



THE NETHERLANDS  
(N E D E R L A N D)



COMMUNICATION

Concerning <sup>(1)</sup>:

- approval granted
- ~~approval extended~~
- ~~approval refused~~
- ~~approval withdrawn~~
- ~~production definitely discontinued~~

of a type of electrical/electronic sub-assembly <sup>(1)</sup> with regard to Regulation number 10.

**Approval number: E4\*10R06/01\*4968\*00**

- |      |   |  |
|------|---|--|
| 1.   | Make (trade name of manufacturer)   | : Dutch Electro B.V.   |
| 2.   | Type and general commercial description(s)  | : TR????LE02?3 with ESA PCAA0611?N and PCAB0355?N<br>Description: (LED fitting Track ?? WT / ?,5x6 high power LED / ?????? dimmable?????????????????????)  |
| 3.   | Means of identification of type, if marked on the vehicle/component/ separate technical unit <sup>(1)</sup> | - TRWT.LE.0273 with ESA PCAA0611NN and PCAB0355NN<br>: (LED fitting Track WT / 4,5x6 high power LED / PWM dimmable via external device)<br><br>- TR40WT.LE.0203 with ESA PCAA0611DN and PCAB0355DN<br>(LED fitting Track 40 WT / 2,5x6 high power LED / 2-STEP dimmable 30/100%) |
| 3.1. | Location of that marking  | : Rear side of housing   |
| 4.   | Category of vehicle   | : All  |
| 5.   | Name and address of manufacturer  | : Dutch Electro B.V.<br>Horselstraat 11<br>6361 HC Nuth<br>The Netherlands   |



**Approval number: E4\*10R06/01\*4968\*00**

6. In the case of components and separate technical units, location and method of affixing of the approval mark : Adhesive label on rear side of housing
7. Address(es) of assembly plant(s) : Dutch Electro B.V.  
Horselstraat 11  
6361 HC Nuth  
The Netherlands
8. Additional information (where applicable) : see Appendix below
9. Technical service responsible for carrying out the tests : TÜV Rheinland Nederland B.V.  
Eiberkamp 10  
9351 VT Leek  
The Netherlands
10. Date of test report : 06-10-2022 and 06-10-2022
11. Number of test report : NL22CZPP 001 and NL224C7J 001
12. Remarks (if any) : see Appendix
13. Place : Zoetermeer
14. Date : 08 December 2022
15. Signature :

  
  
L. Vellekoop

16. The index to the information package lodged with the approval authority, which may be obtained on request, is attached.
17. Reasons for extension :

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<sup>(1)</sup> Strike out what does not apply.

## APPENDIX

to type-approval communication form number: E4\*10R06/01\*4968\*00

concerning the type-approval of an electrical/electronic sub-assembly<sup>(1)</sup> under Regulation number 10.

1. Additional information : None
- 1.1. Electrical system rated voltage : 12 V or 24 V DC Un-Earthed
- 1.2. This ESA can be used on any vehicle type with the following restrictions : None
- 1.2.1. Installation conditions, if any : Not Applicable
- 1.3. This ESA can be used only on the following vehicle types : All
- 1.3.1. Installation conditions, if any : Not Applicable
- 1.4. The specific test method(s) used and the frequency ranges covered to determine immunity were : ESA is Not Safety Related. Radiated Immunity : Tests not applicable
- 1.5. Laboratory accredited to ISO 17025 and recognized by the Approval Authority responsible for carrying out the tests : TÜV Rheinland Nederland B.V.  
: Eiberkamp 10  
: 9351 VT Leek  
: The Netherlands
2. Remarks : Attached to this Type Approval:  
Application for granting form  
Statement manufacturer and authorization regarding application  
Annex 2B form  
2 x EMC Test report  
Photo's  
Labels  
PCB Layouts  
Schematic Diagrams  
BOM's




Disc WT RE, Disc WT SU, Micro Canal WT, Micro Canal 60 WT,  
Track WT, Track 40 WT, Track 60 WT & LED spot 11 series

2023-R1

Test Report issued under the responsibility of : DEKRA Certification B.V.  
Utrechtseweg 310, 6812 AR Arnhem  
The Netherlands  
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F +31 26 3 52 58 00  
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TEST REPORT	
Report Reference No.....	2138823.50
Tested by (name + signature) .....	R. Visser 
Approved by (name + signature) .....	T.H.J.M. Michels 
Date of issue.....	2011-02-28
Contents / enclosures.....	4
Testing Laboratory.....	DEKRA Certification B.V.
Testing location / address.....	Utrechtseweg 310, 6812 AR Arnhem, The Netherlands.
Applicant.....	Dutch Elektro B.V.
Address.....	Horselstraat 11, 6361 HC Nuth, The Netherlands.
<b>Test specification:</b>	
Standard(s).....	IEC 60598-1:2008
Test procedure.....	Basic safety test <input type="checkbox"/> Screen test <input type="checkbox"/> Quick scan <input type="checkbox"/> Basic EMC test <input type="checkbox"/> Flash test <input type="checkbox"/> IP test <input checked="" type="checkbox"/>
Test object description.....	Luminaires with LEDs
Trade Mark.....	-
Manufacturer.....	Dutch Elektro B.V.
Model/Type reference.....	see page 3
Ratings.....	-
Number of test objects.....	4
<b>Possible test case verdicts:</b>	
- test case does not apply to the test object...: N/A	
- test object does meet the requirement.....: P(Pass)	
- test object does not meet the requirement...: F(Fail)	
Test program.....	The test object has been submitted to a test program as mentioned on the next page.
<b>Summary of test results:</b>	
Our confined test programme gave rise to the following remarks:	
<p><b>The test results shown in this report relate only to the tests performed according to the test program. The test object has not been submitted to a full test program.</b></p> <p>© Integral publication of this document is allowed.</p>	



**Test program :**  
The following clauses of standards IEC 60598-1 have been checked:

9.2.0	IP2X	Protected against access to hazardous parts with a finger The jointed test finger of 12 mm , 80 mm length, shall have adequate clearance form hazardous parts	<input type="checkbox"/>
9.2.0	IP3X	Protected against access to hazardous parts with a tool The access probe of 2,5 mm shall not penetrate	<input type="checkbox"/>
9.2.0	IP4X	Protected against access to hazardous parts with a wire The access probe of 1,0 mm shall not penetrate	<input type="checkbox"/>
9.2.1	IP5X	Protected against access to hazardous parts with a wire The access probe of 1,0 mm shall not penetrate Dust-protected Ingress of dust is not totally prevented, but dust shall not penetrate in a quantity to interfere with satisfactory operation of the apparatus or to impair safety	<input type="checkbox"/>
9.2.2	IP6X	Protected against access to hazardous parts with a wire The access probe of 1,0 mm shall not penetrate Dust-tight No ingress of dust	<input checked="" type="checkbox"/>
9.2.3	IPX1	Protected against vertically falling water drops Vertically falling drops shall have no harmful effects	<input type="checkbox"/>
9.2.3	IPX2	Protected against vertically falling water drops when enclosure tilted up to 15° Vertically falling drops shall have no harmful effects when the enclosure is tilted at any angle up to 15° on either side of the vertical	<input type="checkbox"/>
9.2.4	IPX3	Protected against spraying water Water sprayed at an angle up to 60° on either side of the vertical shall have no harmful effects	<input type="checkbox"/>
9.2.5	IPX4	Protected against splashing water Water splashed against the enclosure from any direction shall have no harmful effects	<input type="checkbox"/>
9.2.6	IPX5	Protected against water jets Water projected in jets against the enclosure from any direction shall have no harmful effects	<input type="checkbox"/>
9.2.7	IPX6	Protected against powerful water jets Water projected in powerful jets against the enclosure from any direction shall have no harmful effects	<input checked="" type="checkbox"/>
9.2.8	IPX7	Protected against the effects of temporary immersion in water Ingress of water in quantities causing harmful effects shall not be possible when the enclosure is temporarily immersed in water under standardized conditions of pressure and time	<input type="checkbox"/>
9.2.9	IPX8	Protected against the effects of continuous immersion in water Ingress of water in quantities causing harmful effects shall not be possible when the enclosure is continuously Immersed in water under conditions which shall be agreed between manufacturer and user but which are more severe than for numeral 7	<input type="checkbox"/>

Disc WT RE, Disc WT SU, Micro Canal WT, Micro Canal 60 WT,  
Track WT, Track 40 WT, Track 60 WT & LED spot 11 series



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Report No.:2138826.50

**Copy of marking plate or identification photo:**

- 1 x DI/SU/WT
- 1 x DI/RE/WT
- 1 x Track WT 031729
- 1 x LED spot WT



**Test results:**

12	ENDURANCE TEST AND THERMAL TEST	<b>P</b>
12.3	1 x DI/SU/WT 1 x DI/RE/WT 1 x Track WT 031729 1 x LED spot WT	P P P P

Clause	Requirement – Test	Result	Verdict
9	RESISTANCE TO DUST, SOLID OBJECTS AND MOISTURE		<b>P</b>
9.2	Tests for ingress of dust, solid objects and moisture:		P
	- classification according to IP .....	IP 66	—
	- mounting position during test.....	Normal	—
	- fixing screws tightened; torque (Nm) .....	N/A	—
	- electric strength test afterwards		P
	a) no deposit in dust-proof luminaire		N/A
	b) no talcum in dust-tight luminaire		P
	c) no trace of water on current-carrying parts or where it could become a hazard		N/A
	d) i) For luminaires without drain holes – no water entry		P
	d) ii) For luminaires with drain holes – no hazardous water entry		N/A
	e) no water in watertight luminaire		N/A
	f) no contact with live parts (IP 2X)		N/A
	f) no entry into enclosure (IP 3X and IP 4X)		N/A
	f) no contact with live parts (IP3X and IP4X)		N/A
	g) no trace of water on part of lamp requiring protection from splashing water		N/A
	h) no damage of protective shield or glass envelope		N/A