

DECLARATION OF PERFORMANCE

DoP-Nr.: fu-4000



Identification code of product:	Lichtkuppel fumilux 4000
Intended use:	Individual rooflights for use in flat or inclined roofs of buildings
Manufacturer:	ESSERTEC GmbH, Berghäuschensweg 77, 41464 Neuss
Authorized representative:	-
System:	3
Technical specification:	EN 1873:2014
Notified body:	ITB, ift

Nominal Size	Resistance to upward loads UL [N/m ²]	Resistance to downward loads DL [N/m ²]	Air permeability	Water tightness
100x100	1500	1500	NPD	Bestanden
100x150	1500	1300	NPD	Bestanden
100x200	1000	800	NPD	Bestanden
100x240	1000	750	NPD	Bestanden
100x250	1000	700	NPD	Bestanden
120x120	1500	1600	NPD	Bestanden
120x150	1500	1600	NPD	Bestanden
120x180	1000	2000	NPD	Bestanden
120x240	1000	1500	NPD	Bestanden
120x250	1000	1100	NPD	Bestanden
120x270	1000	700	NPD	Bestanden
125x125	1000	1600	NPD	Bestanden
125x250	1000	600	NPD	Bestanden
150x150	1500	1000	NPD	Bestanden
150x180	1000	1000	NPD	Bestanden
150x210	1000	800	NPD	Bestanden
150x240	1000	600	NPD	Bestanden
150x250	1000	500	NPD	Bestanden
150x270	1000	500	NPD	Bestanden
180x180	1000	700	NPD	Bestanden
180x240	1000	600	NPD	Bestanden
180x250	1000	500	NPD	Bestanden
180x270	1000	400	NPD	Bestanden
200x200	1000	600	NPD	Bestanden

LEISTUNGSERKLÄRUNG

Glazing				Reaction to fire	Resistance to fire	External fire performance	Impact resistance to small hard body	Impact resistance to large soft body	Thermal transmittance	Airborne sound insulation	Light transmission	Durability
Outer skin	Skin 2	Skin 3	Skin 4									
PMMA opal	PMMA opal	none	none	E	NPD	NPD	NPD	NPD	2,7	20	77	NPD
PMMA opal	PMMA opal	PMMA opal	none	E	NPD	NPD	NPD	NPD	1,8	22	68	NPD
PMMA opal	PMMA clear	PMMA clear	PMMA opal	E	NPD	NPD	NPD	NPD	1,5	22	59	NPD
PMMA clear	PMMA clear	none	none	E	NPD	NPD	NPD	NPD	2,7	20	84	NPD
PMMA clear	PMMA clear	PMMA clear	none	E	NPD	NPD	NPD	NPD	1,8	22	77	NPD
PMMA clear	PMMA clear	PMMA clear	PMMA clear	E	NPD	NPD	NPD	NPD	1,5	22	71	NPD
PMMA weiß	PMMA schwarz	none	none	E	NPD	NPD	NPD	NPD	2,7	20	0	NPD
PMMA weiß	PMMA opal	PMMA schwarz	none	E	NPD	NPD	NPD	NPD	1,8	22	0	NPD
PMMA weiß	PMMA opal	PMMA opal	PMMA schwarz	E	NPD	NPD	NPD	NPD	1,5	22	0	NPD
PETG UV HT opal	PMMA opal	none	none	E	NPD	NPD	NPD	NPD	2,7	20	64	NPD
PETG UV HT opal	PMMA opal	PMMA opal	none	E	NPD	NPD	NPD	NPD	1,8	22	56	NPD
PETG UV HT opal	PMMA clear	PMMA clear	PMMA opal	E	NPD	NPD	NPD	NPD	1,5	22	54	NPD
PC UV opal	PMMA opal	none	none	E	NPD	NPD	NPD	NPD	2,7	20	50	NPD
PC UV opal	PMMA opal	PMMA opal	none	E	NPD	NPD	NPD	NPD	1,8	22	44	NPD
PC UV opal	PMMA clear	PMMA clear	PMMA opal	E	NPD	NPD	NPD	NPD	1,5	22	42	NPD
PMMA clear	PC S6P clear	PC S6P clear	none	E	NPD	NPD	NPD	NPD	0,83	27	29	NPD
PMMA opal	PC S6P clear	PC S6P clear	none	E	NPD	NPD	NPD	NPD	0,83	27	25	NPD

Declaration:

The performance of the product identified by the code above is in conformity with the declared performance. The declaration is issued under the sole responsibility of the manufacturer.

Signed for and on behalf of the manufacturer by:



Klaus Delfino, Head of Quality Management
Neuss, 25.11.2015