



Quality Manual		Version:	1.0	1/3
Author:	NHo	Date:	09.08.2021	
		Code:	LGR ETA-21/0677 of 09.08.2021	
Verified:	PVi	Approval:	JHo	

**DECLARATION OF PERFORMANCE
No . LGR ETA-21/0677 of 09.08.2021**

1. Unique identification code of the product-type:

Balcony and Terrace glazing system without vertical frames

Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):

**LUMON®Glazing Retractable Standard Lift Handle
LUMON®Glazing Retractable Standard Handle
LUMON®Glazing Retractable Strong Lift Handle
LUMON®Glazing Retractable Strong Handle
LUMON®Glazing Retractable Strong Low Threshold Handle**

2. Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer:

Balcony and Terrace glazing systems

3. Name, registered trade name or registered trademark and contact address of the manufacturer as required pursuant to Article 11(5):

**Lumon Oy, Kaitilankatu 11, 45130 Kouvola
www.lumon.com**

5. System or systems of assessment and verification of constancy of the construction product as set out in annex V:

AVCP -class 3

- 6b. European Assessment Document: EAD 020002-00-0404 January 2016

European Technical Assessment: ETA 21/0677 of 09/08/2021

Technical Assessment Body: Eurofins Expert Services Oy

7. Declared performance:

Hygiene, health and the environment:

Ventilation and dampness	Gaps 2-3 mm between glass panes assures ventilation, which reduces the risk of dampness or condensation.
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Safety and accessibility in use: Resistance to wind load. EN 12211

	Max. Pane height [mm]	Max. Pane width [mm]	Thickness of glass [mm]	Max test pressure inward (+) Pa	Max test pressure outward (-) Pa	Pressure P3 estimated Pa
Lumon®Glazing Retractable Standard Lift Handle	2063	1000	6	700	700	700
	2363	1000	8	1000	900	900
	1663	1000	10	3500	4300	3500
	2863	650	10	1200	1200	1200
Lumon®Glazing Retractable Standard Handle	2063	1000	6	800	700	700
	2363	1000	8	900	1100	900
	1663	1000	10	3100	4100	3100
	2863	650	10	1100	1200	1100
Lumon®Glazing Retractable Strong Lift Handle	2360	1000	8	1200	1200	1200
	2860	1000	10	1200	1100	1100
	1660	1000	12	4100	5300	4100
	2860	800	12	1700	1700	1700
Lumon®Glazing Retractable Strong Handle	2360	1000	8	1100	1200	1100
	2860	1000	10	1200	1200	1200
	1660	1000	12	4000	5000	4000
	2860	800	12	1800	1800	1800
Lumon®Glazing Retractable Strong Low Threshold Handle	2377	665	8	1300	1300	1300
	2877	665	10	1200	1100	1100
	1677	665	12	5000	4800	4800
	2877	665	12	1700	1700	1700

Safety in use: Impact resistance of Lumon®Glazing Retractable. Impact from indoors and outdoors.

	Glass pane thickness [mm]	Drop height [mm]	Class according to EN 13049
Lumon®Glazing Retractable Standard Lift Handle	8	450	3
	10	450	3
Lumon®Glazing Retractable Standard Handle	8	200	1
	10	450	3
Lumon®Glazing Retractable Strong Lift Handle	8	450	3
	10	450	3
	12	900	4
Lumon®Glazing Retractable Strong Handle	8	200	1
	10	450	3
	12	450	3
Lumon®Glazing Retractable Strong Low Threshold Handle without lock in the middle	8	200	1
	10	450	3
	12	450	3
Lumon®Glazing Retractable Strong Low Threshold Handle with lock in the middle	8	200	1
	10	200	1
	12	200	1

Durability

Plastic parts UV-ageing and heat testing 1000 h, ISO 4892-2	No influence on performance.
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Corrosion resistance

Metallic parts	At least moderate corrosion resistance in mild environments.
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Properties of panes

Resistance to racking	NPD
Resistance to static torsion	NPD


Protection against noise

Airborne sound insulation	NPD
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8. DoP available: on request

Signed for and on behalf of the manufacturer by:

Kouvola 30.08.2021



Jussi Kinnunen

CEO