

QLEX-SLM series

Explosion Proof LED Work Light



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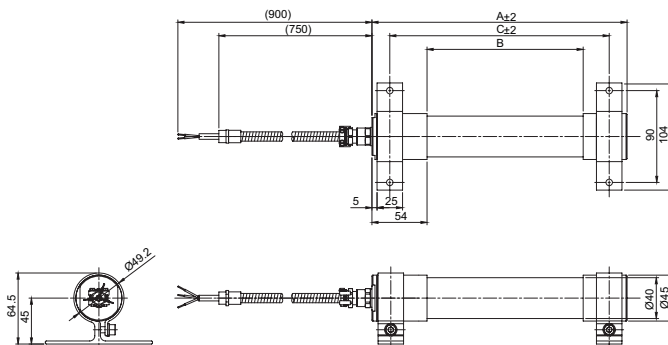
- Explosion proof LED work light designed for use in explosive gas environments with Ex d IIC rating
- Enhanced durability with aluminum housing and polycarbonate lens tube
- Semi-permanent service life with long-lasting LED light source
- Features special structure that allows to adjust light angle by turning the light tube
- Materials : Side cover-AI, Lens-PC, Bracket-AI
- Certificates : KCs, NEPSI, CE, S-mark, IECEx, ATEX
- Protection rating : IECEx - Ex db II C T6 Gb
ATEX - Ex II 2 G Ex db IIC T6 Gb
KCs - Ex d IIC T6(Except QLEX-SLM-250-220)
NEPSI - Ex d IIC T6 Gb(Only : QLEX-SLM-250-24)
- Ambient operating temperature :
QLEX-SLM-650 IECEx/ATEX: $-40^{\circ}\text{C} \leq T_{\text{amb}} \leq 60^{\circ}\text{C}$ (DC)
QLEX-SLM-650 IECEx/ATEX: $-40^{\circ}\text{C} \leq T_{\text{amb}} \leq 55^{\circ}\text{C}$ (AC)
QLEX-SLM-650 KCs : $-40^{\circ}\text{C} \leq T_{\text{amb}} \leq 60^{\circ}\text{C}$ (T5)
QLEX-SLM-650 KCs : $-40^{\circ}\text{C} \leq T_{\text{amb}} \leq 55^{\circ}\text{C}$ (T6)
QLEX-SLM-250 : $-40^{\circ}\text{C} \leq T_{\text{amb}} \leq +60^{\circ}\text{C}$

Specifications

Optics Specifications				
Model	QLEX-SLM-250		QLEX-SLM-650	
Lens color	Translucent			
Light color	Cool daylight			
Color temperature	6,000-7,000K			
Efficacy (lm/W)	240Lux		530Lux	
Specifications				
Model number	QLEX-SLM-250		QLEX-SLM-650	
Rated voltage	DC24V	AC220V	DC24V	AC220V
Range for operation voltage	DC21.6V-26.4V	AC198V-242V	DC21.6V-26.4V	AC198V-242V
Power consumption	8.6W	9.0W	20W	23W
Insulation resistance	Min. 100MΩ(1,500V AC / 500V DC mega ohm meter)			
Withstanding voltage	DC : 500VAC, 60Hz, 1minute / AC : 1,500VAC, 60Hz, 1minute			
Protection rating	IP66/ 67			
Materials	Side cover : AI, Lens : PC, Bracket : AI			
Certificates				
Weight(approx.)	0.50Kg		0.93Kg	

Technical Diagram

QLEX-SLM-250/ QLEX-SLM-650



MODEL	A	B	C	BRACKET
QLEX-SLM-250	250	153	-	1EA
QLEX-SLM-650	650	553	613	2EA

Ordering Specification

QLEX-SLM	-	250	-	24
[Model number]		[Length]		[Voltage]
• QLEX-SLM		• 250-250mm • 650-650mm		• 24-DC24V • 220-AC220V



Cautions in use of explosion proof LED work lights

- Contact structure of an explosion proof product must be a qualified part we provide. Please do not disassemble, assemble, modify or repair arbitrarily.