

KES STEEL HV HT



The KES STEEL HV model finds application in aggressive environments characterized by the presence of corrosive agents that can quickly damage classic plastic lights. It is available in wattages ranging from 10 to 55 W, for industrial or tunnel optics.

FEATURES

- AISI 316 or 304 stainless steel body.
- Energy savings of more than 55% compared with an equivalent T8/T5 ceiling light.
- Better light quality than fluorescent tubes (CRI >80, flicker-free).
- Built-in surge protection device, up to 6/10 kV depending on depending on version.
- Available with built-in emergency kit.
- SMD LED source with the possibility of mounting optics to reduce glare and have better control of the light.

Available control systems

- 1-10V / DALI.
- Powerline.
- Presence/illuminance sensor.

Also available on request in ATEX version with the following specifications:

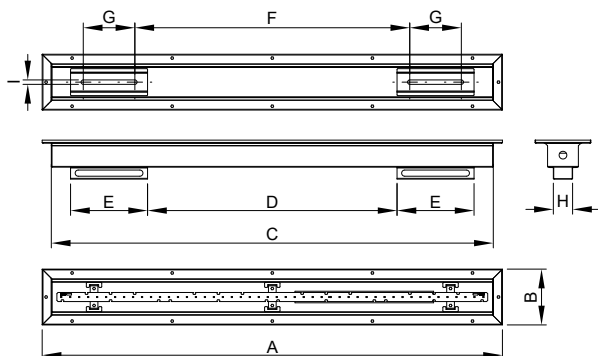
CLASSIFICATION FOR ZONE 2 GAS: II3GEXNAIT4(135C°)GC

CLASSIFICATION FOR. ZONE 22 DUST: II3DEXTCIIT4(135°C)DC

TECHNICAL DATA

LED type	Tridonic / Custom
Step Mac-Adam	3
LED driver	Philips - Tridonic
Nominal Input voltage [V]	220-230V~ 50/60Hz
Surge protection	6kV
Efficiency up to	145lm/w
Rated abrupt failure value Tp,Tc	F10 @ 50.000h, <0,04% @ 1000h
Rated median useful life [hrs] @Tc	>50.000h (150cm - 54W)
Power factor	>0,95
Housing material	AISI 304 / AISI 316L
Protective glass type	Tempered
Glass thickness [mm]	4
Colour temperature	2200K - 3000K - 4000K - 5700K
Colour rendering index (CRI)	>80
Degree of protection (EN 60529)	IP66
IK code (EN 62262)	IK08
Insulation class	I
Operating temperature [°C]	-25 ÷ +70
Housing colour	AISI 304
Weight [Kg]	4 (60cm) - 6 (120cm)

DIMENSIONS



Dimensions	KES STEEL HV-60	KES STEEL HV-120
A	622.9	1195.4
B	144.9	144.9
C	575.5	1148
D	275.5	648
E	100	200
F	100	200
G	50	50

OPTICS

SB	331S	332S	-	-	-
-	-	-	-	-	-

MODELS

	Total power [W]	Overall flux [lm]	Optical flux [lm]
KES STEEL 60 HV-10N	10	1447	1850
KES STEEL 60 HV-22N	22	3152	4070
KES STEEL 60 HV-28,5N	29	4062	5273
KES STEEL 120 HV-20N	20	2894	3700
KES STEEL 120 HV-36N	36	5184	6660
KES STEEL 120 HV-44N	44	6304	8140
KES STEEL 120 HV-57N	55	8124	11840

Reference configuration: Optic SB - 4000 K



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