

EMC test

General information

Subject : IZYLUM 4 120 led's LH351C - 600 mA - Class I & Class II

Asked by : SZÜGYI János Péter

Created on : 25/08/2020

Started on : 25/08/2020

Test number : D201173

Reference norm : EN 55015 Standard

Folder : P-F20015

Test conditions

Luminaire : IZYLUM 4

Operator : LERHO Xavier

Description :

This report covers the tested drivers below in CI I & II:

- OSRAM DX 165W (00-86-513)
- Philips FP 110W (00-59-726)
- OSRAM OT 110W (00-53-404)

Number of LEDs : 120

LED Type : Samsung LH351C

Number of driver(s) : 2

Current setting (mA) : 600

Dimming minimum value : 20

Dimming protocol : DALI/0-10V

Control system : NEMA Socket + Shorting cap

Testing facility : HUS - Schröder Magyarország Zrt.

Conclusion



Success

Conclusion :

IZYLUM 4 with drivers OSRAM DX 165W, Philips FP 110W or OSRAM OT 110W complies with "Conducted emissions" & "CDNE method" tests (EN55015) in internal lab.

Validated by :

LERHO Xavier

Duplicate to : SZÜGYI János Péter, Dorflinger Tamas,

HEYMANS Tom, BEDŐ Péter

LAB : 26/08/2020

D201173

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Test(s) details

Test(s)

Name	Description	Result
IZYLUM 4 - OSRAM DX 165W (00-86-513) - 600mA - Cl. I	Emission measurements (EN 55015): - Radiated emissions - Conducted emissions	Success
IZYLUM 4 - OSRAM DX 165W (00-86-513) - 600mA - Cl. II	Emission measurements (EN 55015): - Radiated emissions - Conducted emissions	Success
IZYLUM 4 - Philips FP 110W (00-59-726) - 600mA - Cl. I	Emission measurements (EN 55015): - Radiated emissions - Conducted emissions	Success
IZYLUM 4 - Philips FP 110W (00-59-726) - 600mA - Cl. II	Emission measurements (EN 55015): - Radiated emissions - Conducted emissions	Success
IZYLUM 4 - OSRAM OT 110W (00-53-404) - 600mA - Cl. I	Emission measurements (EN 55015): - Radiated emissions - Conducted emissions	Success
IZYLUM 4 - OSRAM OT 110W (00-53-404) - 600mA - Cl. II	Emission measurements (EN 55015): - Radiated emissions - Conducted emissions	Success

IZYLUM 4 - OSRAM DX 165W (00-86-513) - 600mA - Cl. I

Result(s)

EMC Database reports: 200937, 200938, 200941 & 200942

IZYLUM 4 - OSRAM DX 165W (00-86-513) - 600mA - Cl. II

Result(s)

EMC Database reports: 200935, 200936, 200939 & 200940

IZYLUM 4 - Philips FP 110W (00-59-726) - 600mA - Cl. I

Result(s)

EMC Database reports: 200895, 200896, 200905 & 200906

IZYLUM 4 - Philips FP 110W (00-59-726) - 600mA - Cl. II

Result(s)

EMC Database reports: 200903, 200904, 200913 & 200914

IZYLUM 4 - OSRAM OT 110W (00-53-404) - 600mA - Cl. I

Result(s)

EMC Database reports: 200901, 200902, 200911 & 200912

IZYLUM 4 - OSRAM OT 110W (00-53-404) - 600mA - Cl. II

Result(s)

EMC Database reports: 200899, 200900, 200909 & 200910.

Number of appendix pages : 72

End of accredited report :
