

saving energy doesn't have to cost the earth"

ecoBright® RSK™ Reflectors

Technical Information



Description: The *ecoBright*° *RSK*[™] *Reflector* is a specular parabolic reflector that can be retrofit mounted onto linear fluorescent lamps to produce a narrow, wide or ultra-wide light beam and adjustable direction.

Types & Applications: Three types of reflectors exist to be used in conjunction with linear fluorescent lamps:

Reflector Name	Feature	Application	
ecoBright® RSK™ Reflector	narrow beam	for T5 & T8 lamps for installations at heights greater than 5m	
ecoBright® RSK-E™ Reflector	wide beam	for T5 & T8 lamps for installations at heights greater than 3 - 5m	
ecoBright® RSK-N™ Reflector	ultra-wide beam	for T5 & T8 lamps for installations at heights less than 3m	

Materials: Manufactured from synthetic multi-layered material with specular aluminium coating of high purity (99.9%) through PVD (Physical Vapour Deposition) technology. A second protective transparent film covers the outer surface making the reflector resistant to oxidation and scratching.

Reflectivity: The reflectance is 85%.

Light Output Ratio: LOR is between 85-95%.

Effect on CRI: Not subject to iridescence due to refraction that arises from surface corrosion and therefore it does not affect the Colour Rendering Index (CRI).

Reflector Weight: Very lightweight, 50% lighter than aluminium and 85% lighter than iron sheet.

Dimensions:

Туре	Length (mm)	Туре	Length
T8 x 18W	580	T5 x 14W	540
T8 x 36W	1180	T5 x 28W	1140
T8 x 58W	1480	T5 x 35W	1440

Made in the European Union to ISO9001 standards

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Metrics:

- Dimensional stability under pressure 240°C
- Dimensional stability under tension 240°C
- Continuous heat resistance 130°C
- Low temperature resistance
- Flammability
- Glow wire test
- UL listed material

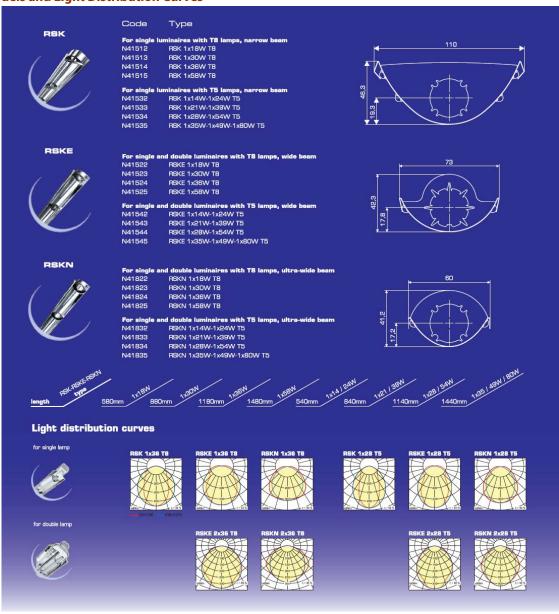
-196°C

UL94 VTM-2

750°C

Yes

Models and Light Distribution Curves



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