

**STREETLED S1MB  
MAIN SPECIFICATIONS**

<b>Applications</b>	Street lighting
<b>Optics</b>	Custom high-efficiency reflectors / Secondary optics on individual LEDs
<b>Colour temperature</b>	<b>1:</b> Cold White 5,500K; <b>2:</b> Warm White 3,000K; <b>8:</b> Neutral White 4,000K, CRI ≥ 70
<b>CRI and colour difference (SDCM)</b>	Min. 70, 80 upon request Color difference among several devices: Max. 5 step MacAdam
<b>Photobiological compliance</b>	Exempt Group
<b>Insulation class</b>	Class I <b>(1)</b> / Class II <b>(2)</b> upon request
<b>Protection rating</b>	IK08, Optical compartment IP66
<b>Cable harness</b>	Internal connections
<b>Dimensions</b>	576x312x296 mm
<b>Weight</b>	8.5 Kg

**ELECTRICAL SPECIFICATIONS**

<b>Rated voltage</b>	220-240 V 50/60 Hz, 120-277 V upon request
<b>LED current</b>	350 - 525 - 700 mA
<b>Power factor</b>	> 0.9 (full load)
<b>Control technology</b>	Up to 3 time intervals programmable dimming upon request
<b>Overvoltage protection</b>	8kV differential mode, 10kV common mode
<b>Life expectancy</b> ( $T_{amb} -10^{\circ}C$ to $40^{\circ}C$ )	<b>350 (F) - 525 (E) mA</b>
	L90 B10 > 100,000 hr
	<b>700 (D) mA</b>
	L80 B10 > 100,000 hr

**MATERIALS**

<b>Mounting</b>	Suitable for 60/76 mm diameter poles
<b>Frame and heatsink</b>	System equipped with anti-condensation valve for air reflow
<b>Optics</b>	Custom high-efficiency reflectors / Secondary optics on individual LEDs (Parking)
<b>Screen</b>	Flat tempered glass thickness 4 mm, thermal and impact shock resistant

**CODING**

product code	optic type	LED colour	power	clusters	class	dimming	surge suppression
<b>S1MBG</b>	<b>1</b> (Parking 1)	<b>1</b>	<b>D</b>	<b>1</b>	<b>1</b>	<b>N</b> (No dimm.)	<b>S</b> (Standard 6Kv)
	<b>2</b> (Street)	<b>2</b>	<b>E</b>	<b>2</b>	<b>2</b>	<b>2</b> (4hr 50%)	<b>A</b> (Augm. 10Kv)
	<b>5</b> (Narrow)	<b>8</b>	<b>F</b>	<b>3</b>		<b>5</b> (8hr 50%)	
	<b>6</b> (Regular)						
	<b>8</b> (Wide)						

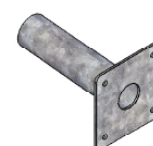
Product specifications may vary at any time and will be confirmed at time of order.  
Values shown are calculated with +/- 5% tolerance.

**INPUT POWER AND FLUX REFLECTORS**  
( $T_{amb}=25^{\circ}C$ ,  $T_l=85^{\circ}C$ ,  $T_c=4000K$ )

<b>StreetLED F2</b>	52 W	5,314 lm
<b>StreetLED E2</b>	79 W	7,611 lm
<b>StreetLED D2</b>	107 W	9,721 lm
<b>StreetLED D3</b>	160 W	14,582 lm

**INPUT POWER AND FLUX OPTICS**  
( $T_{amb}=25^{\circ}C$ ,  $T_l=85^{\circ}C$ ,  $T_c=4000K$ )

<b>StreetLED F1</b>	26 W	3,172 lm
<b>StreetLED E1</b>	39 W	4,524 lm
<b>StreetLED D1</b>	53 W	5,830 lm
<b>StreetLED F2</b>	52 W	6,344 lm
<b>StreetLED E2</b>	79 W	9,085 lm
<b>StreetLED D2</b>	107 W	11,770 lm
<b>StreetLED E3</b>	117 W	13,472 lm
<b>StreetLED D3</b>	154 W	16,914 lm



In combination with code MTW05629 for wall/side mounting