

Lighting: LED Hand Lamp, DHL Series

Flameproof/ Increased Safety and Dust protection by enclosure

Zone 1 & 2 – 21 & 22



Application

The hand lamp are designed for the work of inspection and maintenance in all those potentially explosive places for the presence of gas and dust as petrochemical industries, off-shore facilities, the areas of tank control and the process areas.

Specification

- Body material : Rubber coated copper-free aluminium
- Guard : Stainless steel, SUS304
- Hook : Stainless steel, SUS304
- with polyvinylchloride (PVC)
- Globe, Tube : Heat and impact resistant glass

Technical Data

Hazardous Area	Gas	Dust
Zones	1 & 2	21 & 22
Equipment Group/Category	Ex II 2G	Ex II 2D
Symbol of Protection	Ex db IIC T6-T4 Gb	Ex tb IIIC T80 °C-T135 °C Db IP66
Certificate	LOM 21 ATEX 1007 X (Glass globe)	
Conformity to standards	EN IEC 60079-0:2018, EN 60079-1:2014, EN 60079-31:2014	
Ambient Temperature	-20°C to +60°C	
Index of Protection	IP66	
Rated Voltage	220-240V.ac 50/60Hz., 24V.ac or 24V.dc	
Entries	M20x1.5	

Catalogue Number Logic

DHL - ■■■ - ■■■■ - ■■■■

Series	Shape	Lamp Watt	Voltage	Colour Temp.
G	Glass globe	60 60W.	220 220V.ac	30 3000K
T	Glass tube	04 4W.	240 220-240V.ac	65 6500K
		06 6W.	24 24V.ac	
		08 8W.	24D 24V.dc	
		10 10W.		
		12 12W.		



DHL-G



DHL-T

Ordering Requirements

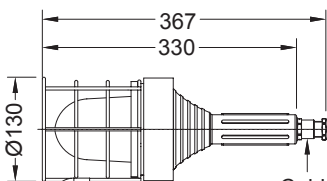
Cat. No. LED Light		Lamp Watt	Voltage	Temp. Class (for zone 1 & 2)		Max. Surface Temp.* (for zone 21 & 22)		Approx. Weight (kgs.)
CCT 3000K	CCT 6500K			Ta 40 °C	Ta 60 °C	Ta 40 °C	Ta 60 °C	
DHL-G04-240-30	DHL-G04-240-65	4W.	220-240V.ac	T5	T4	T95°C	T135°C	2.08
DHL-G06-240-30	DHL-G06-240-65	6W.	50/60Hz.					
DHL-G08-240-30	DHL-G08-240-65	8W.						
DHL-G10-240-30	DHL-G10-240-65	10W.						
DHL-G12-240-30	DHL-G12-240-65	12W.						
DHL-G06-24-30	DHL-G06-24-65	6W.	24V.ac	T5	T4	T95°C	T135°C	2.08

Cat. No. Vibration Lamp	Lamp Watt	Voltage	Temp. Class (for zone 1 & 2)		Max. Surface Temp.* (for zone 21 & 22)		Approx. Weight (kgs.)
			Ta 40 °C	Ta 60 °C	Ta 40 °C	Ta 60 °C	
DHL-G60-220	60W.	220V.ac 50Hz.	T6	T6	T80°C	T80°C	2.08

Cat. No. LED Light		Lamp Watt	Voltage	Temp. Class (for zone 1 & 2)		Max. Surface Temp.* (for zone 21 & 22)		Approx. Weight (kgs.)
CCT 3000K	CCT 6500K			Ta 40 °C	Ta 60 °C	Ta 40 °C	Ta 60 °C	
DHL-T04-240-30	DHL-T04-240-65	4W.	220-240V.ac	T6	T5	T80°C	T100°C	2.08
DHL-T08-240-30	DHL-T08-240-65	8W.	50/60Hz.					
DHL-T04-24-30	DHL-T04-24-65	4W.	24V.ac	T6	T5	T80°C	T100°C	2.08
DHL-T08-24-30	DHL-T08-24-65	8W.						
DHL-T04-24D-30	DHL-T04-24D-65	4W.	24V.dc	T6	T5	T80°C	T100°C	2.08
DHL-T08-24D-30	DHL-T08-24D-65	8W.						

Dimension

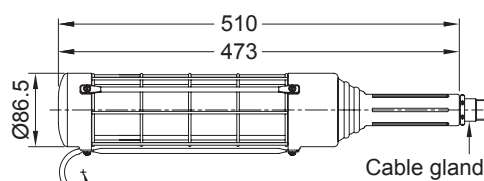
DHL-G



for pipe 1-1/4" (Ø44mm.)

Cable gland for non-armoured cable, Cat. No. DNA/L-M1 (for 6.5-14.3mm. O.D. cable) (Sold separately)

DHL-T



for pipe 1-1/4" (Ø44mm.)

Cable gland for non-armoured cable, Cat. No. DNA/L-M1 (for 6.5-14.3mm. O.D. cable) (Sold separately)

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.