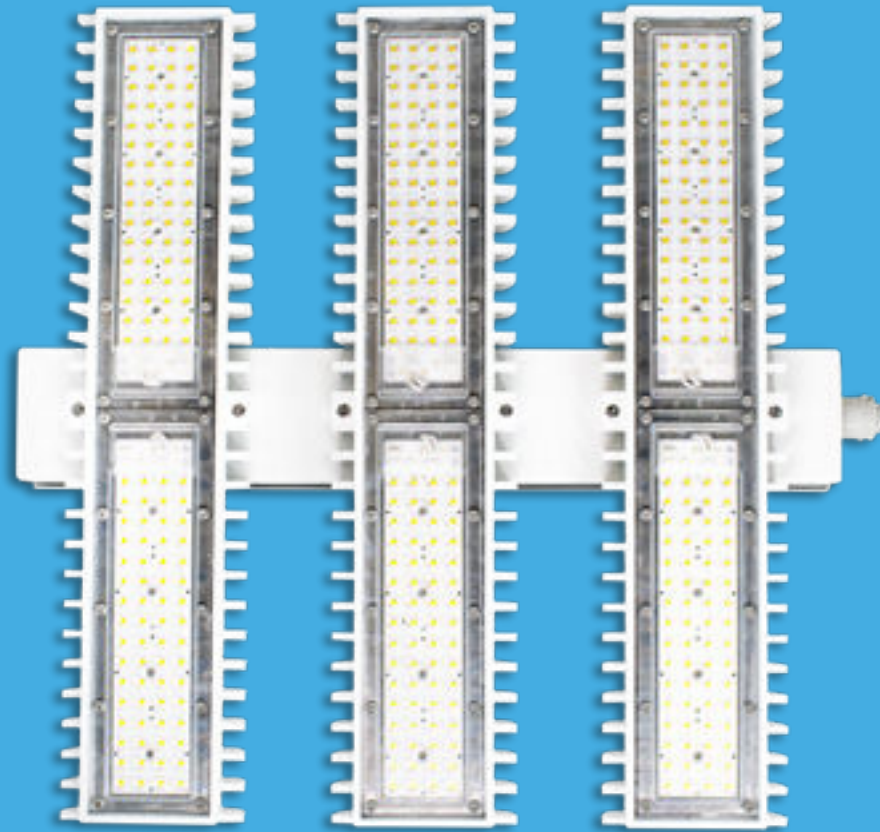




TORNADO OASI

Caratteristiche



Born from the specific demands of the market, TORNADO guarantees maximum versatility in every installation environment. The modules made with an innovative anodized aluminum alloy and subsequently powder painted to provide high resistance to atmospheric agents and UV rays allow high thermal dissipation and maximum cooling of the LED modules, so as to be able to achieve performance and efficiencies superior. The design of TORNADO has been specifically studied to guarantee high cleanliness of the appliance, the finned shape of the modules allows water and dirt to flow away, avoiding the formation of deposits which would significantly reduce the performance of the appliance.

Power supply compartment designed to guarantee IP65 protection together with excellent thermal dissipation. Isolated from the LED modules and related heat sinks to optimize thermal performance and simplify maintenance interventions.

Main characteristics of the power supplies:

- Wide Input Range 100-305V AC (Class I)
- IP67 protection rating
- Surge protection 6KV/4KV

Quick and simple installation, via eyelet system or rotatable brackets in AISI 304L steel which guarantee perfect positioning of the luminaire in both suspended and ceiling-mounted installations. Power is guaranteed through an IP65 quick-fit male connector (3 poles for the on-off version and 5 poles for the DALI version) both complete with safety collar. The use of quick connectors allows, in addition to reducing installation times, also to avoid possible faults or accidental tampering due to the opening of the power supply compartment by unqualified personnel. Female connector supplied.

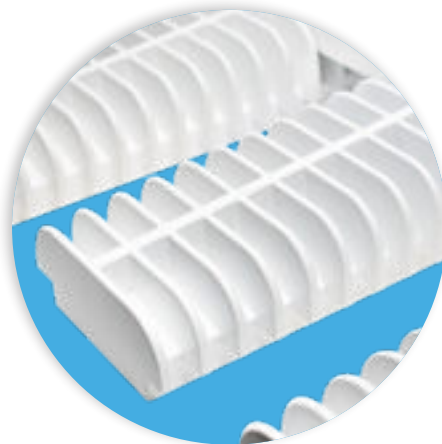
The accumulations of dust and dirt on the lamp bodies are one of the main causes of malfunctions and breakage of the devices. The shape of TORNADO was born following careful analysis in the laboratory and a series of simulations, through which we managed to identify the shape that allowed the most effective thermal dissipation, while at the same time favoring the flow of air generated by the chimney effect through the cooling wings, facilitating their cleaning. Fighting dust buildup ensures optimal performance throughout the product's life cycle.

Thanks to the optics designed in collaboration with LEDiL (www.ledil.com), minimal flow loss is guaranteed, maintaining a UGR value <22 (EN 12464-1) and a photobiological risk class of RG0 (EN 62471). TORNADO is equipped with very high quality printed optics in polycarbonate or PMMA, in both cases, the available optical apertures range from the more classic rotosymmetric ones (30°, 60° and 90°) to the more specific ones (asymmetric and batwing). Thanks to the high degree of protection that these lenses offer, the entire TORNADO electronic compartment is safe from vapors and dust.

Main characteristics of LED modules:

- 51W Mid Power linear LED modules
- Efficiency >190Lm/W
- Energy efficiency class: C
- Color rendering index: CRI >80 (CRI>90 on request)
- CCT color temperature 4000°K (3000°K and 5000°K on request)
- Initial color tolerance (MacAdam): SDCM 3
- UGR <22 (EN 12464-1)
- Photobiological risk group (EN 62471): RG0

For further information, consult the product technical data sheet or contact the XLITE srl technical offices.



TORNADO OASI | apparecchio industriale



IP65 waterproof LED luminaire

Suitable for ceiling or suspension installation using the special brackets supplied, designed for use in indoor and outdoor environments. Certified for use up to + 70 ° C in environments with frequent presence of dust, vapors and water. High degree of IK protection, powder coated die-cast aluminum emissive body after anti-corrosion treatment designed to ensure maximum heat dissipation and minimum accumulation of dust over time, using the convection currents generated by hot air. Optics in polycarbonate or PMMA with high optical efficiency. Electronic power supply housing body in powder-coated aluminum after anti-corrosion treatment. Wiring system via IP65 quick-fit connector (info in appendix). Specially developed electronics, it guarantees immediate ignition and the possibility of continuous restart and shutdown. Applications in places where protection against accidental fall of fragments is considered appropriate (eg food production area).

TORNADO OASI | apparecchio industriale per ambienti con t amb fino a +70°C*

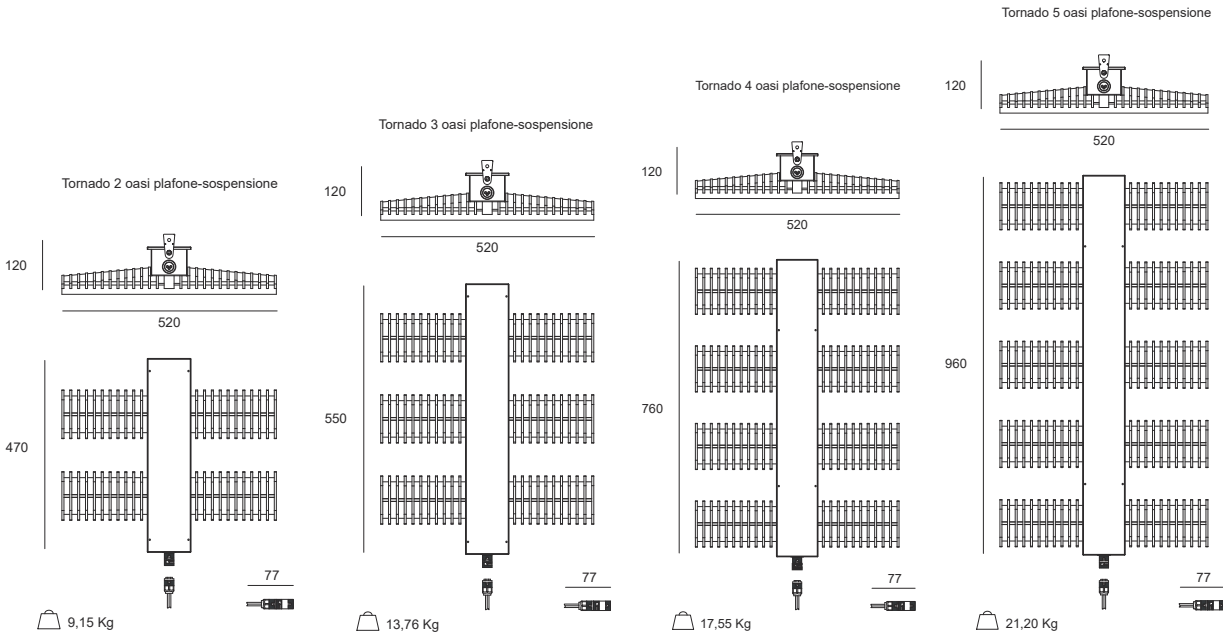
Versione Version	Watt LED*	Lumen LED**	Lumen OUT**	Classe Energetica Energy rating***	Alimentazione Power supply	K	Colore Colour	Emissione Emission
TORNADO 2	60W	10665	9523	C A G	ON-OFF A RICHIESTA DALI	3.000° K 4.000° K 5.000° K 6.000° K 6.500° K	bianco grigio	
TORNADO 3	90W	15998	14284	C A G				
TORNADO 4	120W	21331	19046	C A G				
TORNADO 5	150W	26663	23807	C A G				

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TORNADO 5	150W	26663	23807	C A G				

TORNADO 2	60W	10665	9046	C A G	ON-OFF A RICHIESTA DALI	3.000° K 4.000° K 5.000° K 6.000° K 6.500° K	bianco grigio	
TORNADO 3	90W	15998	13570	C A G				
TORNADO 4	120W	21331	18093	C A G				
TORNADO 5	150W	26663	22616	C A G				

P. Stand-by: 0 | P. Stand-by in rete: 0 | Int. Elettrica: 230 Vac 50Hz
*Potenza dei LED **Flusso totale in uscita dall'apparecchio @Tamb 25° - 4000°K ***Questo prodotto contiene una sorgente luminosa di Classe di efficienza Energetica C
Considerare una riduzione del flusso in uscita dell'8% per sorgente LED 3000°K, e del 10% per sorgente LED CRI>90
Tutti i dati sono riferiti ad una temperatura ambientale di +25° C. Per conoscere i dati a differenti temperature chiediamo di contattare il nostro ufficio tecnico.
L'indice di resistenza (IK) sottoriportato può variare a seconda delle versioni



Sorgente LED sostituibile solo da tecnico abilitato
LED source replaceable only by a qualified technician

Alimentatore sostituibile solo da tecnico abilitato
Power supply replaceable only by a qualified technician

Richiedere il manuale di sostituzione ai nostri uffici tecnici

A richiesta:

Per applicazioni in ambienti in cui possono essere presenti disturbi sulla rete elettrica e/o per l'impiego a basse/alte temperature, occorre prevedere protezioni dalle sovratensioni di rete (Surge Protection Device) sulla linea di alimentazione e l'eliminazione di eventuali cause di sotto-tensioni. Le condizioni di garanzia e di assistenza sono da intendersi valide solo e soltanto in caso in cui i corpi illuminanti siano installati a regola d'arte.

Per informazioni relative al dimensionamento, alla distribuzione dei corpi illuminanti, al numero massimo di prodotti alimentabili simultaneamente e alle resistenze chimiche degli stress, contattare i nostri uffici tecnici.

Per informazioni relative al numero minimo/massimo di corpi illuminanti installabili sotto ad ogni interruttore, ove non espressamente indicato nei nostri manuali di installazione, contattare i nostri uffici tecnici.

*Per avere maggiori informazioni circa la reale vita del sistema, i LED e i dati di decadimento e le relative garanzie contattare i nostri uffici tecnici.

