

RANKINE X-Heat

High temperature ø70 compact tubular light fitting for confined industrial spaces



RANKINE X-Heat

High temperature ø70 compact tubular light fitting for confined industrial spaces



For lighting up small spaces at the heart of the most extreme of industrial processes, Sammode has taken LED technology into previously unexplored nooks and crannies! Thanks to perfectly calibrated electronics and an internal heat sink spring-loaded against the casing, heat management is optimised and the chemical resistance of the composite shade is entirely preserved. The result is an ultra-hermetic light fitting that is both powerful and compact, and resistant to shocks, electrical interference, and temperature rises up to 70°C.



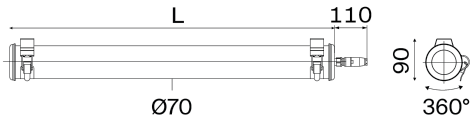


RANKINE X-Heat

High temperature ø70 compact tubular light fitting for confined industrial spaces



Sammode



Disconnectable quick-lock plug version


CRI80, 4000K



Flux (lm)	L (mm)	Designation	Code	Watt
1650	675	RAN70 12H840 POME PS3 SA	34040020	13
2475	960	RAN70 13H840 POME PS3 SA	34040040	19

Model equipped with cylindrical internal gear tray spring-fitted against the diffuser (Cool© system) for optimised heat dissipation.

Options

Fixing straps	Materials	Color temperature
 Reinforced fixing straps Reinforced fixing straps with HSHC screw	Polycarbonate housing	PO 3000K 830
	Coextruded polycarbonate/ PMMA housing with high chemical resistance	4000K 840
	End caps & fixing straps 304L stainless steel	5000K 850
	End caps & fixing straps 316L stainless steel	-
	BCV	MR

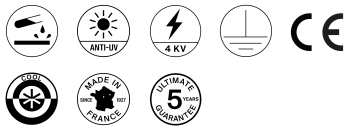
Accessories

To be ordered separately

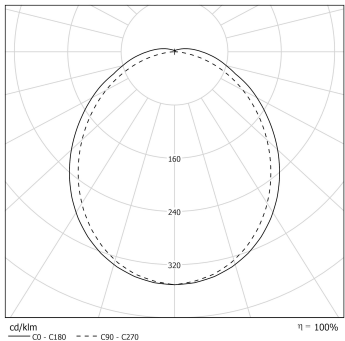
 IP68 4-outlet junction box (capacity Ø7-14mm)	 CP00674 Kits for APSAD compliance 2 x 20 cm 304L stainless steel extensions 2 x 5 cm 304L stainless steel extensions Also available in 316L : consult us	 PU44277 PU44278	 1m HO7-RNF pre-wired high temperature cable 3G1,5 ² Stripped free end Wieland® plug IP68/IP69K (capacity : Ø10-14mm) Wieland® plug and Y splitter for loop-in/out Other lengths: consult us
			CAB0076 CAB0140 CAB0146



Specification



Photometry



Technical characteristics	
Light source	High-efficiency removable LED module (CRI>80, 3 SDCM) 50 000 h L80/B50 at max. operating temperature Photobiological hazard : None (RG0)
Optics	Special satin-finish housing for LED
Lighting comfort	UGR ≤ 28
Heat management	Aluminium heat sink
Control gear	High reliability constant current output driver, mechanically and thermally reinforced. Resistance to overload: 320 V AC, 48 h Supports voltage spikes < 4 kV Compatible with neutral TN, TT and IT arrangements with no limitations Electronic compatible with central source
Supply voltage	198-264V 0/50/60Hz
Electrical class	Class I
Operating temperature	-20°C to +70°C
Easy intallation and maintenance	
Connection	With disconnectable plug Ø 8 to 10 mm cable (3 × 1,5 mm²)
Mounting	Attachement with 2 bolt-fitted stainless steel straps with variable center distance and 360° orientation
LED engine maintenance	Easily removable LED modules and driver Closing by tightening the nut on the cable gland
Materials	
Housing	Special polycarbonate housing protected from UV, solvents, hydrocarbons and cleaning agents by a coextrusion of PMMA
End caps and fixing straps	304L stainless steel
Gaskets	Peroxide-cured EPDM
Method of construction	One-piece housing with reinforced ingress protection by radial expansion of the seal
Standards	
Waterproofness	IP66, IP68, IP69K
Resistance to IK shocks	IK10
Fire resistance	650°C
Vibration resistance	Meets the severe application requirements of standard EN 60598-1 (tested according to IEC 60068-2-6)