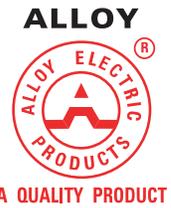


# Lighting: LED Hand Lamp, DHL Series



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, Tube : Heat and impact resistant glass  
 Entries : M20x1.5 with cable gland for non-armoured cable, Cat. No. DNA/L-M1 (6.5-14.3mm. O.D. cable)

## Technical Data

<b>Hazardous Area</b>	Gas	Dust
<b>Zones</b>	1 & 2	21 & 22
<b>Conforming to ATEX</b>	⊕ II 2G	⊕ II 2D
<b>Symbol of Protection ATEX</b>	Ex db IIC T6/T5 Gb	Ex tb IIIC T80 °C/ T100 °C Db IP66
<b>Compliance with</b>	Equipment and protective systems intended for use in potentially explosive atmospheres, Directive 2014/34/EU	
<b>Standards</b>	EN 60079-0:2012+A11:2013, EN 60079-1:2014, EN 60079-31:2014	
<b>Ambient Temperature</b>	-20°C to +60°C	
<b>Index of Protection</b>	IP66	
<b>Rated Voltage</b>	220-240V.ac 50/60Hz. 24V.ac	

## Catalogue Number Logic

<b>DHL</b>	-	■	■ ■	-	■ ■ ■	-	■ ■ ■
<b>Series</b>		<b>Shape</b>	<b>Lamp Watt</b>		<b>Voltage</b>		<b>CCT (LED Only)</b>
		G Glass globe	60 60W.		220 220V.ac		30 3000K
		T Glass tube	06 6W.		240 220-240V.ac		65 6500K
			08 8W.		24 24V.ac		
			10 10W.				

## Ordering Requirements

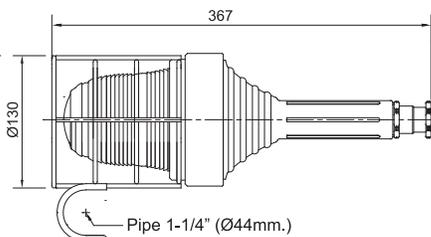
Cat. No. LED Light		Lamp Watt	Voltage	Temp. Class (for zone 1 & 2)		Max. Surface Temp.* (for zone 21 & 22)		Approx. Weight (kgs.)
CCT 3000K	CCT 6500K			Ta 40 °C	Ta 60 °C	Ta 40 °C	Ta 60 °C	
DHL-G06-240-30	DHL-G06-240-65	6W.	220-240V.ac	T6	T5	T80°C	T100°C	2.08
DHL-G08-240-30	DHL-G08-240-65	8W.	50/60Hz.					
DHL-G06-24-30	DHL-G06-24-65	6W.	24V.ac	T6	T5	T80°C	T100°C	2.08
DHL-G08-24-30	DHL-G08-24-65	8W.						
DHL-T06-240-30	DHL-T06-240-65	6W.	220-240V.ac	T6	T5	T80°C	T100°C	2.08
DHL-T08-240-30	DHL-T08-240-65	8W.	50/60Hz.					
DHL-T10-240-30	DHL-T10-240-65	10W.						
DHL-T06-24-30	DHL-T06-24-65	6W.	24V.ac	T6	T5	T80°C	T100°C	2.09
DHL-T08-24-30	DHL-T08-24-65	8W.						
DHL-T10-24-30	DHL-T10-24-65	10W.						

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	T5	T80°C	T100°C	2.08

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.

## Dimension

DHL-G



DHL-T

