



CLEAN II industry
PURE LIGHT YOU CAN RELY ON



RESISTANT

Hygienic design for the challenges of industrial cleanrooms.
CLEAN II industry provides light for demanding visual tasks in the
food industry, commercial and industrial kitchens, pharmaceutical
production facilities, laboratories, and industrial cleanrooms.
The luminaire cover combines hygiene with high quality illumination.
Resistant to chemicals and heat.

Produced with attention to the
DIN EN ISO 14644-1 standard and
GMP regulations.







1

Brackets for NIV-Set

2

Foam seal to protect the luminaire from the ingress of water, steam and cleaning agents

3

Powder-coated steel housing, resistant to corrosive cleaning agents

4

Spring clip system for securing the cover

5

High-quality LEDs based on a ceramic chip for excellent thermal management

6

Thermoformed PMMA cover, developed in accordance with GMP guidelines for hygiene

DURABLE

The high-quality PMMA cover is precisely thermoformed to create an impermeable joint between it and the steel housing. This makes the luminaire resistant to heat and to alkaline and chemical solutions. Thanks to its IP65 protection rating, dust, water and steam cannot penetrate. The round corners and smooth surfaces can be quickly and easily cleaned.

PMMA: IN BRIEF

Polymethyl methacrylate (PMMA), also known as acrylic glass, is a synthetic plastic that is used as a substitute for glass. Our PMMA is specially formulated to meet requirements for optical quality, homogeneity and specific surface properties. The material is carefully shaped during the thermoforming process to provide a perfect fit with the luminaire's spring system. This makes the PMMA cover extra resistant to dust, water and certain corrosive chemicals used in many cleanrooms and because PMMA does not contain any toxic substances, it is also ideally suited for use in the food industry.

THE ADVANTAGES AT A GLANCE

- Excellent optical light distribution
- Resistant to many chemicals
- Smooth surface
- Fully recyclable





industry

RECESSED LUMINAIRE



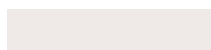
Quadratic:



Lumen package: 4600 lm, 5600 lm, 6200 lm

Dimensions: M600Q 598 x 598 x 80 mm
M625Q 623 x 623 x 80 mm

Linear:



Lumen package: 4600 lm, 5400 lm, 6200 lm

Dimensions: M600L 1198 x 298 x 80 mm
M625L 1248 x 311 x 80 mm

Impact resistance:

IK03

Degree of protection:

IP65 (IP50 from above)

Housing material:

Powder-coated sheet steel

Cover material:

PMMA (polymethyl methacrylate)

Colour rendering CRI:

Ra 80, Ra 90

Light distribution:

Symmetrical (opal optic)

Colour temperature:

3000K, 4000K, 6000K

Control/lighting management:

DALI dimmable (LDO), bmLINK,
Bluetooth® Control (BC)

Emergency lighting:

E3D, central battery supply

supreme *

RECESSED LUMINAIRE

RECESSED TOP-MOUNTING
LUMINAIRE

SURFACE-MOUNTED
LUMINAIRE



4600 lm, 6600 lm

M600Q 598 x 598 x 75 mm
M625Q 623 x 623 x 75 mm

4600 lm, 6600 lm

M600Q 598 x 598 x 75 mm
M625Q 623 x 623 x 75 mm

4600 lm, 6600 lm

Q610 609 x 609 x 57 mm

6200 lm, 6600 lm

M600L 1198 x 298 x 75 mm
M625L 1248 x 311 x 75 mm

6200 lm, 6600 lm

M600L 1198 x 298 x 75 mm
M625L 1248 x 311 x 75 mm

6600 lm, 8000 lm, 10000 lm

L1250: 1249 x 349 x 57 mm
L1550: 1549 x 349 x 57 mm

IK07

IP65 (IP50 or IP54 from behind for recessed luminaires)

Powder-coated sheet steel

Tempered safety glass

Ra 80, Ra 90

Symmetrical, asymmetrical (green, blue, white)

3000K, 4000K
tunableWhite (2700K to 6500K)

DALI dimmable (LDO), bmLINK,
Bluetooth® Control (BC)

E3D, central battery supply

* High hygiene requirements, different light colours for specific tasks, space-saving.
CLEAN II supreme meets these requirements. The cleanroom luminaire has been designed in accordance with strict hygiene principles, meets all legal requirements and is highly efficient. The result is effective lighting for all visual tasks in the cleanroom. Form follows function.

T H E L I G H T



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