

EMC test

General information

Subject : IZYLUM LT 3 - 87 Seoul 5050 - 1000mA - SIGNIFY FP 165W 300-1,050mA 220-240V DALI C170 . - Nema socket - CI I

Asked by : SZÜGYI János Péter

Created on : 06/02/2024

Started on : 06/02/2024

Test number : D240124

Reference norm : IEC 61000-3-2 Ed5 (2018) +A1 (2020); EN IEC 61000-3-2 (2019) + A1 (2021); EN IEC 55015 (2019) +A11 (2020)

Sample(s) : E240070

Test conditions

Luminaire : IZYLUM LT 3

Operator : LUCIANI Samuel

Description :

1x PCBA HF1 24 SC5050 740 4 stp Min. W4 8S3P HT / 03-52-266

3x PCBA HF1 21 SC5050 740 4 stp Min. W4 3P7 HT / 03-60-142
(with LENS PLATE 25 LENSES 5425 PMMA / 03-48-040)

Electrical class : Class I EU

Number of LEDs : 87

LED Type : Seoul 5050

Driver : DRIVER_SIGNIFY_FP_165W_300-1,050mA_220-240V_DALI_C170_ / 02-58-004

Number of driver(s) : 1

Current setting (mA) : 1000

Dimming minimum value : 20

Dimming protocol : DALI

Control system : Nema socket

Overvoltage protection : SPD VS SP3/230/10K/I (Ref. 142743)

Testing facility : BER - SCHREDER

Conclusion



Success

Conclusion :

IZYLUM LT 3 Cl. I with SIGNIFY FP 165W driver complies with "Conducted emissions" & "CDNE method" tests (EN IEC 55015) + Harmonics (IEC 61000-3-2 & EN IEC 61000-3-2) in internal lab.

Validated by :

LERHO Xavier

Duplicate to : SZÜGYI János Péter, NAGY Ádám

LAB : 12/02/2024

D240124

1/2

Test(s) details

Test(s)

Name	Description	Verdict
EMC compliance in R-Tech lab - Class I	Emission measurements (EN IEC 55015): - Radiated emissions - Conducted emissions Harmonics (IEC 61000-3-2 & EN IEC 61000-3-2)	Success

EMC compliance in R-Tech lab - Class I

Verdict(s)

Internal reports (EMC Database):BER240119 to 123.

Number of appendix pages : 15

End of test report :



Schreder SA - EMC Test Report

Test Information

Product	IZYLUM LT3
Sample reference	E240070
LED number & type	87 SEOUL 5050
Class	I
Current	1000mA
Dimming	20%
Driver name	SIGNIFY FP 165W 300-1,050mA
Driver PLM	02-58-004
Socket	Nema socket
Test	Conducted emission - EN55015
Operator	SLI
Comments	

