

# Technical Data Sheet

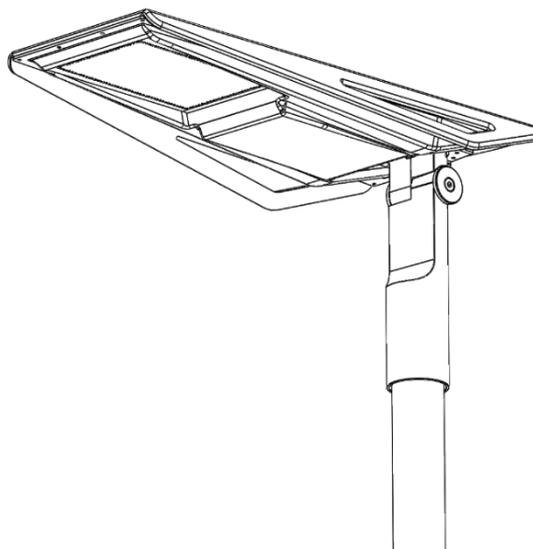
## e-SMS



### Product description

Integrated sensors allow for data collection of Ambient light levels, radar movement detection, temperature, humidity, CO<sub>2</sub>, and particulate matter concentrations (2,5 PPM and 10 PPM). Data transmission via GPRS (Master units), Inter-luminaire communication via SubGHz RF.

Housing made from aluminum to maximize heat dissipation and service life. Durable powder coating (default color DB 703). Adjustable mounting bracket in its standard version fits 60 or 76 mm diameter poles. Angle adjustments also possible after installation. Fasteners made from stainless steel. Replaceable LED module and advanced optics allow for flexible lighting configurations. Integrated power supply unit with long service life.



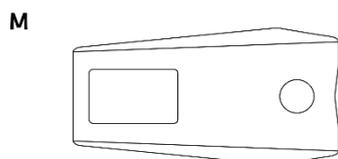
### Technical description

<b>Mains voltage</b>	230 V AC, 50 Hz
<b>Connection</b>	5-pole connector
<b>Electrical efficiency</b>	Over 80 %
<b>Protection class</b>	SK II, SK I
<b>Surge protection</b>	10 kV
<b>Protection rating</b>	IP 67
<b>Impact protection</b>	IK 09
<b>LED module cover</b>	PMMA
<b>Color rendering index</b>	Over 70
<b>Color temperature</b>	3000 / 4000 / 5000 K
<b>Lifetime (L80, B10)</b>	Up to 100.000 h

Size	LEDs	mA	lm	W	kg
M	32	700	2.281	16	7,1
M	32	1.050	3.142	25	7,1
M	64	700	4.562	32	7,3
M	64	1.050	6.284	50	7,3
M	128	1.050	9.425	80	7,5

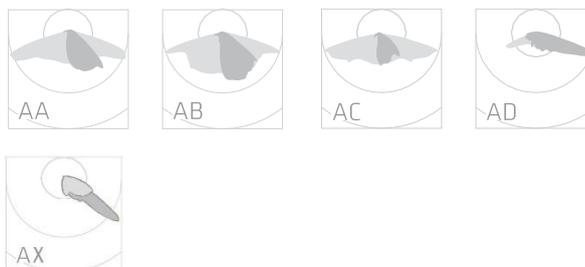
\* Please note, that a dot (.) is used as the thousands separator and a comma (,) as the decimal separator throughout.

### Dimensions



L 625  
w 325  
h 310 (67)\*

### Optics



## Product code

The technical specifications of the luminaire are determined through the combination of 10 categories which result in a unique 16-digit product code.

Category	Value	Code	
<b>Model</b>	BRM	LC1	
<b>Size</b>	M	1	
<b>Power and lumens (size dependent)</b>	M	16 W (2.281 lm)	016
		25 W (3.142 lm)	025
		32 W (4.562 lm)	032
		50 W (6.284 lm)	050
		80 W (9.425 lm)	080
<b>Dimming</b>	PWM	7	
<b>Optics</b>	AA	AA	
	AB	AB	
	AC	AC	
	AD	AD	
	AX	AX	
<b>Color temperature</b>	3000 K	30	
	4000 K	40	
	5000 K	50	
<b>Installation</b>	Top	T	
<b>Fi</b>	60 mm	1	
	76 mm	2	
<b>Housing color</b>	DB 703	1	
	DB 701	9	
	RAL 7016	4	
	RAL 9005	7	
	RAL 9006	3	
<b>Options</b>	Primary	1	
	Secondary	2	

## Recommended configurations

### e-SMS M Primary

e-SMS luminaire with the integrated sensor package (Primary option) with a power consumption of 25 W that produces a luminous flux of 3.142 lm. PWM dimming, AA optics, color temperature of 4000 K and DB 703 housing color, to be mounted on a 60 mm diameter pole.

Code: SMS30257AA40T111

### e-SMS M Secondary

e-SMS luminaire without sensor package (Secondary option) with a power consumption of 25 W that produces a luminous flux of 3.142 lm. PWM dimming, AA optics, color temperature of 4000 K and DB 703 housing color, to be mounted on a 60 mm diameter pole.

Code: SMS30257AA40T112

### e-SMS M Primary

e-SMS luminaire with the integrated sensor package (Primary option) with a power consumption of 80 W that produces a luminous flux of 9.425 lm. PWM dimming, AA optics, color temperature of 4000 K and DB 703 housing color, to be mounted on a 60 mm diameter pole.

Code: SMS30807AA40T111

### e-SMS M Secondary

e-SMS luminaire without sensor package (Secondary option) with a power consumption of 80 W that produces a luminous flux of 9.425 lm. PWM dimming, AA optics, color temperature of 4000 K and DB 703 housing color, to be mounted on a 60 mm diameter pole.

Code: SMS30807AA40T112