

To:

Tomasz Wróblewski

Validation Engineer

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From:

Dalida Fuks

KET Laboratory

Quality Lab Technician

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dalida.fuks_1@signify.com**Object:**

UNISTREET GEN2, glass 4mm, TEST of new glass gasket from SILAM

Product description:**Brand:** Philips**Family name:** UniStreet**Family code:** BGP282**Led Module or Lamps:**

✓ -

Electric Components in Product:✓ **Driver** : -✓ **SPD**:✓ **Other**:**Luminaire characteristics:**✓ **Electrical Class**:✓ **IP Classification**: 66✓ **IK Classification**: 08✓ **Ta(°C)**: 50✓ **Un(V)**: 220-240✓ **fn (Hz)**: 50-60✓ **I LedModule (mA)**: 650✓ **Luminaire installation**: Post top**Tests according to (for first sample):**

☒ IEC 62262 First Edition 2002-02 Degrees of protection provided by enclosures for electrical equipment against external mechanical impacts (IK code) five impacts in each exposed face, no more than three impacts applied surroundings of same point of enclosure

☐ EN 60598-1:2015 Luminaires - Part 1: General requirements and tests+ EN 60598-1:2015/AC:2015 + EN 60598-1:2015/AC:2016 section 4.13

☐ EN 60598-2-1:1989 Luminaires - Part 2: Particular requirements - Section 1: Fixed general purpose section 2.6

☐ EN 60598-2-2:2012 Luminaires - Part 2-2: Particular requirements - Recessed luminaires, section 2.7

☐ EN 60598-2-3:2003 Luminaires - Part 2-3: Particular requirements - Luminaires for road and street lighting +EN 60598-2- 3:2003/A1:2011 + EN 60598-2-3:2003/AC:2005, section 3.6.5

☐ EN 60598-2-5:2015 Luminaires - Part 2-5: Particular requirements – Floodlights section 5.6.8

☐ EN 60598-2-22:2014 Luminaires - Part 2-22: Particular requirements - Luminaires for emergency lighting + EN 60598-2-22:2014/AC:2015 section 22.6

☐ EN 60598-2-24:2013 Luminaires - Part 2-24: Particular requirements - Luminaires with limited surface temperatures section 25.6

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KET_007 RevA

Page 1 of 4

Phone: +48 89 678 21 78

Test Equipment:

- ☒ Vertical hammer Ehc UP058
☐ Hammer PTL Dr.Grabenhorst GmbH UP014

Tests Results:☒ **PASS**☐ **FAIL****Tested by:**

- ☐ Lucyna Wolniakowska-Kulas
☒ Dalida Fuks *D. Fuks*
☐ Michał Szepietowski
☐ Piotr Jakubiec
☐ Konrad Micinski
☐ Andrzej Haluszka

Approved by:

- ☒ Dariusz Pierzchanowski

Test date: 23-04-2021**Issue date:** 23-04-2021

5.1	ATMOSPHERIC CONDITION FOR TEST	REMARKS	RESULT
	Environment temperature (15~ 35°C)	21	P
	Relative humidity (25 ~ 75%)	50	P
	Atm. pressure (860 ~1060 mbar)	998	P

4.2. Impact Energy (IK Code) need Tests		Choose
Code IK 02	0.2 J	<input type="checkbox"/>
Code IK 03	0.35 J	<input type="checkbox"/>
Code IK 04	0.5 J	<input type="checkbox"/>
Code IK 05	0.7 J	<input type="checkbox"/>
Code IK 06	1 J	<input type="checkbox"/>
Code IK 07	2 J	<input type="checkbox"/>
Code IK 08	5 J	<input checked="" type="checkbox"/>
Code IK 09	10 J	<input type="checkbox"/>
Code IK 10	20J	<input type="checkbox"/>
>Other Energy	xxJ	<input type="checkbox"/>

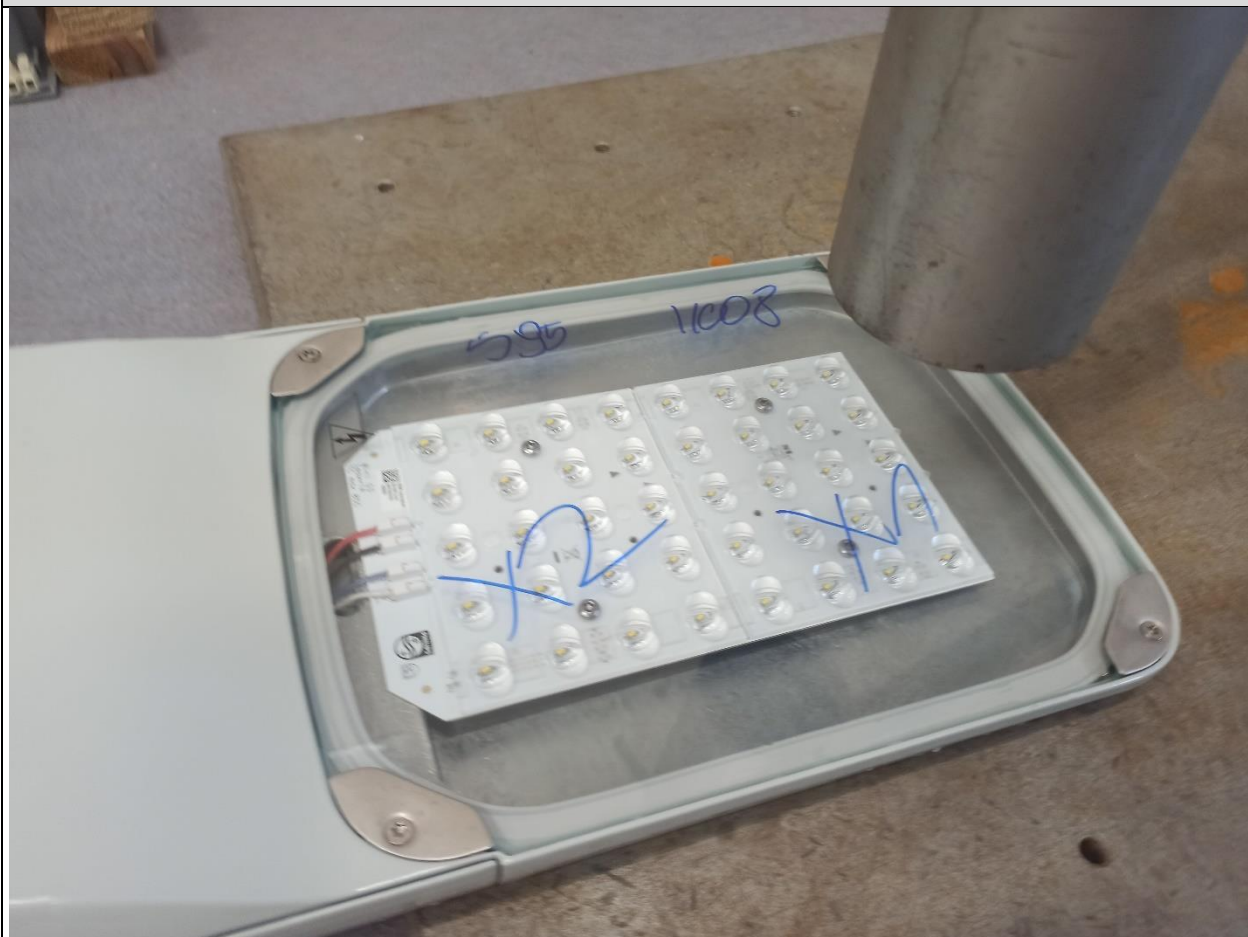
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PHOTOS



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**CONCLUSIONS AND REMARKS**

Test result: PASS

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