	19.220m	19.270m	19.320m	19.370m	19.420m	19.470m	19.520m	19.570m	19.620m	19.670m	19.720m	19.770m	19.820m	19.870m	19.920m	19.970m	20.020m	20.070m	20.120m	20.170m	20.220m	20.270m	20.320m	20.370m	20.420m	20.470m	20.520m	20.570m	20.620m	20.670m	20.720m	20.770m	20.820m	20.870m	20.920m	20.970m	21.020m	21.070m	21.120m	21.170m	21.220m	21.270m	21.320m	21.370m	21.420m	21.470m	21.520m	21.570m	21.620m	21.670m	21.720m	21.770m	21.820m	21.870m	21.920m	21.970m	22.020m	22.070m	22.120m	22.170m	22.220m	22.270m	22.320m	22.370m	22.420m	22.470m	22.520m	22.570m	22.620m	22.670m	22.720m	22.770m	22.820m	22.870m	22.920m	22.970m	23.020m	23.070m	23.120m	23.170m	23.220m	23.270m	23.320m	23.370m	23.420m	23.470m	23.520m	23.570m	23.620m	23.670m	23.720m	23.770m	23.820m	23.870m	23.920m	23.970m	24.020m	24.070m	24.120m	24.170m	24.220m	24.270m	24.320m	24.370m	24.420m	24.470m	24.520m	24.570m	24.620m	24.670m	24.720m	24.770m	24.820m	24.870m	24.920m	24.970m	25.020m	25.070m	25.120m	25.170m	25.220m	25.270m	25.320m	25.370m	25.420m	25.470m	25.520m	25.570m	25.620m	25.670m	25.720m	25.770m	25.820m	25.870m	25.920m	25.970m	26.020m	26.070m	26.120m	26.170m	26.220m	26.270m	26.320m	26.370m	26.420m	26.470m	26.520m	26.570m	26.620m	26.670m	26.720m	26.770m	26.820m	26.870m	26.920m	26.970m	27.020m	27.070m	27.120m	27.170m	27.220m	27.270m	27.320m	27.370m	27.420m	27.470m	27.520m	27.570m	27.620m	27.670m	27.720m	27.770m	27.820m	27.870m	27.920m	27.970m	28.020m	28.070m	28.120m	28.170m	28.220m	28.270m	28.320m	28.370m