



**UL International Italia s.r.l.**  
**Verification Services**

Photometric Test Report

Customer: Nemo Cassina

Order ref.: 6012-001462

Measurement code: B001462F90

Customer code: NUVOLA



Testing was performed in accordance with **EN 13032-1:2005**

**Test type** Intensity distribution

<b>Manufacturer</b>	NEMO CASSINA	<b>Light source type</b>	T5 FLUORESCENT (G5)
<b>Luminaire</b>	NUVOLA	<b>Application type</b>	Indoor
<b>Measurement code</b>	B001462F90	<b>Distribution type (TM-15-11)</b>	NA
<b>Date</b>	27/06/2012	<b>Simmetry</b>	Bi-axial
<b>Total Lamp flux (Lm)</b>	13350	<b>Ambient temperature (°C)</b>	25 +/- 1
<b>Power (W)</b>	162	<b>Air movement</b>	< 0,1 m/s
<b>Lamp efficiency (Lm/W)</b>	82,41	<b>Input voltage AC (V)</b>	230 +/- 0,2%
<b>CCT (K)</b>	NA	<b>Input current AC (A)</b>	0,73
<b>CRI</b>	NA	<b>PFC</b>	-
<b>LOR (%)</b>	96,96	<b>Rated frequency (Hz)</b>	50
<b>Measure method</b>	Goniophotometer	<b>Stabilization time (mins)</b>	45
<b>Photometric measure</b>	Relative	<b>Operating position</b>	Suspended

**Description** Linear fluorescent 3x54W G5 suspended luminaire with white opal diffuser. Electronic ballast inside the luminaire. Uplight and downlight emission.

**Lamp used** Osram FQ 54W/830 HO LUMILUX WARM WHITE

**Luminaire driver** Tridonic PC 2/54 T5 PRO digital ballast

**Pictures**



Prepared by [Photometric Engineer]

Approved by [Laboratory Manager]



### Laboratory equipment used

**Goniophotometer** LSI 6440T mirror  
**Integrating sphere** -  
**AC power supply** Elgar CW1251  
**DC power supply** -  
**Power meter** Yokogawa WT210

**Laboratory manager** Walter Parmiani  
**Operator** Giovanni Di Martino

### Attachments

Report summary ☒  
Polar diagram ☒  
Intensity table ☐  
Chromaticity coords ☐  
Spectral power table ☐  
Zonal flux diagram ☐  
Isolux ☐  
Luminance diagram ☐  
VCP table ☐  
Utilization factor table ☐  
BUG table ☐  
Eulumdat file ☒  
IES file ☐

### Notes

Other relevant standards: EN 13032-2

48hrs pre-burning time was made prior measurement.

Bare Lamp(s) flux measurement was made to get  
LOR values.

Luminous area: [mm] 870x1500

This report pertains only the sample tested and  
the data shown is valid only for the test procedure  
described on it.

Prepared by [Photometric Engineer]

Approved by [Laboratory Manager]

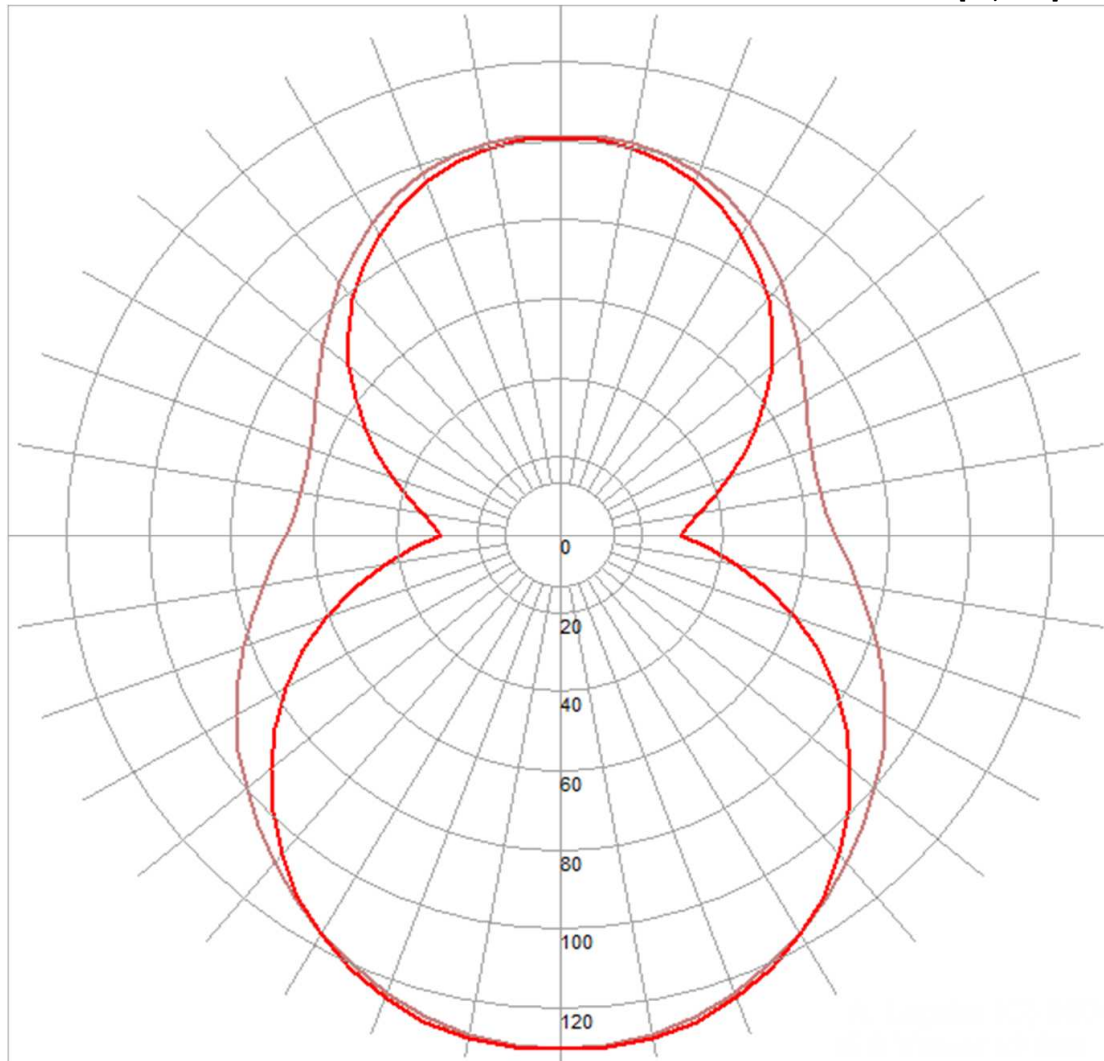


LOR: 96,96%

Measured FWHM: not available

**Polar diagram**

[cd/Klm]



C 0 - 180 ————  
C 90 - 270 ————