

KES STEEL

The Kes Steel luminaire can be used in critical environments such as tunnels, industrial production lines with very aggressive corrosion elements, etc.

It is available with power from 30 to 95 W and with only one rotosymmetric optics.



APPROVALS

Available version with certification:



Classification zone 2 gases: II3GEXnAIIIT4(135°C)Gc
Classification zone 22 dusts: II3DEXtCIIIT4(135°C)DC

TECHNICAL DATA

LED type	LUMILEDS
Step MacAdam	5 (3 on request)
LED driver	Xitanium
Input voltage	230 VAC
Efficiency min. - max.	110 - 118 lm/W
L80 B10 F10*	>60.000 hrs
PF	>0.95
Housing	AISI 304 stainless steel
Glass	Tempered 4 mm
Colour temperature	4000 K - 6000 K
Colour rendering index	CRI >80
Degree of protection	IP65
Electrical insulation	Class I
Operating temperature	-25...+40 °C
Weight	5 kg

- **AISI 304 stainless steel body** and tempered glass with anti-fall safety rope.
- 50% minimum energy saving compared to an equivalent fluorescent troffer.
- Improved color quality and no flickering, instant on (CRI >80).
- Photobiological safety risk exempt.
- Integrated surge protection up to 6 kV.
- Internal emergency backup kit available.
- LED light source not visible for a better visual comfort.
- Optional control systems:
 - 1-10V
 - DALI
 - Power line.

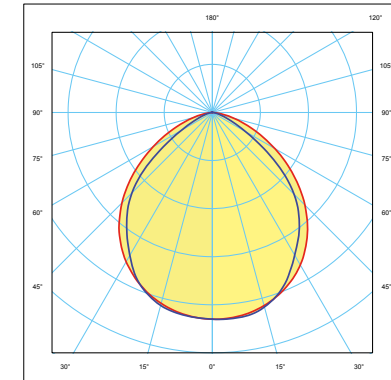


MODELS

	CCT [K]	Total power [W]	Overall flux [lm]	Optical flux [lm]
KES-STEEL-60-N-30W	4000	30	3450	5400
KES-STEEL-60-N-44W	4000	44	5016	7920
KES-STEEL-60-N-55W	4000	55	6160	9625
KES-STEEL-60-W-30W	6000	30	3553	5550
KES-STEEL-60-W-44W	6000	44	5166	8140
KES-STEEL-60-W-55W	6000	55	6280	10100
KES-STEEL-120-N-40W	4000	40	4600	7200
KES-STEEL-120-N-65W	4000	65	7370	11700
KES-STEEL-120-N-95W	4000	95	10470	16625
KES-STEEL-120-W-40W	6000	40	4738	7400
KES-STEEL-120-W-65W	6000	65	7590	12000
KES-STEEL-120-W-95W	6000	95	10820	17500

* Failure rate F10 including driver

PHOTOMETRY



DIMENSIONS

[mm]

