

# PRODUCT DATASHEET

## ECO AREA L SPD 60W 840 7200LM GR

ECO AREA | Straightforward road and path lighting luminaires



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### AREAS OF APPLICATION

- Road lighting
- Streets
- Car parks
- Area lighting

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### PRODUCT BENEFITS

- Functional and minimalistic design
- Low maintenance and operation costs due to long lifetime of LED
- 5 years guarantee

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### PRODUCT FEATURES

- Asymmetric light distribution for various application areas
- Robust die-cast aluminum housing
- Side-entry mounting for 48...60 mm poles
- Surge protection: up to 10 kV (L/N-PE)
- Integrated wide voltage driver, suitable for 100 - 240 V<sub>AC</sub>
- Pre-installed, flexible 0.5 m cable (H05RN-F), wrapped 3 x 1.0 mm<sup>2</sup> single wires



## TECHNICAL DATA

### Electrical data

Nominal wattage	60.00 W
Operating mode	Mains voltage
Nominal voltage	100...240 V
Power factor $\lambda$	> 0.90
Mains frequency	50/60 Hz
Max. no. of lum. on circuit break. B16 A	16
Max. no. of lum. on circuit break. C10 A	15
Max. no. of lum. on circuit break. C16 A	24
Inrush current	16 A
Total harmonic distortion	< 20 %
Inrush current time $T_{h50}$	120 $\mu$ s

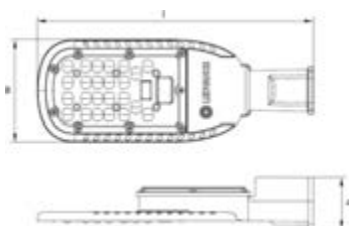
### Photometrical data

Color temperature	4000 K
Luminous flux	7200 lm
Luminous efficacy	120 lm/W
Standard deviation of color matching	$\leq 5$ sdcn
Light color (designation)	Cool White
Color rendering index Ra	>80

### Light technical data

Beam angle	135 ° x 75 °
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### Dimensions & weight



Length	409.0 mm
Width	151.0 mm
Height	83.0 mm

<b>Product weight</b>	1554.00 g
<b>Cable length</b>	300 mm

### Colors & materials

<b>Body material</b>	Aluminum
<b>Product color</b>	Gray
<b>Housing color</b>	Gray
<b>Cover material</b>	Polycarbonate (PC)

### Temperatures & operating conditions

<b>Ambient temperature range</b>	-30...+50 °C
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### Lifespan

<b>Number of switching cycles</b>	100000
<b>Lifespan L70/B50 at 25 °C</b>	50000 h

### Additional product data

<b>Mounting type</b>	SIDE ENTRY
<b>Mounting location</b>	Pole

### Capabilities

<b>Dimmable</b>	No
<b>Type of connection</b>	Cable, 3-pole
<b>LED module replaceable</b>	Not replaceable

### Certificates & standards

<b>Protection class IK (shock resistance)</b>	IK08
<b>Photobio. safety group acc. to EN62471</b>	RG 1
<b>Protection class</b>	I
<b>Type of protection</b>	IP66
<b>Standards</b>	CE/ROHS/REACH

### Logistical data

<b>Temperature range at storage</b>	-35...+70 °C
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## LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075425255	Folding carton box 1	448 mm x 121 mm x 200 mm	1754.00 g	10.84 dm <sup>3</sup>

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4058075425262	Shipping carton box 8	507 mm x 467 mm x 422 mm	14840.00 g	99.92 dm <sup>3</sup>
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The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

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#### REFERENCES / LINKS

For Guarantee see

▶ [www.ledvance.com/guarantee](http://www.ledvance.com/guarantee)

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