

EVELUX



... dustproof and waterproof floodlight.

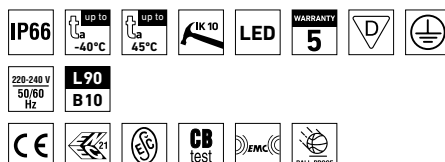
USE

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_a = -40 °C** up to **t_a = 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

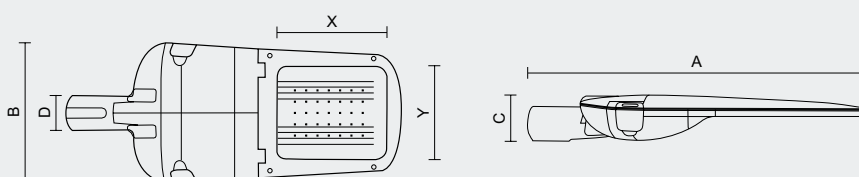


EVELUX

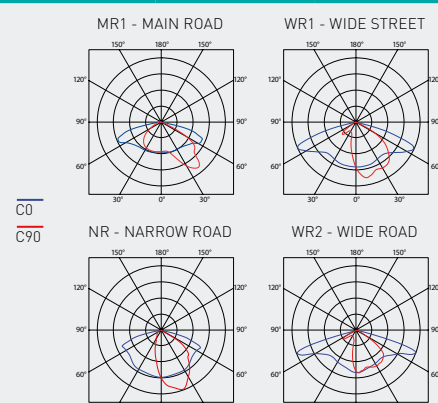


TECHNICAL DESCRIPTION

- 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 mm²
- 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



	A	B	C	D	X	Y
XS	568	227	100	60	137	156
S	630	265	95	60	185	150
M	720	310	100	60	235	200
L	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

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

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

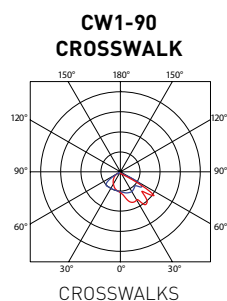
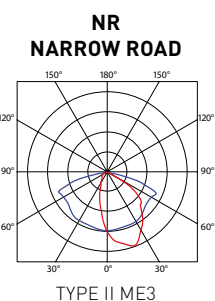
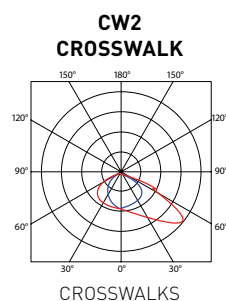
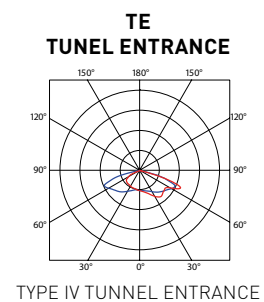
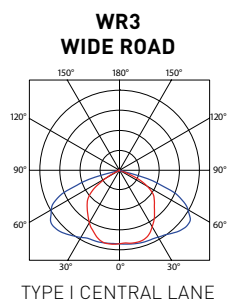
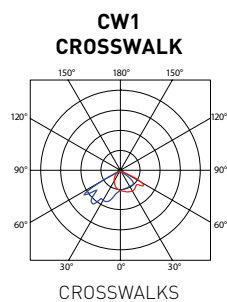
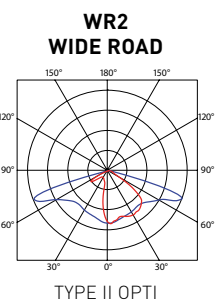
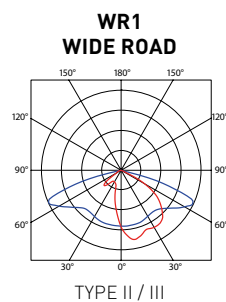
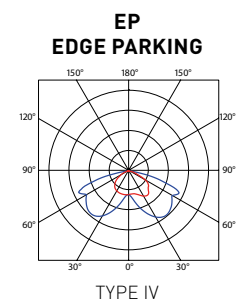
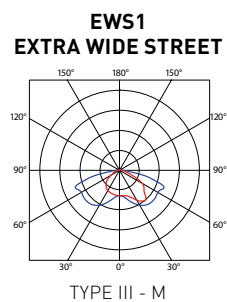
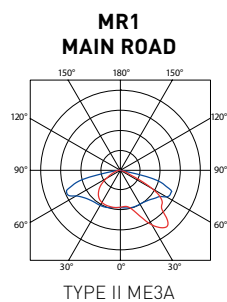
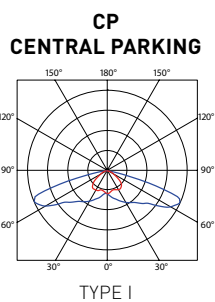
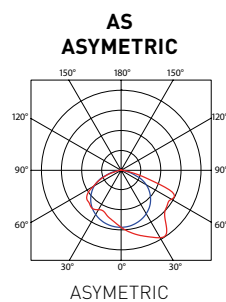


LIGHT FITTING DETAILED VIEW

EVELUX



EVELUX - OPTICS



C0
C90