

Lighting: Tank Light, EHTK Series

Flameproof and Dust protection by enclosure

Zone 1 & 2 – 22



Application

The EHTK tank light is designed for use in environments where flammable vapors and gases are present, as well as harsh conditions such as dust, moisture, and corrosive atmospheres.

Specification

Body material : Marine grade copper-free aluminium alloy with polyester powder coated, RAL 7032 (grey)
Lens : Heat and impact resistant glass

Technical Data

Hazardous Area	Gas	Dust
Zones	1 & 2	22
Equipment Group/Category	II 2G	II 3D
Symbol of Protection	Ex db IIB T6, T2 Gb	Ex tc IIIB T80°C, T200°C Dc
Conformity to Standards	EN IEC 60079-0, EN 60079-1, EN IEC 60079-31	
Ambient Temperature	-20°C to +55°C	
Index of Protection	IP54	
Entry Threads	3/4" NPT	
Rated Voltage	220 V AC $\pm 5\%$, 50 Hz	

Catalogue Number Logic

Series	Lamp watt (see ordering requirement table below)	Lamp type	Option
EHTK -		H Halogen LED LED bulb	S On/Off switch (3 A/ 220 V)



Tank Light

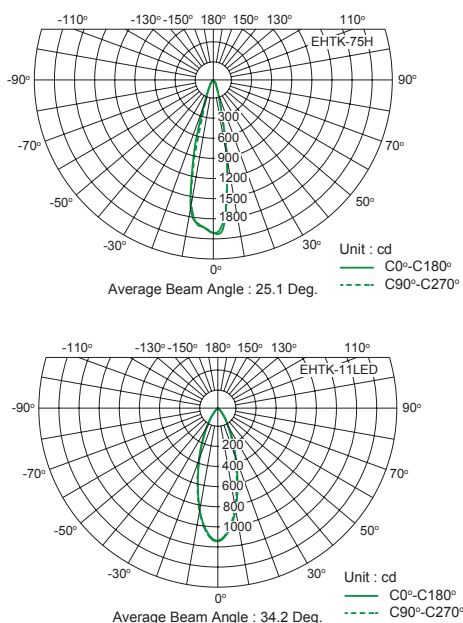
Tank Light with switch

Ordering Requirements

Cat. No.	Lamp watt	Voltage	Lamp model	Temp. Class (for zone 1 & 2)		Max. Surface Temp.* (for zone 22)		Volume (cm³)	Approx. weight (kg)		
				Ta 40°C	Ta 55°C	Ta 40°C	Ta 55°C				
Halogen lamp											
EHTK-75 H	○	75 W	220 V AC, 50 Hz	PAR 30 Halogen	T2	T2	T200°C	T200°C	3400	5.15	
LED bulb											
EHTK-11 LED	○	11 W	220 V AC, 50 Hz	PAR 30 11W	T6	T6	T80°C	T80°C	3400	5.15	

Remark *: The maximum surface temperatures are specified for dust free condition. The dust layer which may cover around the lighting fixture will cause to higher surface temperature.

Luminous Intensity Distribution Curve



Dimensions (mm)

