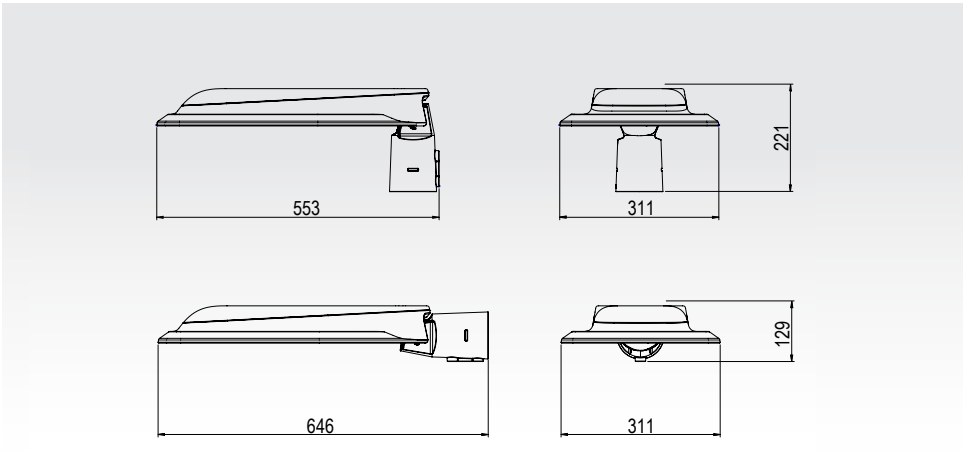
Product Data Sheet

Street



MAXIMO L MAIN SPECIFICATIONS	
Applications	Street lighting
Optics	PMMA multi-layer lens
Colour temperature	**2**: Warm White 3,000K; **8**: Neutral White 4,000K; Upon request: **5**: Warm White 2,700K, **9**: Extra Warm White 2,200K, **1**: Cold White 5,000K
CRI and colour difference (SDCM)	Min. 70, 80 upon request Color difference among several devices: 4 steps MacAdam
Photobiological compliance	Exempt Group
Insulation class	Class II, class I upon request
Protection rating	IK09
IP rating	IP66
Cable harness	Internal connections - opening without tools
Dimensions	553x311x201 mm
Weight	7 Kg
ELECTRICAL SPECIFICATIONS	
Rated voltage	220-240 V 50/60 Hz
Power factor	> 0.98 (full load)
Control technology	DALI-2 / 1-10V upon request; Automatic dimmering system with 5 step “virtual midnight” and CLO function; Zhaga 18 upon request
Overvoltage Protection	12kV differential mode, 12kV common mode, SPD 5kA upon request
Operating temperature	-10°C +40°C
Life expectancy (T_a -10°C to 40°C)	L90 B10 > 100,000 hr
MATERIALS	
Mounting	Suitable for 40 to 76 mm diameter poles Pole-top mounting for vertical and horizontal poles, adjustable from -15° to +20°
Frame and heatsink	Die-cast aluminum
Optics	PMMA multi-layer lens
Screen	Flat tempered glass thickness 5 mm, thermal and impact shock resistant

INPUT POWER AND FLUX OPTIC N I V14 ** (T_{amb}=25°C)						
	4000K			3000K		
XX	Power (W)	Flux (lm)	Efficiency	Power (W)	Flux (lm)	Efficiency
MXL 02	92.8	14228	153	93.4	13371	143
MXL 04	102.5	15639	153	102.2	14728	144
MXL 06	111.3	16745	150	110.9	15780	142
MXL 08	124.3	18753	151	124.1	17594	142
MXL 10	132.5	20031	151	132.1	18878	143
MXL 12	144.7	21515	149	144.4	20294	141
MXL 14	157.2	23208	148	157.3	21700	138

INPUT POWER AND FLUX OPTIC N I V25 ** (T_{amb}=25°C)						
	4000K			3000K		
XX	Power (W)	Flux (lm)	Efficiency	Power (W)	Flux (lm)	Efficiency
MXL 02	91.9	14382	156	91.4	13252	145
MXL 04	102.5	15808	154	102.2	14597	143
MXL 06	111.3	16926	152	110.9	15639	141
MXL 08	124.3	18698	150	124.1	17661	142
MXL 10	132.5	19971	151	132.1	18950	143
MXL 12	144.7	21451	148	144.4	20373	141
MXL 14	157.3	23139	147	157.3	21639	138

INPUT POWER AND FLUX OPTIC N I V07 ** (T_{amb}=25°C)						
	4000K			3000K		
XX	Power (W)	Flux (lm)	Efficiency	Power (W)	Flux (lm)	Efficiency
MXL 02	92.9	14517	156	92.9	13463	145
MXL 04	102.5	15956	156	102.2	14829	145
MXL 06	111.3	17085	154	110.9	15889	143
MXL 08	124.3	19032	153	124.1	17817	144
MXL 10	132.5	20328	153	132.1	19118	145
MXL 12	144.7	21835	151	144.4	20553	142
MXL 14	157.2	23553	150	157.3	21976	140

** Other Power and Flux on request.
External connectors on top or bottom on request.

INPUT POWER AND FLUX OPTIC N I V20 ** (T_{amb}=25°C)						
	4000K			3000K		
XX	Power (W)	Flux (lm)	Efficiency	Power (W)	Flux (lm)	Efficiency
MXL 02	92.9	14336	154	92.7	13389	144
MXL 04	102.5	15758	154	102.2	14747	144
MXL 06	111.3	16872	152	110.9	15801	142
MXL 08	124.3	18924	152	124.1	17788	143
MXL 10	132.5	20213	153	132.1	19086	144
MXL 12	144.7	21711	150	144.4	20519	142
MXL 14	157.2	23419	149	157.3	21940	139

INPUT POWER AND FLUX OPTIC N I V05 ** (T_{amb}=25°C)						
	4000K			3000K		
XX	Power (W)	Flux (lm)	Efficiency	Power (W)	Flux (lm)	Efficiency
MXL 02	93.0	14610	159	91.4	13594	149
MXL 04	102.5	16033	156	102.2	14973	147
MXL 06	111.3	17167	154	110.9	16043	145
MXL 08	124.3	19090	154	124.1	17912	144
MXL 10	132.0	20390	154	132.1	19219	145
MXL 12	144.1	21901	152	144.4	20661	143
MXL 14	157.4	23624	150	157.3	22092	140

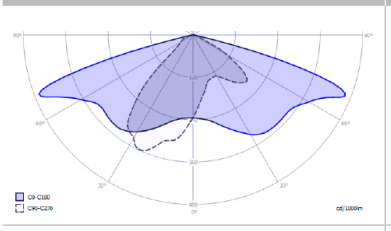
INPUT POWER AND FLUX OPTIC N I V10 ** (T_{amb}=25°C)						
	4000K			3000K		
XX	Power (W)	Flux (lm)	Efficiency	Power (W)	Flux (lm)	Efficiency
MXL 02	91.9	14027	153	91.4	13066	143
MXL 04	102.5	15418	150	102.2	14392	141
MXL 06	111.3	16509	148	110.9	15420	139
MXL 08	124.3	18852	152	124.1	17753	143
MXL 10	132.5	20135	152	132.1	19049	144
MXL 12	144.7	21628	149	144.4	20478	142
MXL 14	157.1	23330	149	157.3	21897	139

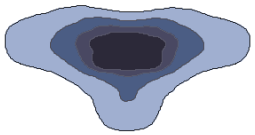
INPUT POWER AND FLUX OPTIC 1 I PDX ** (T_{amb}=25°C)						
	4000K			3000K		
XX	Power (W)	Flux (lm)	Efficiency	Power (W)	Flux (lm)	Efficiency
MXL 04	104.2	15407	148	103.7	14672	141
MXL 08	124.5	18075	145	124.0	17209	139

** Other Power and Flux on request.
External connectors on top or bottom on request.

OPTICS

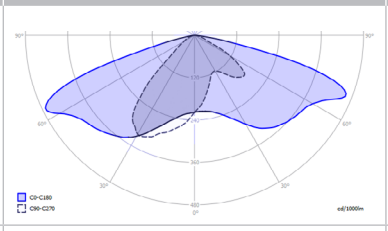
Narrow V14 I N

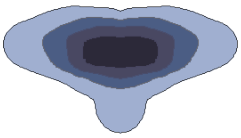




Street asymmetrical optics - Narrow beam
L / H = 0.5 ÷ 0.9

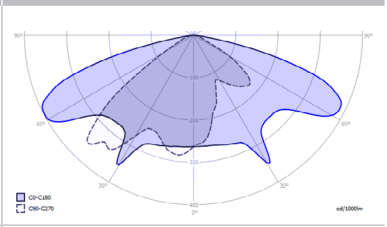
Regular V25 I R

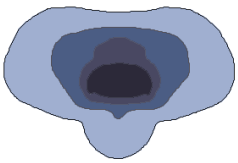




Street asymmetrical optics - Medium beam
L / H = 0.9 ÷ 1.1

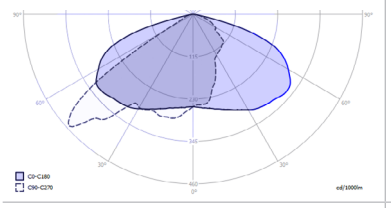
Wide V07 I W

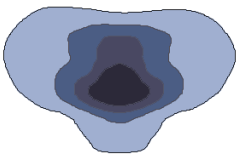




Street asymmetrical optics - Wide beam
L / H = 1.1 ÷ 1.3

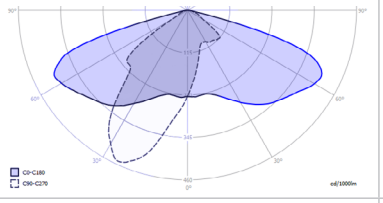
Extrawide V20 I D

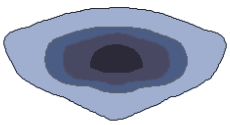




Asymmetrical optics - Wide beam
L / H = 1.3 ÷ 1.6

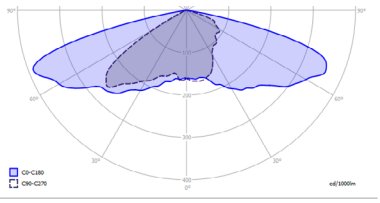
Regular Comfort V05 I A

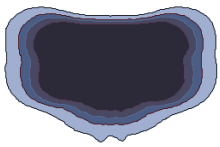




Asymmetrical optics - Comfort
L / H = 1.0

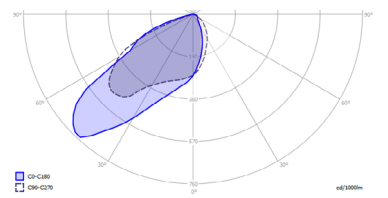
Front Back V10 I F





Asymmetrical optics - Wide beam
L / H = 1.3 ÷ 1.6

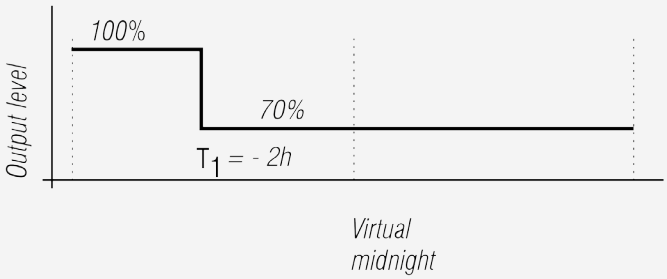
Pedestrian Right PDX I 1



Asymmetrical optics - Wide beam
L / H = ND

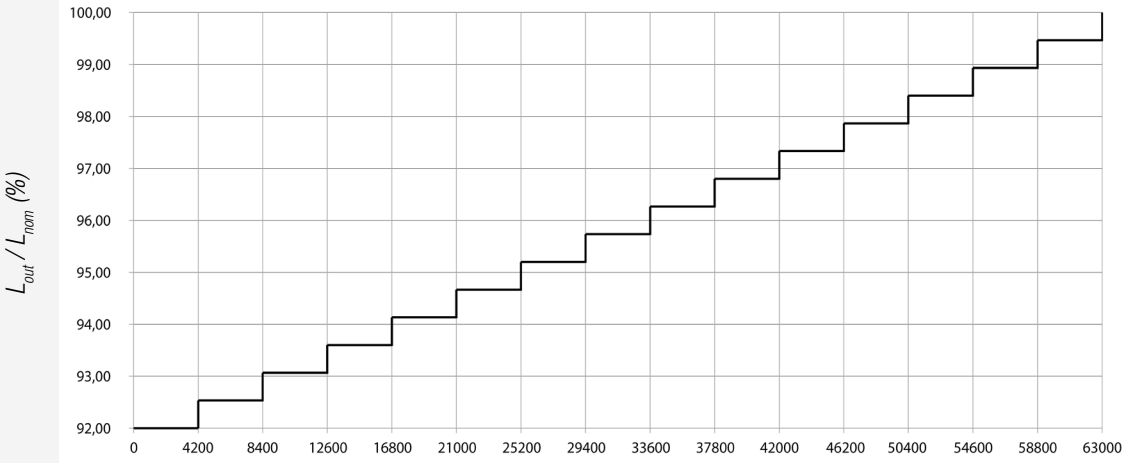
DIMMING

STANDARD VIRTUAL MIDNIGHT



To request a different profile contact our sales department.

STANDARD CLO FUNCTION



Product Data Sheet

Street

CODING

	Optic type	LED colour	Model type *	Class (Input Range)	Dimming	Surge suppressor
MXLG	R	8	XX	2	N	A
	N | V14 *Narrow 1* **R** | V25 *Regular* **W** | V07 *Wide 1* **D** | V20 *Extra Wide* **A** | V05 *Regular Comfort* **F** | V10 *Front Back* **1** | PDX *Pedestrain Right*	**8** *Neutral White 4,000 K* **2** *Warm White 3,000 K* *Versions available upon request* **5** *Warm White 2,700 K* **9** *Extra Warm White 2,200 K* **1** *Cold White 5,000 K*	**02** *91.9 W* **04** *102.5 W* **06** *111.3 W* **08** *124.3 W* **10** *132.5 W* **12** *144.7 W* **14** *157.3 W*	**2** *Class II (220-240V)* **1** *Class I (120-270V)*	**N** *No Dimming* **M** *Virtual Midnight*** **Z** *Virtual Midnight** + CLO* **L** *Zhaga 18 + Virtual Midnight*** **Y** *Zhaga 18 + Virtual Midnight** + CLO*	**A** *Standard Surge Protection* **B** *Extra Suppressor* **L** *Standard Surge Protection*

** Standard: -2h 70% - Customized upon request.

* Refer to "Input Power and Flux" table to choose the model code.