

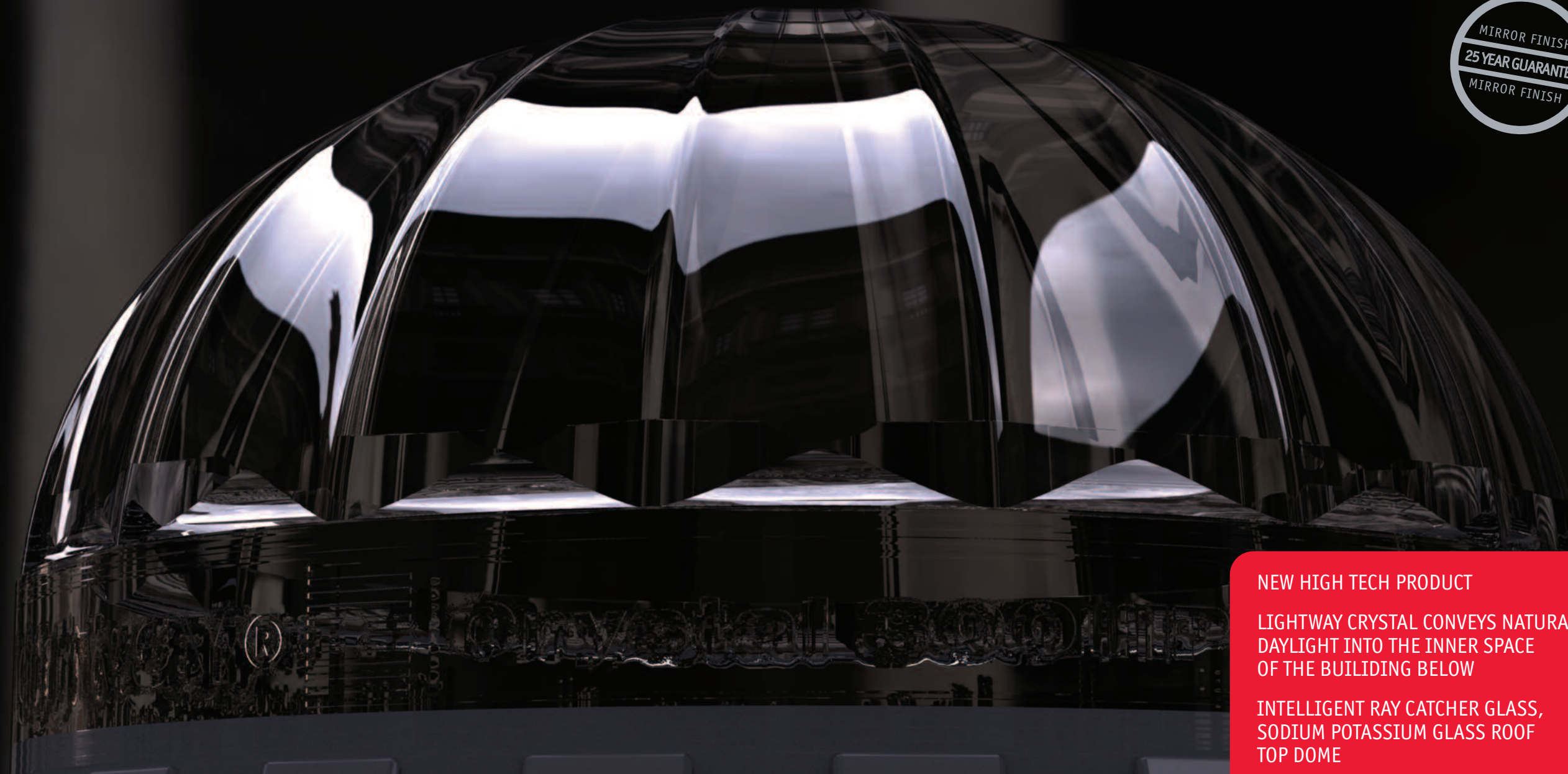
Novelty Crystal Light diffuser



Made of sodium potassium glass with a unique antireflective layer preventing the reverse reflectance into the tube. In comparison with the plastic diffusers it has an unrivalled ability to let the light in, intensify, direct and evenly diffuse daylight without affecting the healthy, colour light spectrum. Fire resistance is not a less important factor. Aesthetic effect and material value of the diffuser was particularly observed during the development.



CRYSTAL
200, 300, 400 HP



NEW HIGH TECH PRODUCT

LIGHTWAY CRYSTAL CONVEYS NATURAL DAYLIGHT INTO THE INNER SPACE OF THE BUILDING BELOW

INTELLIGENT RAY CATCHER GLASS, SODIUM POTASSIUM GLASS ROOF TOP DOME

GLASS CEILING DIFFUSER WITH AN ANTIREFLECTIVE LAYER

IT SUBSTITUTES COMMON SKYLIGHTS WITH THE DIAMETER OF 300 - 500 MM

THE PRODUCTION PROGRAM OF LIGHTWAY TUBULAR SKYLIGHTS
LIGHTWAY CRYSTAL 200 HP, 300 HP, 400 HP
LIGHTWAY SILVER 600, 800, 900

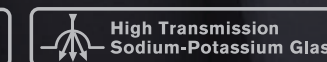


www.lightway.cz
www.lightway.eu.com

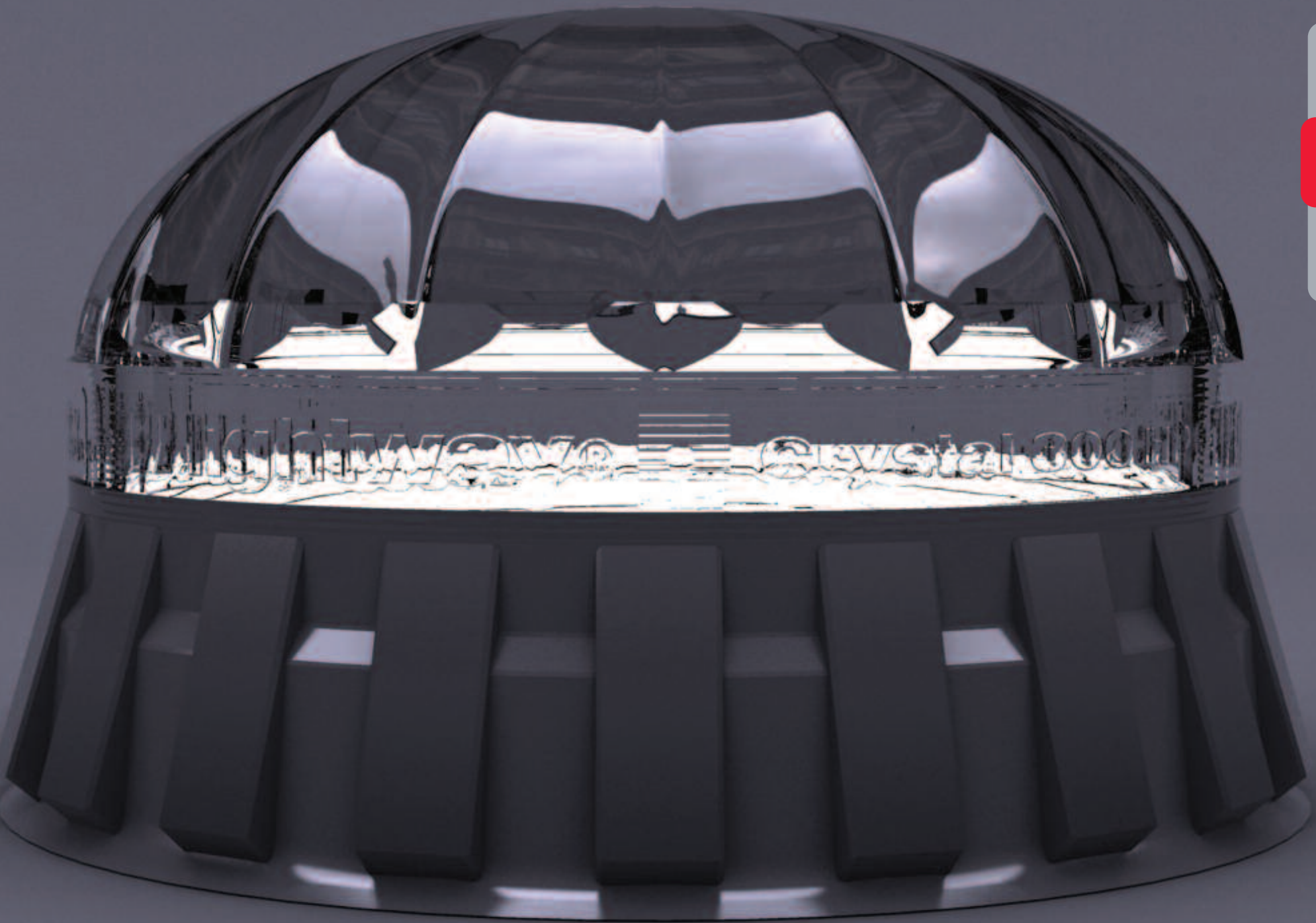
LIGHTWAY s.r.o.
The manufacturer of Lightway tubular skylights
Za Humny 4a, 161 00 Prague 6, Czech republic
tel.: +420.235 300 694
fax: +420.235 300 218
info@lightway.cz

10 year guarantee for the product,
25 year guarantee for the unchangeability of the reflective surface

iRCG | Intelligent Ray
Catcher Glass



LIGHTWAY CRYSTAL 200 HP, 300 HP AND 400 HP IS A COMPLETELY NEW, UNIQUE CATEGORY IN THE FIELD OF TUBULAR SKYLIGHTS. IT IS ABLE TO SUBSTITUTE COMMON TUBULAR SKYLIGHTS WITH THE DIAMTER OF 300 - 500 MM. REPUTABLE OPTIC LABORATORIES AND SCIENTIFIC WORKING PLACES OF TECHNICAL UNIVERSITIES COOPERATED IN THE DEVELOPMENT OF THE NEW GENERATION OF DAY LIGHTING EQUIPMENT.



Reflectance
of the mirror
finish

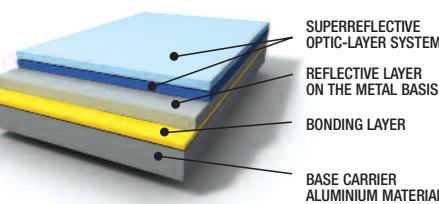
99,8%

in the complete
colour spectrum
of visible radiation

THE TUBULAR SKYLIGHT REFLECTANCE IS 99,8%
AND THE TUBULAR SKYLIGHT MINIMIZES THE DIFFUSION
OF LIGHT RAYS.
THE DIFFUSION ON THE REFLECTANCE IS LESS THAN 4%.

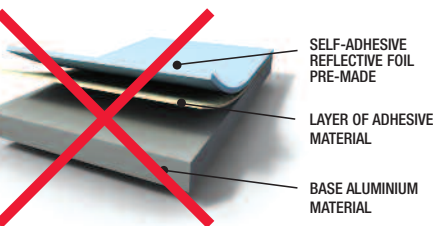
HIGH 25 YEAR GUARANTEE FOR THE LIGHTWAY MIRROR FINISH

CROSS SECTION OF THE REFLECTIVE
METAL SHEET LIGHTWAY SILVER



NEW GENERATION

CROSS SECTION OF THE SHEET METAL WITH
A PRE-MADE SELF-ADHESIVE REFLECTIVE FOIL

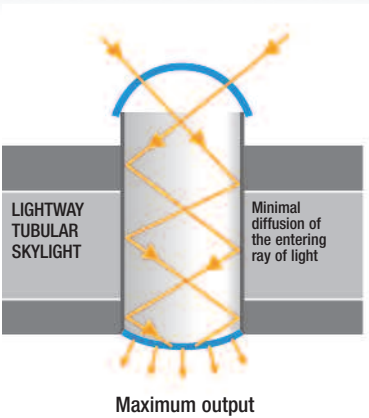


The process of PVD (Physical Vapour Deposition) in vacuum. The result of the unique technology of PVD (Physical Vapour Deposition) process in a vacuum, during which superreflective and reflection-enhancing layers are applied continuously to the base material, is a homogenous, superreflective, flexible, mechanical and chemical resistant surface.

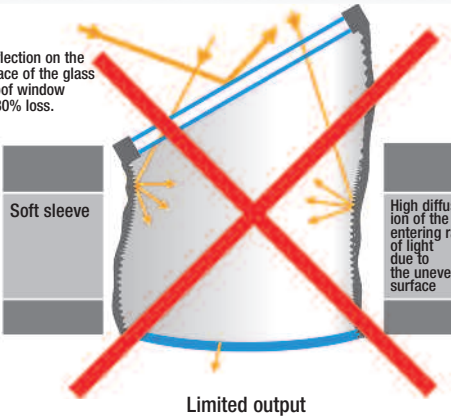
Many types of tubular skylights use the technology of sticking a reflective foil on a aluminium sheet metal because of the cost cutting which brings a high risk of the loss of the adhesion and the damage of the mirror surface.

OVER STANDARD EFFICIENCY IN THE FIELD OF TUBULAR SKYLIGHTS

PIPING AND REFLECTION OF THE RAY OF LIGHT IN
THE TUBE OF THE LIGHTWAY TUBULAR SKYLIGHT.



PIPING AND REFLECTION OF THE RAY OF LIGHT
IN A TUBULAR SKYLIGHT WITH SOFT SLEEVES



Novelty Roof Top Dome Crystal

iRCG | Intelligent Ray
Catcher Glass

The technology of Intelligent Ray Catcher Glass is based on the use of unique sodium potassium glass, antireflective surface and a computer designed shape and structure. The unique ability to catch indirect sun radiation on overcast days and direct the ray flow into the tube guarantees amazing performance under all light conditions. In comparison with plastic materials **iRCG** has a longer lifetime period, colour stability, aggressive atmosphere resistance, selfcleaning ability and fire resistance. **iRCG** is protected by the Organisation of Harmonization in the Internal Market of EU (OHIM).

Lightway provides 300% higher brightness than the skylights using soft sleeves for piping light. To illustrate this point the LIGHTWAY tubular skylight with the diameter 320 mm provides almost twice as much light on average

than skylights with soft sleeves of the diameter 550 mm. The superreflective LIGHTWAY surface has the reflectance of 99,8% and a very low percentage of diffusion of the ray of light on the reflection inside the tubular skylight.