NORDEON

New. Innovative. And yet experienced.

Nordeon is a new, innovative European manufacturer of LED luminaires and lamps with over 60 years of experience. Nordeon was founded in October 2012 with the acquisition of the Philips development and manufacturing facility in Springe, Germany and expanded in December 2012 by the acquisition of the Philips production site for fluorescent lamps in Chalon sur Saône, France.
We combine the experience of professional engineering of LED luminaires with the speed and flexibility of a newcomer. We have one of the largest LED manufacturing facilities in Europe, with latest industrial equipment and lean production processes. We strive to achieve high energy savings for our customers by rethinking the way lighting products are developed, produced, and sold. Our mission is two years payback time, always with German Quality!

Nordeon. A member of the Nordeon Group

Nordeon LED luminaire development and manufacturing site in Springe, Germany

Nordeon lamp production site in Chalon sur Saône, France

NORDEON

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NORDEON

Designed to...

THOR

LED highbay luminaire

The data used in this publication are not binding and may change due to technical developments.

tacke-marketing.de 03/14

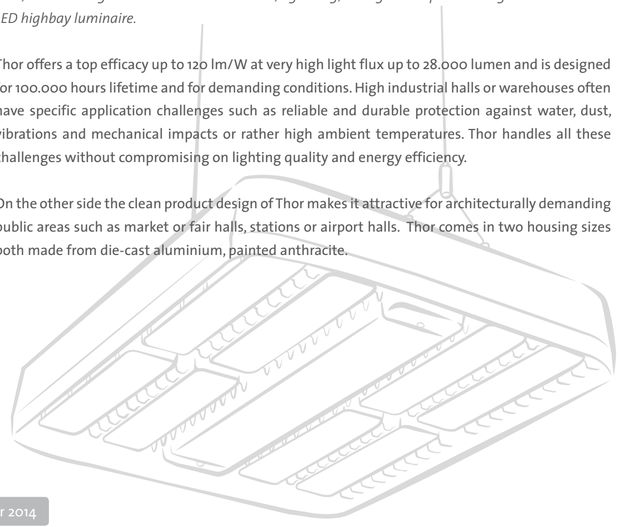
Made in Germany

Thor LED highbay luminaire - breakthrough in efficiency and lifetime

Thor, the Nordic god associated with thunder, lightning, strength and protection gives name to our LED highbay luminaire.

Thor offers a top efficacy up to 120 lm/W at very high light flux up to 28.000 lumen and is designed for 100.000 hours lifetime and for demanding conditions. High industrial halls or warehouses often have specific application challenges such as reliable and durable protection against water, dust, vibrations and mechanical impacts or rather high ambient temperatures. Thor handles all these challenges without compromising on lighting quality and energy efficiency.

On the other side the clean product design of Thor makes it attractive for architecturally demanding public areas such as market or fair halls, stations or airport halls. Thor comes in two housing sizes both made from die-cast aluminium, painted anthracite.



Available 3rd quarter 2014

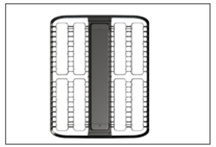
Thor LED highbay luminaire - 2 years payback time

Thor is designed for 2 years payback time and 100.000 hours lifetime. Its revolutionary thermal design and its high efficacy, up to 120 lm/W, makes it possible.

Housing for up to 28.000 lm

Housing for up to 28.000 lm

Revolutionary thermal design, 45% more efficient

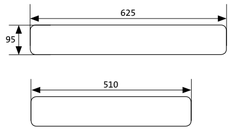


High efficient LED modules with efficacy up to 135 lm/W

Specifications

Luminous efficacy (lm/W)	up to 120 lm/W (6500 K, WB)
LED module	16 high power quality LEDs per module, with module efficacy of up to 135 lm/W
Lifetime	100.000 hours at flux decrease of 30%
Light color and CRI	4000 K (CRI 80), 6500K (CRI 70)
Optics	dedicated PMMA lens optics for narrow and medium beam light distribution with adequate glare control
Luminous flux (luminaire)	28.000 lm (8 compartments) or 10.000 lm, 14.000 lm (4 compartments)
Ceiling fixation	for suspension with steel cables or chains or direct mounting to ceiling
Material and color	die-cast aluminium, painted anthracite
Certificates	CE; ENEC
Protection class	I
Protection code	IP66
Impact resistance	IK08
Ambient temperature	-35 degree C up to 45 degree C
Weight	approx. 12,5 kg (big housing)

Integrated lighting controls and emergency lighting available

Dimensions

Big housing
(up to 28.000 lm)