



STP
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CE IP65 IK04/IK08

**STARK 9
MAIN SPECIFICATIONS**

Applications	Industrial lighting
Optics	CN: Concentrated; WN: Wide; ON: Asymmetric; CG: Concentrated + Glass; WG: Wide + Glass; OG: Asymmetric + Glass
Colour temperature	1: Cold White 5.500K; 2: Warm White 3.000K; 8: Neutral White 4.000K
CRI and colour difference (SDCM)	Min. > 80, 90 upon request (LED type: B) Color difference among several devices: Max. 3 step MacAdam
Photobiological compliance	Exempt Group
Energy efficiency class	A++
Insulation class	Class I
Protection rating	IP65, IK04 (IK08 with protective glass)
Cable harness	Removable, no tools needed
Dimensions	621x523 mm
Weight	7.5 Kg

ELECTRICAL SPECIFICATIONS

Rated voltage	220-240 V 50/60 Hz; 120-277V 50/60Hz upon request
Power factor	> 0.9 (full load)
Control technology	Optional power supplies with DALI interface
Connection	Cable with terminal bare wires
Operating temperature	-20°C +40°C
Life expectancy (T_a -10°C to 45°C)	L80 B10 > 100.000 hr

MATERIALS

Mounting	Steel brackets; optional accessories upon request
Heatsink	Die-cast painted aluminum
Frame	Die-cast painted aluminum; RAL 9003 coating
Optic	PMMA high efficiency
Screen	Glass screen upon request

ACCESSORIES

Mounting accessories	Accessories available for 1,2,4 hanging points.
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INPUT POWER AND FLUX*

(T_{amb}=25°C, T_l=85°C, T_c=4000K)

Stark 9 1	387 W	63,274 lm
Stark 9 2	472 W	76,369 lm

* Values shown represent effective output flux. These values may differ from the LEDs nominal flux.
Versions with protective glass require the flux value to be multiplied per 0.95

EMERGENCY KIT

Stand-alone security device for permanent lighting of "escape routes", "large areas" and "enhanced lighting" EN 1838 compliant
Instant operations
1 h e 3 h single battery systems
750 lumen output
Self-diagnostic system (MAT2) available
DALI remote control (MAT3) available

CODING

product code	LED colour	LED type	optic type	finishing	options	model code
ST9	1	A	WN	10	0 (none)	1
	2	B	CN		D (DALI)	2
	8		ON		E (Emerg)	
			WG		C (D+E)	
		CG		W (Wireless)		
		OG		X (W+E)		

Product specifications may vary at any time and will be confirmed at time of order.
Values shown are calculated with +/- 5% tolerance.