

P.L.S.-Laboratory
Site: KET

Report N°: KE191899

IK test



Ketrzyn LAB

To:

Paweł Trembowski

Quality Field Engineer

Copy:

-

-

From:

Dalida Fuks

KET Laboratory

Quality Lab Technician

Tel: (+48) 538 430 588

dalida.fuks_1@signify.com**Object:** CORELINE MALAGA LED**Product description:****Brand:** Philips**Family name:** CORELINE MALAGA LED**Family code:** BRP101**Led Module or Lamps:**

✓

Electric Components in Product:✓ **Driver:**✓ **SPD:** -✓ **Other:** -**Luminaire characteristics:**✓ **Electrical Class:** II✓ **IP Classification:** 65✓ **IK Classification:** 08✓ **Ta(°C):** -✓ **Un(V):** 220-240✓ **fn (Hz):** 50-60✓ **I LedModule (mA):**✓ **Luminaire installation:** -**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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Ketrzyn **LAB**

Test Equipment:

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

Test Results:

☒ **PASS**

☐ **FAIL**

Tested by:

- ☐ Aneta Lewandowska
☒ Dalida Fuks
☐ Michal Szepietowski
☐ Piotr Jakubiec
☐ Konrad Micinski
☐ Andrzej Haluszka

Approved by:

- ☒ Dariusz Pierzchanowski

Test date: 17-01-2020

Issue date: 17-01-2020

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5.1	ATMOSPHERIC CONDITION FOR TEST	REMARKS	RESULT
	Environment temperature (15~ 35°C)	23	P
	Relative humidity (25 ~ 75%)	50	P
	Atm. pressure (860 ~1060 mbar)	1002	P

4.2. Impact Energy (IK Code) need Tests for first sample		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"/>

PHOTOS

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CONCLUSIONS AND REMARKS

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