

## CI Sheet LEDAS101-BK EU

RL 2020-08-27

9C1 4242104-EN-01

Template: ZOT 10000028

OSRAM GmbH: Chairman of the Supervisory Board: Peter Bauer; Managing Directors: Dr. Olaf Berlien (Chairman), Ingo Bank, Dr. Stefan Lampmann;  
Registered office: Munich; Commercial registry: Munich, HRB 201526; WEEE-Reg.-No. DE 71568000

Released

SP SSL&EL Kunshan 884

ECM

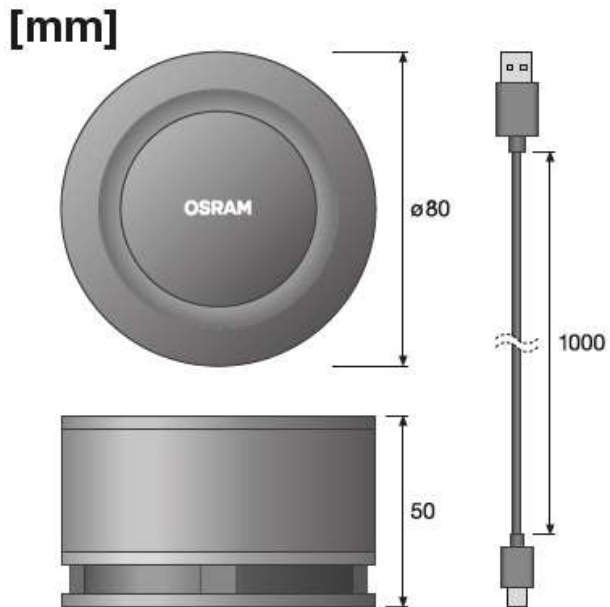
Tommy Chen AMW

External no.:

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## Drawing and dimensions / Zeichnung und Abmaße

not in scale / nicht maßstäblich



Product Dimension (LxWxH):	φ80 x 50 mm
Cable length	1000 mm
Product Weight:	110 g
Used Material:	Housing: Aluminum Frame: ABS PCBA: FR4 Photocatalyst: TiO <sub>2</sub>

## System Schematic / schematische Darstellung

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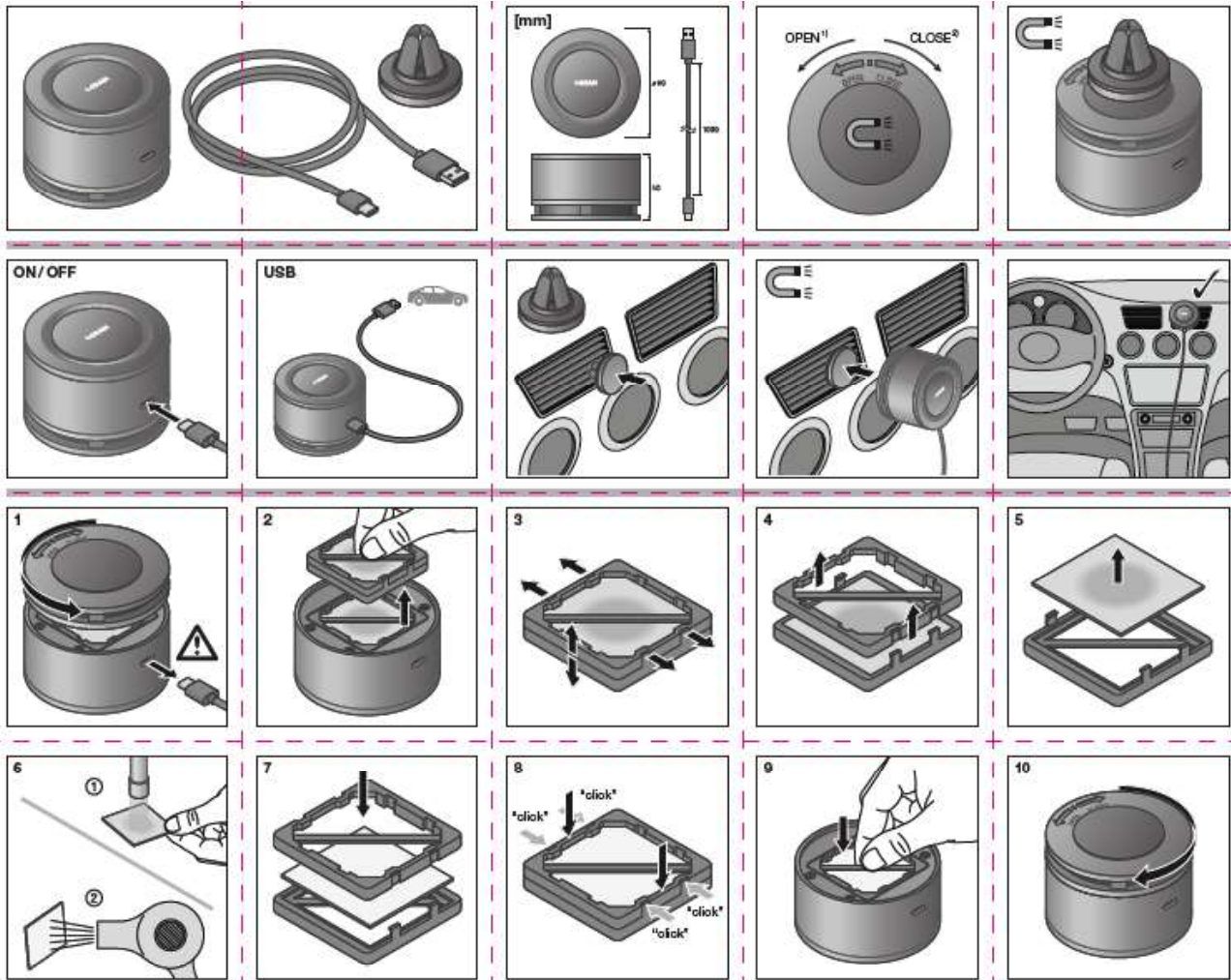
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## Operating Conditions / Betriebsbedingungen

Environmental and Assembly Conditions				
Green Product (RoHS)	Yes			
Interior / Exterior use?	Interior			
	Min	Typ	Max	
Ambient Temperature Range (Ta on free air)	-20	25	70	°C
Storage Temperature Range	-20	25	70	°C
Mounting	Magnet mount to car vent			
Connection	USB-Type C			
Filter/Photocatalyst material	Nickel with nano coating TiO2			

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Working Noise	<30 dB
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### Electrical data (Elektrische Daten)

Characteristics (Messwert)	Symbol	Unit (Einheit)	Major / Minor	Tolerance (Toleranz) [%]
Voltage (Spannung)	U	V	5V	DC 3 - 7V
Wattage (Leistung) @25°C	P	W	2W	±0.5

### Life time (Lebensdauer)

Test (Prüfung)	Symbol	Unit (Einheit)	Major / Minor
Life time average (@25°C)	Tc	h	2,000

### Qualification and Standards

Validation Test	
EMC/ EMI / radio disturbance characteristics	EN 55014 / EN 61000 / EN 62233
LVD	EN 60335-1 / EN 60335-2-65
Photobiological Safety	EN/ISO 62471
Technical standard for disinfection	Technical standard for disinfection-2002
Methods for determination of purificatory effect of indoor environment decontamination product	QB/T 2761-2006

### Process of manufacturing (Fertigungsprozess)

This product is designed and manufactured for the Automotive Aftermarket. Please consider the product specification to match the customer requirements.  
Dieses Produkt wurde für den Aftermarket entwickelt und produziert. Es ist unabdingbar die Produktspezifikation mit den Kundenanforderungen abzugleichen.

### Successive listing of changes / Änderungsfortschreibung

# Customer Information



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Revision	Issue / Ausgabe	Reason for change / Änderungsgrund
00	20.08.2020	First edition / Erste Version

#OSRAM 0LQ(V)  
#884 #T.CHENS  
#  
#AMW #CI Sheet LEDAS101-BK EU  
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