

IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT
(IECEE) CB SCHEME

CB TEST CERTIFICATE

Product

ELECTRONIC CONTROL GEAR FOR LED MODULES

Name and address of the applicant

INDUSTRIAS VENTURA, S.L.
AUTOVÍA DE LOGROÑO KM 11,500
50180 UTEBO (Zaragoza - Spain)

Name and address of the manufacturer

INDUSTRIAS VENTURA, S.L.
AUTOVÍA DE LOGROÑO, KM 11,500
50180 UTEBO (Zaragoza - Spain)

Name and address of the factory

SAME AS ABOVE

Note: When more than one factory, please report on page 2

 Additional Information on page 2

Ratings and principal characteristics

220-277 V~; 0 ... 50/60 Hz; 80 °C; Sí / yes

Trademark (if any)

LAYRTON

Customer's Testing Facility (CTF) Stage used

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Model / Type Ref.

See references on the Annex

Additional information (if necessary may also be reported on page 2)

 Additional Information on page 2

A sample of the product was tested and found to be in conformity with

IEC 61347-1:2015
IEC 61347-2-13:2014
IEC 61347-2-13:2014/AMD1:2016
IEC 62348:2006
IEC 62384:2006/AMD1:2009

As shown in the Test Report Ref. No. which forms part of this Certificate

201402130055-M3, 201402130054-M3

This CB Test Certificate is issued by the National Certification Body

AENOR INTERNACIONAL S.A.U.
Cl Génova, 6
ES-28004 MADRID (SPAIN)

Date: 2019-01-18


Signature: Rafael GARCÍA MEIRO
Chief Executive Officer

ANNEX TO CB CERTIFICATE N° ES1520-M3

CERTIFIED REFERENCES AND THEIR MAIN RATINGS

Product: ELECTRONIC CONTROL GEAR FOR LED MODULES

Trade Mark: LAYRTON

| Reference | Total power and power factor | Voltage or current Stabilized output | Classification | Additional data |
|---------------|------------------------------|--|----------------|---|
| DLC 025 YYYY | 29 (25) W; 0,97 | Stabilized current (YYYY): 200-800 mA, 80-270 V max. output | To build-in | Short-circuits withstand; reinforced insulation; terminals connection; thermal protection stated at 100 °C; IP 20 |
| DLC 040 YYYY | 44 (40) W; 0,98 | Stabilized current (YYYY): 350-2100 mA, 23-127 V max. output | To build-in | Short-circuits withstand; reinforced insulation; terminals connection; thermal protection stated at 100 °C; IP 20 |
| DLC 065 YYYY | 71 (65) W; 0,98 | Stabilized current (YYYY): 350-2100 mA, 33-195 V max. output | To build-in | Short-circuits withstand; reinforced insulation; terminals connection; thermal protection stated at 100 °C; IP 20 |
| DLC 080 YYYY | 88 (80) W; 0,98 | Stabilized current (YYYY): 350-2100 mA, 41-277 V max. output | To build-in | Short-circuits withstand; reinforced insulation; terminals connection; thermal protection stated at 100 °C; IP 20 |
| DLC 100 YYYY | 110 (100) W; 0,98 | Stabilized current (YYYY): 500-2100 mA, 49-255 V max. output | To build-in | Short-circuits withstand; reinforced insulation; terminals connection; thermal protection stated at 100 °C; IP 20 |
| DLC 150 YYYY | 164 (150) W; 0,98 | Stabilized current (YYYY): 500-2800 mA, 63-330 V max. output | To build-in | Short-circuits withstand; reinforced insulation; terminals connection; thermal protection stated at 100 °C; IP 20 |
| DLC 170 YYYY | 187 (170) W; 0,98 | Stabilized current (YYYY): 500-2800 mA, 63-343 V max. output | To build-in | Short-circuits withstand; reinforced insulation; terminals connection; thermal protection stated at 100 °C; IP 20 |
| DLC 200 YYYY | 220 (200) W; 0,98 | Stabilized current (YYYY): 700-4000 mA, 53-300 V max. output | To build-in | Short-circuits withstand; reinforced insulation; terminals connection; thermal protection stated at 100 °C; IP 20 |
| DLC 230 YYYY | 248 (230) W; 0,98 | Stabilized current (YYYY): 700-4200 mA, 57-335 V max. output | To build-in | Short-circuits withstand; reinforced insulation; terminals connection; thermal protection stated at 100 °C; IP 20 |
| DLC 250 YYYY | 270 (250) W; 0,98 | Stabilized current (YYYY): 700-4200 mA, 80-470 V max. output | To build-in | Short-circuits withstand; reinforced insulation; terminals connection; thermal protection stated at 100 °C; IP 20 |
| DLCD 025 YYYY | 29 (25) W; 0,97 | Stabilized current (YYYY): 200-800 mA, 80-270 V max. output | To build-in | Short-circuits withstand; reinforced insulation; terminals connection; thermal protection stated at 100 °C; IP 20 |
| DLCD 040 YYYY | 44 (40) W; 0,98 | Stabilized current (YYYY): 350-2100 mA, 23-127 V max. output | To build-in | Short-circuits withstand; reinforced insulation; terminals connection; thermal protection stated at 100 °C; IP 20 |

ANNEX TO CB CERTIFICATE N° ES1520-M3

CERTIFIED REFERENCES AND THEIR MAIN RATINGS

| Reference | Total power and power factor | Voltage or current Stabilized output | Classification | Additional data |
|----------------|------------------------------|--|----------------|---|
| DLCD 065 YYYY | 71 (65) W; 0,98 | Stabilized current (YYYY): 350-2100 mA, 33-195 V max. output | To build-in | Short-circuits withstand; reinforced insulation; terminals connection; thermal protection stated at 100 °C; IP 20 |
| DLCD 080 YYYY | 88 (80) W; 0,98 | Stabilized current (YYYY): 350-2100 mA, 41-277 V max. output | To build-in | Short-circuits withstand; reinforced insulation; terminals connection; thermal protection stated at 100 °C; IP 20 |
| DLCD 100 YYYY | 110 (100) W; 0,98 | Stabilized current (YYYY): 500-2100 mA, 49-255 V max. output | To build-in | Short-circuits withstand; reinforced insulation; terminals connection; thermal protection stated at 100 °C; IP 20 |
| DLCD 150 YYYY | 164 (150) W; 0,98 | Stabilized current (YYYY): 500-2800 mA, 63-330 V max. output | To build-in | Short-circuits withstand; reinforced insulation; terminals connection; thermal protection stated at 100 °C; IP 20 |
| DLCD 170 YYYY | 187 (170) W; 0,98 | Stabilized current (YYYY): 500-2800 mA, 63-343 V max. output | To build-in | Short-circuits withstand; reinforced insulation; terminals connection; thermal protection stated at 100 °C; IP 20 |
| DLCD 200 YYYY | 220 (200) W; 0,98 | Stabilized current (YYYY): 700-4000 mA, 53-300 V max. output | To build-in | Short-circuits withstand; reinforced insulation; terminals connection; thermal protection stated at 100 °C; IP 20 |
| DLCD 230 YYYY | 248 (230) W; 0,98 | Stabilized current (YYYY): 700-4200 mA, 57-335 V max. output | To build-in | Short-circuits withstand; reinforced insulation; terminals connection; thermal protection stated at 100 °C; IP 20 |
| DLCD 250 YYYY | 270 (250) W; 0,98 | Stabilized current (YYYY): 700-4200 mA, 80-470 V max. output | To build-in | Short-circuits withstand; reinforced insulation; terminals connection; thermal protection stated at 100 °C; IP 20 |
| DLCDW 025 YYYY | 29 (25) W; 0,97 | Stabilized current (YYYY): 200-800 mA, 80-270 V max. output | Independent | Short-circuits withstand; class II; plug-in; thermal protection stated at 100 °C; IP 67 |
| DLCDW 040 YYYY | 44 (40) W; 0,98 | Stabilized current (YYYY): 350-2100 mA, 23-127 V max. output | Independent | Short-circuits withstand; class II; plug-in; thermal protection stated at 100 °C; IP 67 |
| DLCDW 065 YYYY | 71 (65) W; 0,98 | Stabilized current (YYYY): 350-2100 mA, 33-195 V max. output | Independent | Short-circuits withstand; class II; plug-in; thermal protection stated at 100 °C; IP 67 |
| DLCDW 080 YYYY | 88 (80) W; 0,98 | Stabilized current (YYYY): 350-2100 mA, 41-277 V max. output | Independent | Short-circuits withstand; class II; plug-in; thermal protection stated at 100 °C; IP 67 |
| DLCDW 100 YYYY | 110 (100) W; 0,98 | Stabilized current (YYYY): 500-2100 mA, 49-255 V max. output | Independent | Short-circuits withstand; class II; plug-in; thermal protection stated at 100 °C; IP 67 |
| DLCDW 150 YYYY | 164 (150) W; 0,98 | Stabilized current (YYYY): 500-2800 mA, 63-330 V max. output | Independent | Short-circuits withstand; class II; plug-in; thermal protection stated at 100 °C; IP 67 |

ANNEX TO CB CERTIFICATE N° ES1520-M3

CERTIFIED REFERENCES AND THEIR MAIN RATINGS

| Reference | Total power and power factor | Voltage or current Stabilized output | Classification | Additional data |
|----------------|------------------------------|--|----------------|--|
| DLCDW 170 YYYY | 187 (170) W; 0,98 | Stabilized current (YYYY): 500-2800 mA, 63-343 V max. output | Independent | Short-circuits withstand; class II; plug-in; thermal protection stated at 100 °C; IP 67 |
| DLCDW 200 YYYY | 220 (200) W; 0,98 | Stabilized current (YYYY): 700-4000 mA, 53-300 V max. output | Independent | Short-circuits withstand; class II; plug-in; thermal protection stated at 100 °C; IP 67 |
| DLCDW 230 YYYY | 248 (230) W; 0,98 | Stabilized current (YYYY): 700-4200 mA, 57-335 V max. output | Independent | Short-circuits withstand; class II; plug-in; thermal protection stated at 100 °C; IP 67 |
| DLCDW 250 YYYY | 270 (250) W; 0,98 | Stabilized current (YYYY): 700-4200 mA, 80-470 V max. output | Independent | Short-circuits withstand; class II; plug-in; thermal protection stated at 100 °C; IP 67 |
| DLCW 025 YYYY | 29 (25) W; 0,97 | Stabilized current (YYYY): 200-800 mA, 80-270 V max. output | Independent | Short-circuits withstand; class II; plug-in; thermal protection stated at 100 °C; IP 67 |
| DLCW 040 YYYY | 44 (40) W; 0,98 | Stabilized current (YYYY): 350-2100 mA, 23-127 V max. output | Independent | Short-circuits withstand; class II; plug-in; thermal protection stated at 100 °C; IP 67 |
| DLCW 065 YYYY | 71 (65) W; 0,98 | Stabilized current (YYYY): 350-2100 mA, 33-195 V max. output | Independent | Short-circuits withstand; class II; plug-in; thermal protection stated at 100 °C; IP 67 |
| DLCW 080 YYYY | 88 (80) W; 0,98 | Stabilized current (YYYY): 350-2100 mA, 41-277 V max. output | Independent | Short-circuits withstand; class II; plug-in; thermal protection stated at 100 °C; IP 67 |
| DLCW 100 YYYY | 110 (100) W; 0,98 | Stabilized current (YYYY): 500-2100 mA, 49-255 V max. output | Independent | Short-circuits withstand; class II; plug-in; thermal protection stated at 100 °C; IP 67 |
| DLCW 150 YYYY | 164 (150) W; 0,98 | Stabilized current (YYYY): 500-2800 mA, 63-330 V max. output | Independent | Short-circuits withstand; class II; plug-in; thermal protection stated at 100 °C; IP 67 |
| DLCW 170 YYYY | 187 (170) W; 0,98 | Stabilized current (YYYY): 500-2800 mA, 63-343 V max. output | Independent | Short-circuits withstand; class II; plug-in; thermal protection stated at 100 °C; IP 67 |
| DLCW 200 YYYY | 220 (200) W; 0,98 | Stabilized current (YYYY): 700-4000 mA, 53-300 V max. output | Independent | Short-circuits withstand; class II; plug-in; thermal protection stated at 100 °C; IP 67 |
| DLCW 230 YYYY | 248 (230) W; 0,98 | Stabilized current (YYYY): 700-4200 mA, 57-335 V max. output | Independent | Short-circuits withstand; class II; plug-in; thermal protection stated at 100 °C; IP 67 |
| DLCW 250 YYYY | 270 (250) W; 0,98 | Stabilized current (YYYY): 700-4200 mA, 80-470 V max. output | Independent | Short-circuits withstand; class II; plug-in; thermal protection stated at 100 °C; IP 67 |

Voltage and frequency supply: 220-277 V~; 0 ... 50/60 Hz

Tc maximum: 80 °C

Suitable for supply voltage dimmer: Yes