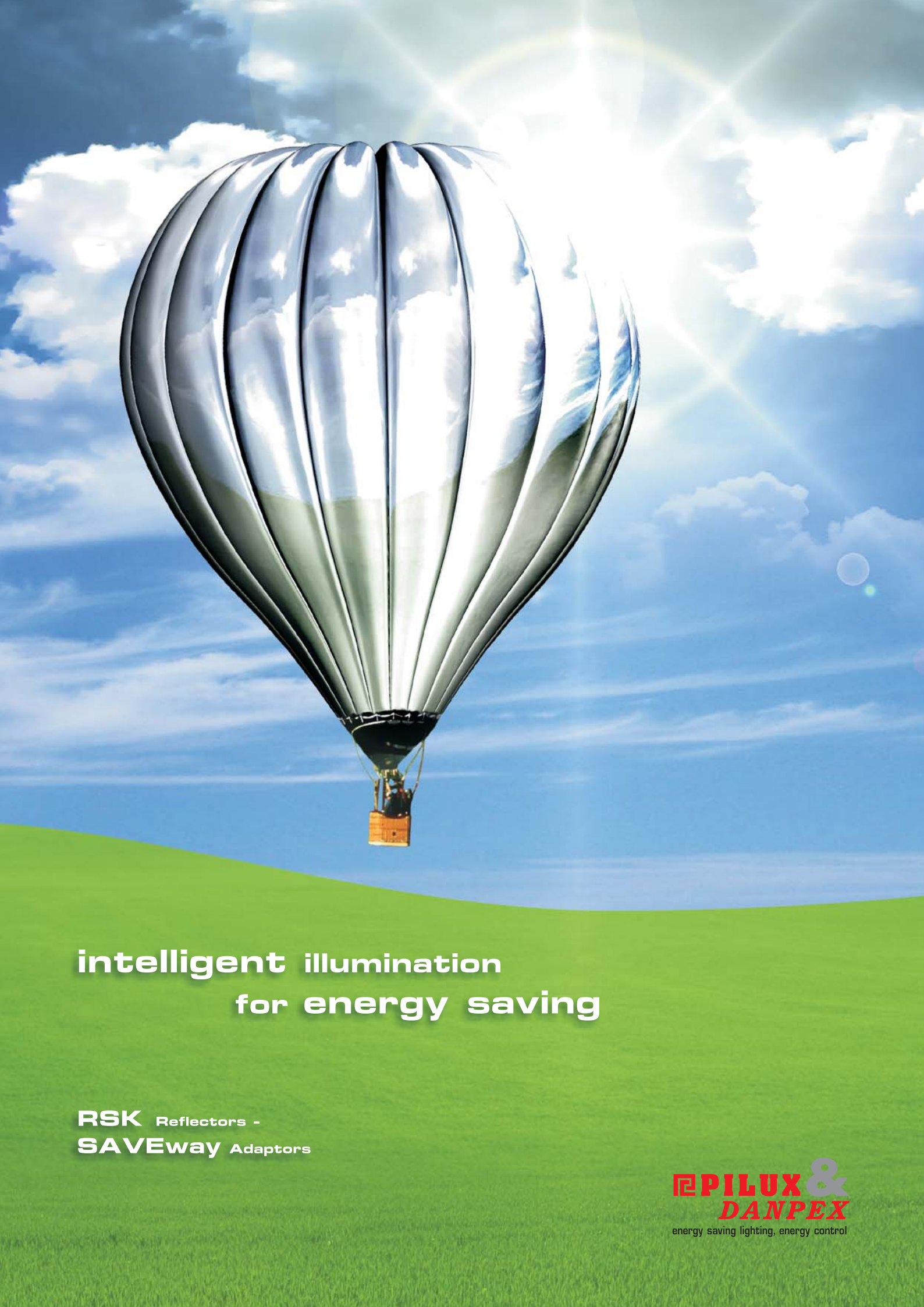


intelligent illumination for energy saving

RSK Reflectors -
SAVEway Adaptors

PILUX & DANPEX
energy saving lighting, energy control

RSK Reflectors

PATENTED

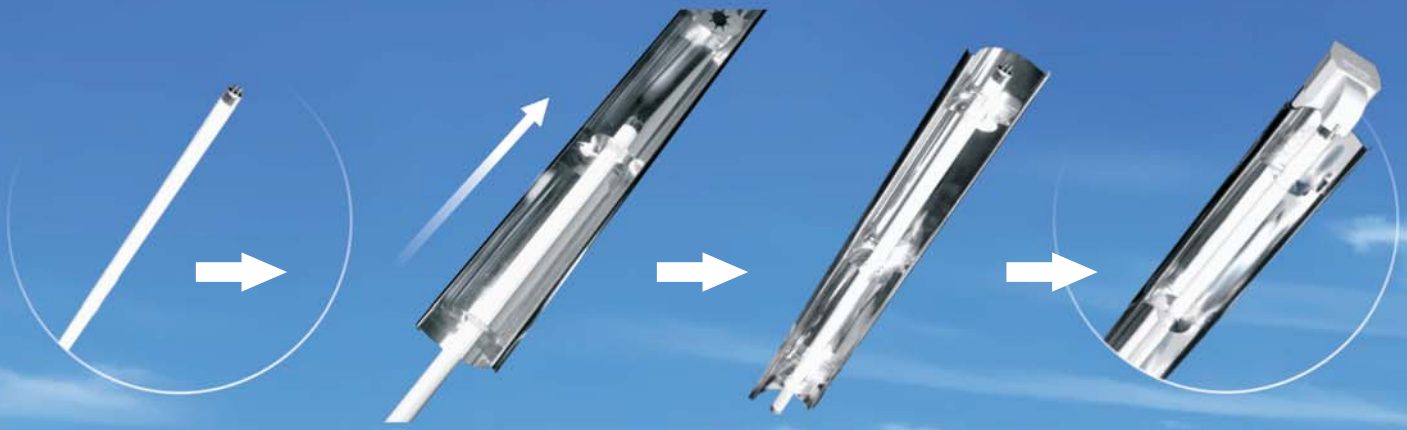
CE

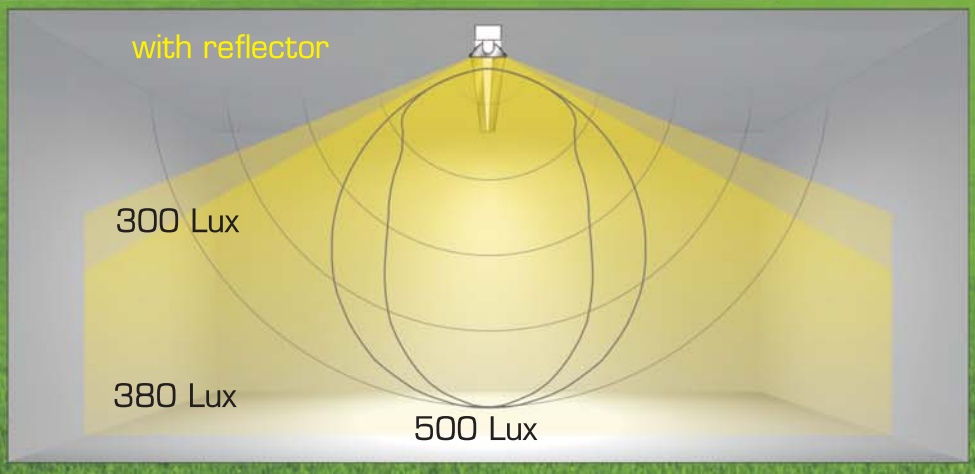
TÜV

RSK
narrow beam

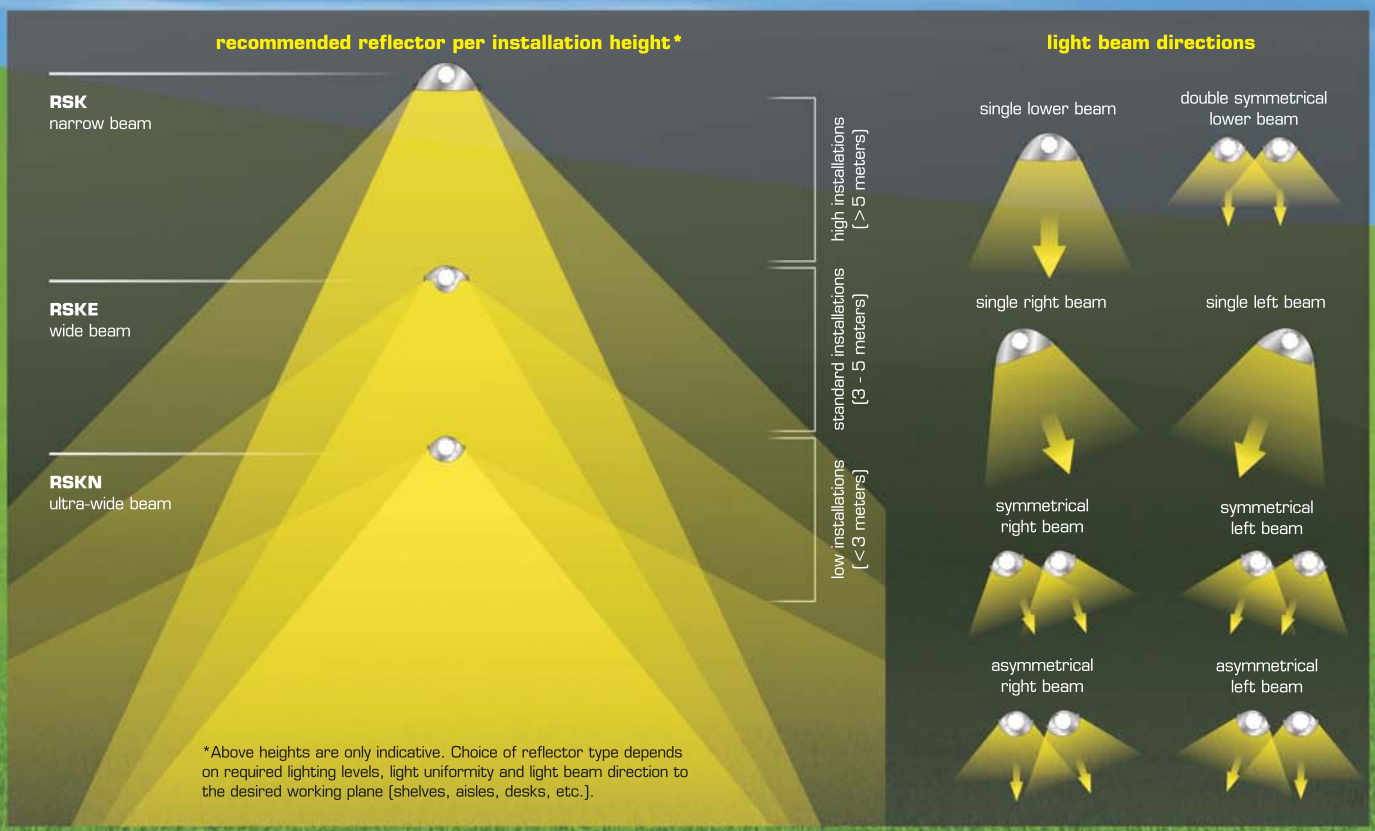
RSKE
wide beam

RSKN
ultra-wide beam





- double light output!
- energy cost savings from 25% to 50%!
- adjustable to all striplight types / brands with easy and rapid fixing onto T5, T8 - even T12 lamps.
- ideal for energy efficient lighting upgrades (retrofit) with a payback period of 12 months and continuous profit thereafter.
- narrow, wide or ultra wide light beam.
- rotation possibility for direction of light beam.
- suitable for retail, warehouse or professional spaces.



SAVEway Adaptors

PATENTED

ÖVE
EMV
CE
IP20

Single

Double

- for additional energy savings up to 40%!
- replacement of T8 or T12 lamps with T5 lamps.
- renowned, ENEC, VDE, EMV marked ballast of at least 100000 hrs life time under an ambient temperature of +65°C.
- warm start ignition for both lamp ends achieves a total lamp service life of 20000 hrs.
- possibility for dimmable or multipower ballast for inventory minimization.
- quick, easy and safe fixing onto batten fittings without rotation of adaptor body.
- adjustment possibility on lampholders of different heights.

- for optimum light performance, RSK-E-N reflectors are recommended for both single and double versions.

SAVEway Adaptors
Special version

for parabolic, opal, prismatic luminaires

for watertight luminaires

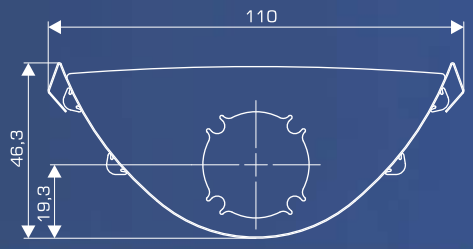
- special version specifically for installation in most existing luminaires (per two lamps) providing significant energy savings.

- for optimum light performance, RSKE or RSKN reflectors are recommended.

General dimensions and types for RSK reflectors and SAVEway adaptors

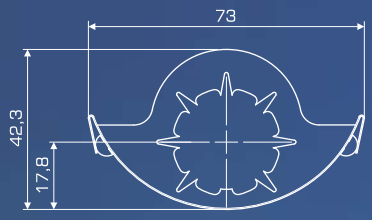
RSK

Code	Type	Length [mm]
For single luminaires with T8 lamps, narrow beam		
N41512	RSK 1x18W T8	575
N41513	RSK 1x30W T8	875
N41514	RSK 1x36W T8	1180
N41515	RSK 1x58W T8	1480
For single luminaires with T5 lamps, narrow beam		
N41532	RSK 1x14W-1x24W T5	535
N41533	RSK 1x21W-1x39W T5	835
N41534	RSK 1x28W-1x54W T5	1130
N41535	RSK 1x35W-1x49W-1x80W T5	1430



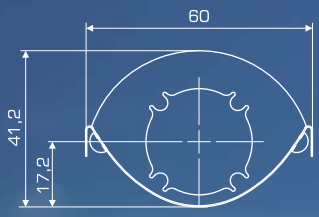
RSKE

Code	Type	Length [mm]
For single and double luminaires with T8 lamps, wide beam		
N41522	RSKE 1x18W T8	575
N41523	RSKE 1x30W T8	875
N41524	RSKE 1x36W T8	1180
N41525	RSKE 1x58W T8	1480
For single and double luminaires with T5 lamps, wide beam		
N41542	RSKE 1x14W-1x24W T5	535
N41543	RSKE 1x21W-1x39W T5	835
N41544	RSKE 1x28W-1x54W T5	1130
N41545	RSKE 1x35W-1x49W-1x80W T5	1430



RSKN

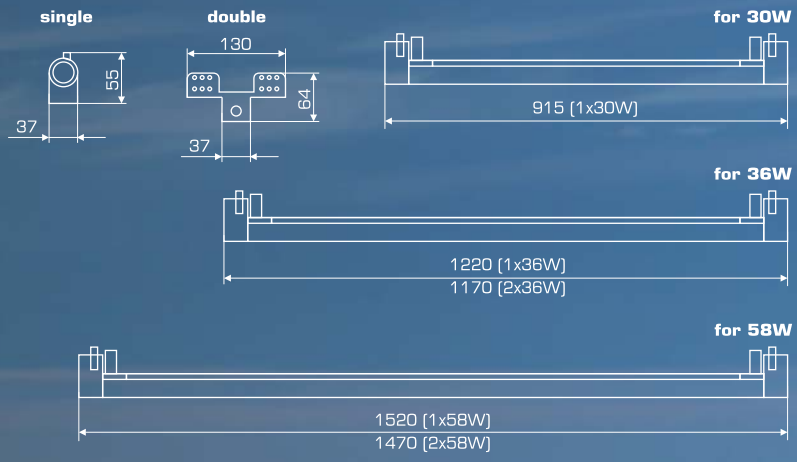
Code	Type	Length [mm]
For single and double luminaires with T8 lamps, ultra-wide beam		
N41822	RSKN 1x18W T8	575
N41823	RSKN 1x30W T8	875
N41824	RSKN 1x36W T8	1180
N41825	RSKN 1x58W T8	1480
For single and double luminaires with T5 lamps, ultra-wide beam		
N41832	RSKN 1x14W-1x24W T5	535
N41833	RSKN 1x21W-1x39W T5	835
N41834	RSKN 1x28W-1x54W T5	1130
N41835	RSKN 1x35W-1x49W-1x80W T5	1430



SAVEway

Adaptor for 1x30W T8	
416533	SW 1x21W T5
416534	SW 1x39W T5
Adaptor for 1x36W T8	
416535	SW 1x28W T5
416536	SW 1x54W T5
Adaptor for 1x58W T8	
416537	SW 1x35W T5
416538	SW 1x49W T5
416539	SW 1x80W T5

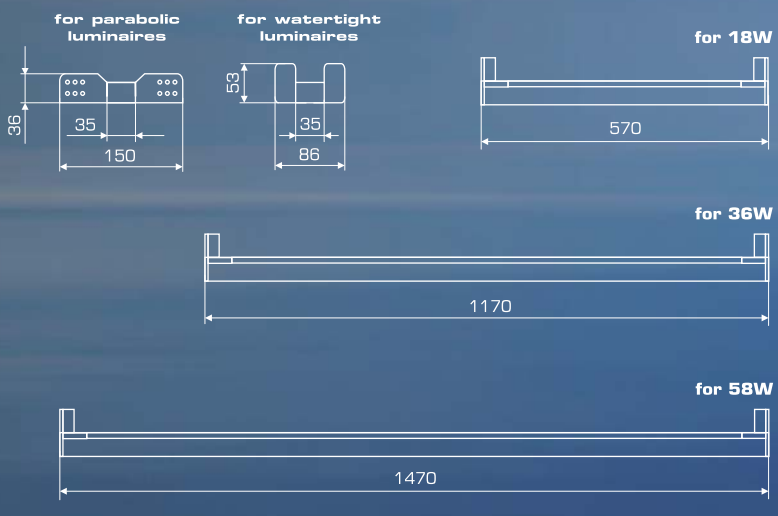
Adaptor for 2x36W T8	
416545	SW 2x28W T5
416546	SW 2x54W T5
Adaptor for 2x58W T8	
416547	SW 2x35W T5
416548	SW 2x49W T5
416549	SW 2x80W T5



SAVEway special version

Adaptor for 2x18W T8	
416571	SWP 2x14W T5
416572	SWP 2x24W T5
Adaptor for 2x36W T8	
416575	SWP 2x28W T5
416576	SWP 2x54W T5
Adaptor for 2x58W T8	
416577	SWP 2x35W T5
416578	SWP 2x49W T5

Adaptor for 2x18W T8	
416581	SWW 2x14W T5
416582	SWW 2x24W T5
Adaptor for 2x36W T8	
416585	SWW 2x28W T5
416586	SWW 2x54W T5
Adaptor for 2x58W T8	
416587	SWW 2x35W T5
416588	SWW 2x49W T5



Frequently Asked Questions about RSK reflectors

1] What is the type and the properties of the material used?
The material used is a multi-layer film made of a synthetic substrate that is coated with a catoptrical aluminum surface, through PVD technology (Physical Vapor Deposition). A second protective transparent film covers the outer surface, making the reflector resistant to oxidation and scratching:

Heat resistance from -196°C until 130°C
Flammability: UL94 VTM-2
UL listed material (USA Laboratories)

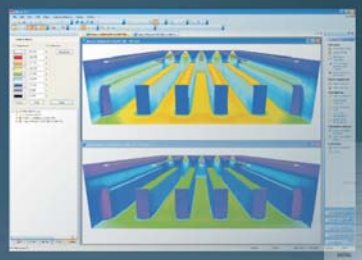
2] What is the reflectance? The respective LOR (Light Output Ratio)?
The reflectance is 85% which is the same compared to the most commonly used aluminum reflectors. Most importantly, however, is the LOR which ranges between 85% and 95%. The benefit is 50% to 100% increased light output at the working plane, which is mainly due to the reflector's parabolic shape and ideal placement in relation to the lamp. Superb efficiency is offered, leading to fewer required luminaries per application and respective energy savings from 25% to 50%.

3] What are the benefits of RSK compared to aluminum reflectors?
They are much more cost effective! They offer wide applicability for any luminaire type, anti-corrosion durability, easy handling because of their light weight and flexibility without permanent deformation from accidental strains. RSK reflector material is not subject to iridescence due to refraction and therefore the CRI (Color Rendering Index) is not affected.

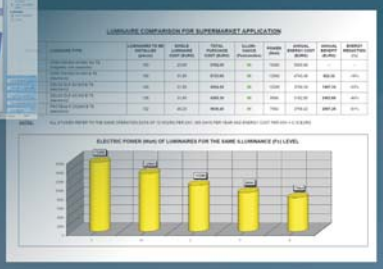
4] Can the reflector be easily cleaned (maintenance)?
Yes! Reflector must first be detached from the luminaire and the fluorescent lamp. It can be cleaned using a soft cotton cloth or one made of electrostatic super volume fibres. Their whole body can be washed in water - detergent solution and rinsed with tap water.

5] What about flammability?
RSK reflectors do not come into contact with interior electrical parts because they are always installed on the outer part of the luminaire. Still, their material is UL listed according to UL94 VTM-2 and is heat resistant up to 130°C.

Lighting Software + financial / technical studies



Lighting Software assisted comparisons (DIALux) allow the end user to evaluate photometric data such as light efficiency, distribution curves, glare and uniformity, elements which make up the real value of each reflector and / or adaptor.



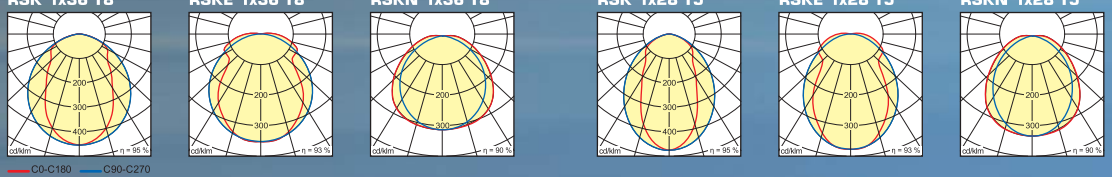
In terms of payback period, an evaluation of total ownership cost is offered:

- Initial purchase
- Installation
- Maintenance
- Energy (usually 95% of the total lifetime cost)

The financial and technical study is a reliable tool that offers valuable information about the most energy saving solution to be selected.

Light distribution curves

for single lamp



for double lamp