

Lighting: LED Hand Lamp, DHL-G Series

Flameproof 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 : 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
Certificate No.	LOM 21 ATEX 1007X	
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., or 24V.ac	
Entries	M20x1.5	

Catalogue Number Logic

DHL -

Series
G
Glass globe

G

Shape
G
Glass globe

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Lamp Watt	
60	60W.
04	4W.
06	6W.
08	8W.
10	10W.
12	12W.

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Voltage	
220	220V.ac
240	220-240V.ac
24	24V.ac

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Colour Temp.	
30	3000K
65	6500K

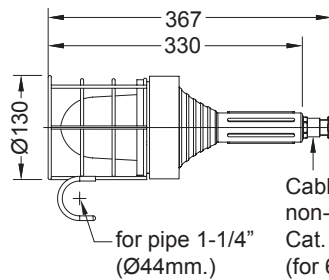


Ordering Requirements

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 50/60Hz.	T5	T4	T95°C	T135°C	2.08
DHL-G06-240-30	DHL-G06-240-65	6W.						
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

Dimension



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.

