

# EVELUX



... dustproof and waterproof floodlight.

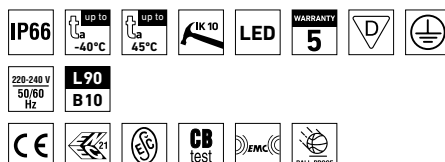
## USE

The luminaire is perfect for roads, residential areas, parking lots, and outdoor spaces.

The luminaire feature protection against dust, moisture, and splashing water.

## ADVANTAGES

- Light fitting protection **IP66**
- Ambient temperature from **t<sub>a</sub> = -40°C** up to **t<sub>a</sub> = 45°C**
- Lifetime: 100,000 hours / L80B20
- Body: aluminium alloy, grey colour (RAL 7021)
- Reflector cover made of thermo-hardened safety glass
- Standard model - CRI > 70: 2700 K, 3000 K
- At request CRI > 70: 4000 K, 5000 K
- Optional optical luminaire system
- Surge protector 10 kV
- Certification: ENEC, CB, ENEC, BALL-PROOF

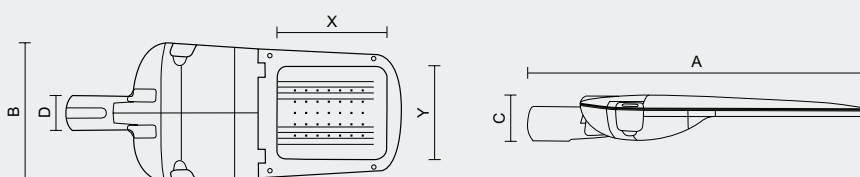


## EVELUX

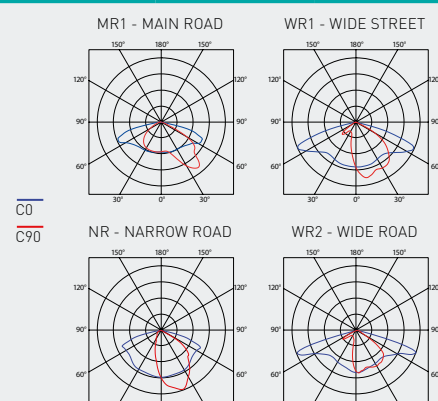


## TECHNICAL DESCRIPTION

- Light fitting protection: IP66
- Maximum ambient temperature:  $t_a = 45^\circ\text{C}$ ,
- Maximum system efficacy: 153 lm/W
- The watt and lumen values can vary by  $\pm 7,5\%$
- CRI > 70, CCT = 2700 K, 3000 K
- MacAdam = 3 SDCM
- Lifetime: 100,000 hours / L80B20
- 50.000 hours / L90B10
- Body: aluminium alloy, grey colour (RAL 7021)
- Cover: heat-hardened safety glass
- Terminal block: screwed, three-poles terminal with disconnecter for conductor cross-section max. 4 mm<sup>2</sup>
- Cable glands: PG 9
- Installation: tilt bracket included
- Electric equipment:
  - LED modules, surge protection 10 kV
  - On/Off driver with CLO and midnight function
  - DALI Zhaga socket driver
- Optics with a glare shield on request



	A	B	C	D	X	Y
<b>XS</b>	568	227	100	60	137	156
<b>S</b>	630	265	95	60	185	150
<b>M</b>	720	310	100	60	235	200
<b>L</b>	870	345	127	76	345	250



Type	Ambient temperature [°C]	Luminous flux of LED modules [lm]	Luminous flux of light fitting [lm]	Power consumption [W]	System efficacy [lm/W]	Net weight [kg]
For ambient temperature max. $t_a = 45^\circ\text{C}$ - Body: aluminium alloy, grey colour						
EVELUX XS 16/310/727	-40° 45°	2680	2300	16,3	141	3,5
EVELUX XS 16/450/727	-40° 45°	3810	3280	23,1	142	3,5
EVELUX XS 16/600/727	-40° 45°	4990	4290	30,7	140	3,5
EVELUX S 16/310/727	-40° 45°	2700	2320	16,3	142	5
EVELUX S 24/310/727	-40° 45°	3950	3400	23,9	142	5
EVELUX S 24/450/727	-40° 45°	5690	4890	33,9	144	5
EVELUX S 24/600/727	-40° 45°	7500	6450	45,3	142	5
EVELUX M 32/310/727	-40° 45°	5340	4590	31,4	146	7,2
EVELUX M 48/310/727	-40° 45°	7950	6840	45,3	151	7,2
EVELUX M 48/450/727	-40° 45°	11410	9810	65,3	150	7,2
EVELUX M 48/600/727	-40° 45°	14980	12880	88,1	146	7,2
EVELUX L 96/310/727	-40° 45°	15900	13670	90,6	151	10
EVELUX L 96/450/727	-40° 40°	22810	19620	130,6	150	10
EVELUX L 96/550/727	-40° 35°	27460	23620	161,5	146	10
EVELUX XS 16/310/730	-40° 45°	2720	2340	16,3	144	3,5
EVELUX XS 16/450/730	-40° 45°	3870	3330	23,1	144	3,5
EVELUX XS 16/600/730	-40° 45°	5070	4360	30,7	142	3,5
EVELUX S 16/310/730	-40° 45°	2740	2360	16,3	145	5
EVELUX S 24/310/730	-40° 45°	4010	3450	23,9	144	5
EVELUX S 24/450/730	-40° 45°	5780	4970	33,9	147	5
EVELUX S 24/600/730	-40° 45°	7610	6540	45,3	144	5
EVELUX M 32/310/730	-40° 45°	5420	4660	31,4	148	7,2
EVELUX M 48/310/730	-40° 45°	8070	6940	45,3	153	7,2
EVELUX M 48/450/730	-40° 45°	11580	9960	65,3	153	7,2
EVELUX M 48/600/730	-40° 45°	15210	13080	88,1	148	7,2
EVELUX L 96/310/730	-40° 45°	16140	13880	90,6	153	10
EVELUX L 96/450/730	-40° 40°	23160	19920	130,6	153	10
EVELUX L 96/550/730	-40° 35°	27880	23980	161,5	148	10

EVELUX

Driver 1 PN

Type	AS	CP	MR1	EWS1	EP	WR1	WR2	CW1	WR3	TE	CW2	NR	CW1-90
EVELUX XS 16/310/727	104529	104530	104537	104535	104534	104541	104542	104531	104543	104540	104533	104539	104532
EVELUX XS 16/450/727	104545	104546	104553	104551	104550	104557	104558	104547	104559	104556	104549	104555	104548
EVELUX XS 16/600/727	104561	104562	104569	104567	104566	104573	104574	104563	104575	104572	104565	104571	104564
EVELUX S 16/310/727	104401	104402	104425	104423	104422	104429	104430	104403	104431	104428	104405	104427	104404
EVELUX S 24/310/727	104433	104434	104457	104455	104454	104461	104462	104435	104463	104460	104437	104459	104436
EVELUX S 24/450/727	104465	104466	104489	104487	104486	104493	104494	104467	104495	104492	104469	104491	104468
EVELUX S 24/600/727	104497	104498	104521	104519	104518	104525	104526	104499	104527	104524	104501	104523	104500
EVELUX M 32/310/727	104273	104274	104297	104295	104294	104301	104302	104275	104303	104300	104277	104299	104276
EVELUX M 48/310/727	104305	104306	104329	104327	104326	104333	104334	104307	104335	104332	104309	104331	104308
EVELUX M 48/450/727	104337	104338	104361	104359	104358	104365	104366	104339	104367	104364	104341	104363	104340
EVELUX M 48/600/727	104369	104370	104393	104391	104390	104397	104398	104371	104399	104396	104373	104395	104372
EVELUX L 96/310/727	104177	104178	104201	104199	104198	104205	104206	104179	104207	104204	104181	104203	104180
EVELUX L 96/450/727	104209	104210	104233	104231	104230	104237	104238	104211	104239	104236	104213	104235	104212
EVELUX L 96/550/727	104241	104242	104265	104263	104262	104269	104270	104243	104271	104268	104245	104267	104244
EVELUX XS 16/310/730	104929	104930	104937	104935	104934	104941	104942	104931	104943	104940	104933	104939	104932
EVELUX XS 16/450/730	104945	104946	104953	104951	104950	104957	104958	104947	104959	104956	104949	104955	104948
EVELUX XS 16/600/730	104961	104962	104969	104967	104966	104973	104974	104963	104975	104972	104965	104971	104964
EVELUX S 16/310/730	104801	104802	104825	104823	104822	104829	104830	104803	104831	104828	104805	104827	104804
EVELUX S 24/310/730	104833	104834	104857	104855	104854	104861	104862	104835	104863	104860	104837	104859	104836
EVELUX S 24/450/730	104865	104866	104889	104887	104886	104893	104894	104867	104895	104892	104869	104891	104868
EVELUX S 24/600/730	104897	104898	104921	104919	104918	104925	104926	104899	104927	104924	104901	104923	104900
EVELUX M 32/310/730	104673	104674	104697	104695	104694	104701	104702	104675	104703	104700	104677	104699	104676
EVELUX M 48/310/730	104705	104706	104729	104727	104726	104733	104734	104707	104735	104732	104709	104731	104708
EVELUX M 48/450/730	104737	104738	104761	104759	104758	104765	104766	104739	104767	104764	104741	104763	104740
EVELUX M 48/600/730	104769	104770	104793	104791	104790	104797	104798	104771	104799	104796	104773	104795	104772
EVELUX L 96/310/730	104577	104578	104601	104599	104598	104605	104606	104579	104607	104604	104581	104603	104580
EVELUX L 96/450/730	104609	104610	104633	104631	104630	104637	104638	104611	104639	104636	104613	104635	104612
EVELUX L 96/550/730	104641	104642	104665	104663	104662	104669	104670	104643	104671	104668	104645	104667	104644

102276 Setting: Midnight function.

EVELUX DALI

Digitally dimmable driver DALI 4 PN

Type	AS	CP	MR1	EWS1	EP	WR1	WR2	CW1	WR3	TE	CW2	NR	CW1-90
EVELUX XS 16/310/727 DALI	x	x	x	x	x	x	x	x	x	x	x	x	x
EVELUX XS 16/450/727 DALI	x	x	x	x	x	x	x	x	x	x	x	x	x
EVELUX XS 16/600/727 DALI	x	x	x	x	x	x	x	x	x	x	x	x	x
EVELUX S 16/310/727 DALI	104406	104407	104414	104412	104411	104418	104419	104408	104420	104417	104410	104416	104409
EVELUX S 24/310/727 DALI	104438	104439	104446	104444	104443	104450	104451	104440	104452	104449	104442	104448	104441
EVELUX S 24/450/727 DALI	104470	104471	104478	104476	104475	104482	104483	104472	104484	104481	104474	104480	104473
EVELUX S 24/600/727 DALI	104502	104503	104510	104508	104507	104514	104515	104504	104516	104513	104506	104512	104505
EVELUX M 32/310/727 DALI	104278	104279	104286	104284	104283	104290	104291	104280	104292	104289	104282	104288	104281
EVELUX M 48/310/727 DALI	104310	104311	104318	104316	104315	104322	104323	104312	104324	104321	104314	104320	104313
EVELUX M 48/450/727 DALI	104342	104343	104350	104348	104347	104354	104355	104344	104356	104353	104346	104352	104345
EVELUX M 48/600/727 DALI	104374	104375	104382	104380	104379	104386	104387	104376	104388	104385	104378	104384	104377
EVELUX L 96/310/727 DALI	104182	104183	104190	104188	104187	104194	104195	104184	104196	104193	104186	104192	104185
EVELUX L 96/450/727 DALI	104214	104215	104222	104220	104219	104226	104227	104216	104228	104225	104218	104224	104217
EVELUX L 96/550/727 DALI	104246	104247	104254	104252	104251	104258	104259	104248	104260	104257	104250	104256	104249
EVELUX XS 16/310/730 DALI	x	x	x	x	x	x	x	x	x	x	x	x	x
EVELUX XS 16/450/730 DALI	x	x	x	x	x	x	x	x	x	x	x	x	x
EVELUX XS 16/600/730 DALI	x	x	x	x	x	x	x	x	x	x	x	x	x
EVELUX S 16/310/730 DALI	104806	104807	104814	104812	104811	104818	104819	104808	104820	104817	104810	104816	104809
EVELUX S 24/310/730 DALI	104838	104839	104846	104844	104843	104850	104851	104840	104852	104849	104842	104848	104841
EVELUX S 24/450/730 DALI	104870	104871	104878	104876	104875	104882	104883	104872	104884	104881	104874	104880	104873
EVELUX S 24/600/730 DALI	104902	104903	104910	104908	104907	104914	104915	104904	104916	104913	104906	104912	104905
EVELUX M 32/310/730 DALI	104678	104679	104686	104684	104683	104690	104691	104680	104692	104689	104682	104688	104681
EVELUX M 48/310/730 DALI	104710	104711	104718	104716	104715	104722	104723	104712	104724	104721	104714	104720	104713
EVELUX M 48/450/730 DALI	104742	104743	104750	104748	104747	104754	104755	104744	104756	104753	104746	104752	104745
EVELUX M 48/600/730 DALI	104774	104775	104782	104780	104779	104786	104787	104776	104788	104785	104778	104784	104777
EVELUX L 96/310/730 DALI	104582	104583	104590	104588	104587	104594	104595	104584	104596	104593	104586	104592	104585
EVELUX L 96/450/730 DALI	104614	104615	104622	104620	104619	104626	104627	104616	104628	104625	104618	104624	104617
EVELUX L 96/550/730 DALI	104646	104647	104654	104652	104651	104658	104659	104648	104660	104657	104650	104656	104649

102276 Setting: Midnight function.

Example of type marking: 104782 = EVELUX M 48/600/730 DALI MR1

LEGEND

<b>DALI</b>	– version with digital dimmable driver DALI Zhaga socket	<b>WR1</b>	– <b>Wide road</b>	– for sidewalks and residential areas
<b>AS</b>	– <b>Asymmetric</b>	<b>WR2</b>	– <b>Wide road</b>	– for sidewalks and driveways
<b>CP</b>	– <b>Central parking</b>	<b>CW1</b>	– <b>Crosswalk</b>	– pedestrian crossings or cycle paths
<b>MR1</b>	– <b>Main road</b>	<b>WR3</b>	– <b>Wide road</b>	– for sidewalks and driveways
<b>EWS1</b>	– <b>Extra wide street</b>	<b>TE</b>	– <b>Tunnel entrance</b>	– for tunnel, underpasses and buildings entrances
<b>EP</b>	– <b>Edge parking</b>	<b>CW2</b>	– <b>Crosswalk</b>	– pedestrian crossings or cycle paths
		<b>NR</b>	– <b>Narrow road</b>	– local roads

Optics with a glare shield on request

## LIGHT FITTING ATTACHMENT

- a) Wall-mounted installation using the wall jib
- b) Mast-mounted installation using the pointed jib
- c) Mast-mounted installation using the arched jib
- d) Mast-mounted installation

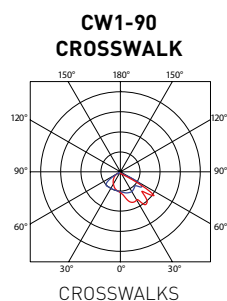
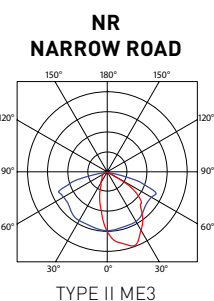
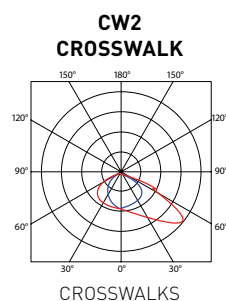
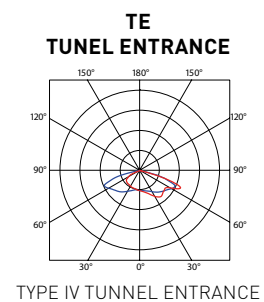
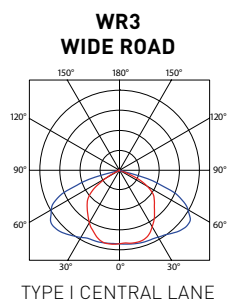
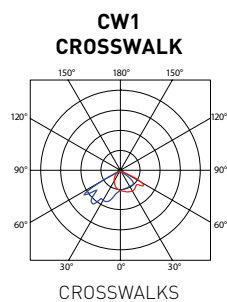
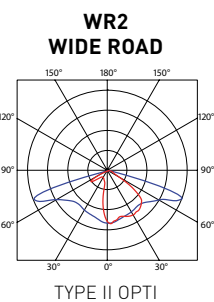
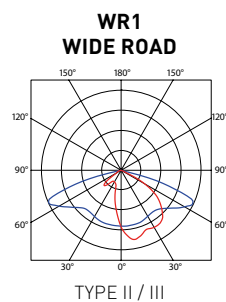
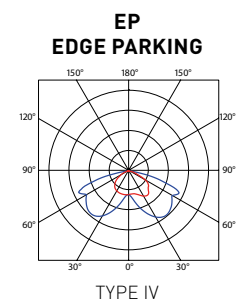
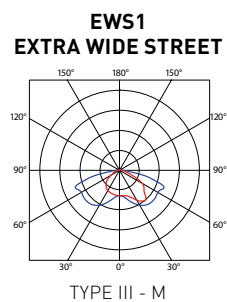
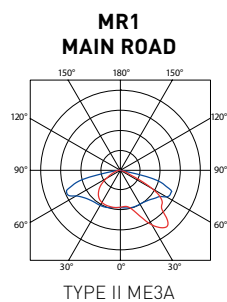
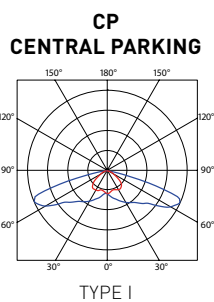
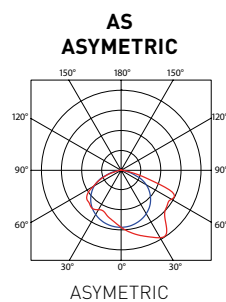


## LIGHT FITTING DETAILED VIEW

EVELUX



## EVELUX - OPTICS



C0  
C90