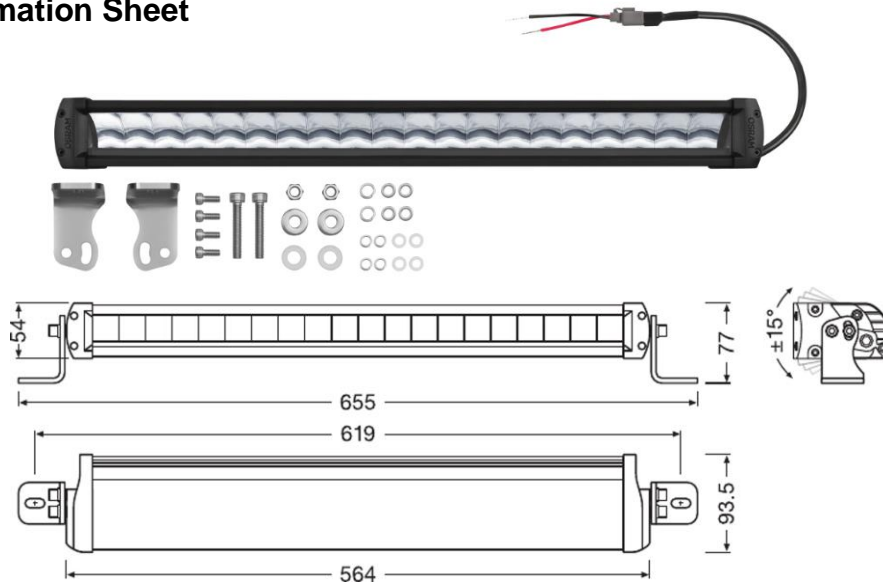


LEDDL104 12/24V SP

Customer Information Sheet



General tolerances in accordance with ISO 2768-v (Allgemeine Toleranzen nach ISO 2768-v)

Packaging content (Verpackungsinhalt)

No.	Part Name	Description	Qty
1	LED Bar	Housing: AL with black powder painting	1
2	Side Bracket 1Set (2 pcs.)	Stainless Steel	1
3	M6*14 Hexagon Socket Head Cap Screw	Stainless Steel	4
4	M6 Plastic Spacer	Plastic	4
5	M6 Spring Washer	Stainless Steel	4
6	M6 Plain Washer	Stainless Steel	4
7	M8*45 Hexagon Socket Head Cap Screw	Stainless Steel	2
8	M8 Plastic Spacer	Plastic	2
9	M8 Spring Washer	Stainless Steel	2
10	M8 Plain Washer	Stainless Steel	2
11	M8 Self-locking Nut	Stainless Steel	2
12	User Manual		1

Standards and regulations (Normen und Vorschriften)

EMC/EMI	ECE R10
IP Class	IP 67
Other legal requirements	RoHS, REACH

SP_SSL_LED104_12/24V_SP_Customer_Info

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Released

SP SSL&EL München 700

ECM

Moritz Schulz AMW

Template: ZOT 10000028

External no.:

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

Electrical and photometrical data (Elektrische und lichttechnische Daten)

Characteristics (Messwert)	Symbol	Unit (Einheit)	Major / Minor	Tolerance (Toleranz) [%]
Voltage (Spannung)	U	V	12/24V	9V-30V
Wattage (Leistung) @25°C	P	W	72W (12V)	±10%
			66W (24V)	±10%
Steady State luminous flux (Lichtstrom) (30min. @25°C & 13,2V)	Φ	lm	4600lm	±10%

Life time (Lebensdauer)

Test (Prüfung)				
Life time average (@25°C)	T _c	h	5.000	

Further specifications (Weitere Spezifikationen)

Test (Prüfung)	Rated value (Sollwert)	Test specification (Norm)
Color temperature (Farbtemperatur)	Cold White (6500K)	+/- 500K
Beam Angle	5°	±1°
Ambient Temperature range (T _a)	25°C	-30°C~+60°C
Storage Temperature range (T _s)	25°C	-40°C~+85°C
Light distance @1lx	~520m	
Weight (light + application material)	2250g	
Connector	Deutsch (DTP04-2P,DTP06-2S)	Water proof
Wire length	Lamp to connector: 100cm Pigtail wire: 15cm	
Polarity	Polarity Protection	

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)

Issue (Ausgabe):	Reason for change (Änderungsgrund):
02.11.2017	First Version
14.11.2017	Review
23.01.2018	Update: Product Drawing
17.05.2018	Storage Temp., Light Distance, Weight, Connector