
	Test report n.	151-QL16-R01 ver. 0
	Applicant	LARES di Claudio Leric Regione Viazzi, 6 15010 Castelletto d'Erro (AL)
	EUT/Type	Spot light source SC_02 (IEN 5587)

TEST REPORT Nr. 151-QL16-R01 ver. 0

GENERAL INFORMATION INFORMAZIONI GENERALI	
Addresses Indirizzi	
Applicant Richiedente	LARES di Claudio Leric Regione Viazzi, 6 15010 Castelletto d'Erro (AL)
Manufacturer Produttore	LARES di Claudio Leric Regione Viazzi, 6 15010 Castelletto d'Erro (AL)
Test laboratory Laboratorio di prova	Qualilab s.r.l. Via Trento, 87 25020 – Capriano del Colle (BS)
Dates Date	
Report Date Data preparazione rapporto di prova	01/02/2016
Equipment under test Dispositivo sottoposto a prova	
Equipment under test Dispositivo sottoposto a prova	Spot light source
Type: Modello:	SC_02 IEN 5587
Light source: Sorgente luminosa:	Philips Holland 12V 55W
Multimeter: Multimetro :	DMM Agilent U1253A S/N MY48430011
Date and method of sampling: Data e metodo di campionamento:	Sampling performed by the applicant
Applicable norms Norme applicabili	
	Test performed according to: ECE R 112

The test results and observations indicated in this test report refer exclusively to the samples tested. It is not permitted to transfer the results to other systems or configurations. The publication or duplication of this test report with enclosures, or Part of this test report or enclosures, without a written consent of the test laboratory is not permitted. The test laboratory not assumes any liability to any party for any loss, expense or damage occasioned by the use of this report. Any use of the laboratories name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by the test laboratory. In case of a multilingual test report, the English version is the only official version.

I risultati e le osservazioni indicate in questo rapporto di prova sono riferite esclusivamente ai campioni testati. Non è permesso utilizzare i risultati e le osservazioni di questo rapporto di prova per altri sistemi o configurazioni. Non è permessa la pubblicazione o la duplicazione completa o parziale di questo rapporto di prova e dei suoi allegati senza un consenso scritto da parte del laboratorio di prova. Il laboratorio di prova non si assume responsabilità nei confronti di terzi per danni o eventuali costi derivanti dall'utilizzo dei dati presenti in questo rapporto di prova. Ogni uso del nome del laboratorio di prova e dei suoi marchi per la vendita o per pubblicizzare il prodotto testato deve essere prima approvato in forma scritta dal laboratorio di prova. In caso di rapporti di prova con più lingue, la versione inglese è da considerarsi quella ufficiale.

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TEST AND RESULTS

Test Name	Test Procedure	Test measurement	Result
Illuminance distribution in [lx] at 25m distance	The samples was mounted (with the support provided by the manufacturer) on the goniometer and powered with the constant current of 4,000 A; the illuminance distribution in 25m was measured and the maximum illuminance was determined	$E_{\max} = 149.37 \text{ lx}$ in -0.10° H ; -0.65° V	N/A
Calibration to standard illuminant A	The sample was mounted on the goniometer; the current to emit standard illuminant A in the optical axis was determined	$\text{CCT} = 2.860\text{K}$ $I_{\text{illuminant A}} = 3.443 \text{ A}$	N/A
Illuminance distribution in [lx] at 25m distance at illuminant A	The sample was mounted on the goniometer; the current to emit standard illuminant A was applied, the maximum illuminance was measured	$I_{\text{illuminant A}} = 3.443 \text{ A}$ $E_{\max_A} = 61.45 \text{ lx}$	N/A

STATEMENT

The measured value (y) and the associated expanded uncertainty (U) represent the interval ($y \pm U$) which contains the value of the measured quantity with a probability of approximately 95 % and a coverage factor $k = 2$.


Il valore misurato (y) e l'incertezza estesa associata (U) rappresentano l'intervallo ($y \pm U$) che contiene il valore della quantità misurata con una probabilità di circa il 95% e un fattore di copertura $k=2$.

Measured value in cd and lx $U = \pm 0.027 \cdot y$


Capriano del Colle, 01/02/2016

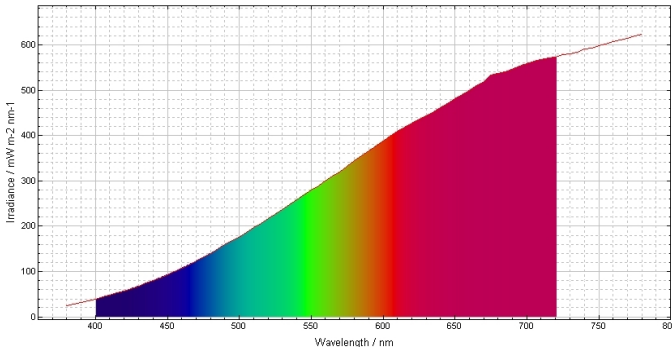




Ing. Carsten Seyring
Testing engineer

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APPENDIX I		SC.02 – illuminance [lx] 25m																																																																																																																											
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APPENDIX II		SC.02 – current for standard illuminant A																																	
Standard	ECE R 112																																		
Sample N°	151-QL16-S01																																		
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Test measurements	<p>The sample was mounted onto the test stand, provided by the manufacturer. The sample was set into the pivot point of the goniometer and the optical axis was installed perpendicular to the spectrometer head.</p> <p>The DMM was connected in series to the bulb circuit to measure the current during the test.</p> <p>The constant current to emit standard illuminant A was determined.</p>																																		
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APPENDIX IV	Photos
 	