



Product Service

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Technical Report No. 028-713141631-001

Dated: 2019-01-15

Client: EBV Elektronik GmbH & Co. KG
Im Technologiepark 2-8
85586 Poing, Germany

For:

Iventum GmbH
Mr. Buhl, Erich
Fürker Str. 32
42697 Solingen, Germany

Manufacturing place: Iventum GmbH
Mr. Buhl, Erich
Fürker Str. 32
42697 Solingen, Germany

Test subject: Products:
Luminaire: INo1_L250/B255/H100mm (230VAC 1x100W)
Luminaire: INo2_L550/B255/H100mm (230VAC 2x102W)

Test specification: Light measurements at LED-Luminaire
Model: INo1_L550/B255/H100mm (230VAC 1x100W)

Purpose of examination: Determination of luminous intensity distribution and luminous flux.
Determination of energy efficiency according to EU Regulation 874:2012

Test result:

Model name:	INo1_L550/B255/H100mm (230VAC 1x100W)
Total luminous flux:	13,83 klm
Power of luminaire:	102,68W
Energy efficiency:	A++

Further results, refer to chapter. 3.

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Engineer: Bunselmeier, Miles
Date: 2018-09-14

Phone: + 49 089/361965-369
Fax: + 49 089/361965-799
E-Mail: Miles.Bunselmeier@tuev-sued.de



TÜV SÜD Product Service GmbH
Garching Branch
Daimlerstrasse 11
85748 Garching
Germany

1 Description of the test subject

1.1 Function

Manufacturer's specification for intended use:

Luminaire for general lighting

1.2 Technical Data

Luminaire: INo1_L550/B255/H100mm (230VAC 1x100W)

U: 230 V AC

P: 1x100W

Test sample picture

Luminaire: INo2_L550/B255/H100mm (230VAC 2x102W)



2 Order

2.1 Date of Purchase Order, Customer's Reference

27.11.2018, Mr. Gross

2.2 Receipt of Test Sample, Location

30.11.2018, TÜV SÜD Product Service GmbH Garching

2.3 Date of Testing



Product Service

December.2018

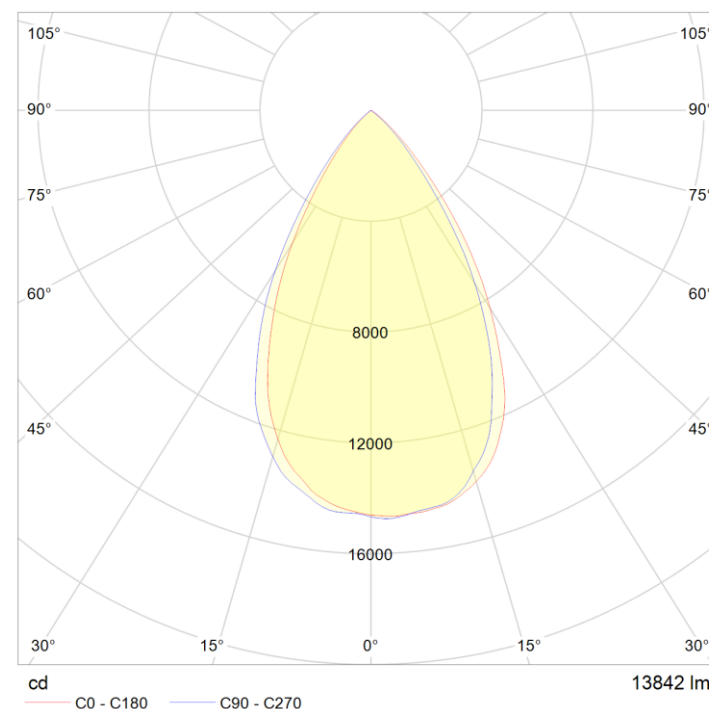
2.4 Location of Testing

TÜV SÜD Product Service GmbH, Daimlerstr. 11, 85748 Garching, Germany

3 Result

3.1 Measurement of luminous intensity distribution after stabilization of the luminaire (ambient temp $25 \pm 1^\circ\text{C}$).

3.1	Measurement of luminous intensity distribution	INo1_L550/B255/H100mm (230VAC 1x100W)	
	Sample ID: luminaire	389556	
	Operating Voltage	229,8	V
	Frequency	49,99	Hz
	Current	0,4561	A
	Power (1 luminaires)	102,68	W
	Luminous Flux	13,83	klm
	Light output ratio	134,69	lm/W
	Beam Angle (C0-C180)	120	°
	CRI	81,8	
	CCT	4214	K



4 Summary

Model name:
INo2_L550/B255/H100mm
(230VAC x100W)

Total luminous flux: 13,83 klm

Power of luminaire: 102,68W

Energy efficiency: A++

TÜV SÜD Product Service GmbH

Technical Report checked



SIGN-ID 211875

i.A. Fabian Fligge

PS-CPS-LIG1

TÜV SÜD Product Service GmbH

Engineer



SIGN-ID 156062

i. A. Xue Guo

PS-CPS-LIG1