

Incandescent / Compact Fluorescent Portable Hand Lamp EHDL 57/58 Series

❖ Type of Explosion-proof
Flameproof (Ex d IIC T3)

❖ Application

EHDL Series portable handlamps are used ;

- as portable handlamp in hazardous area.
- in inspecting aircraft wing tanks, vats, process vessels, fuel tanks, etc.

❖ Features

- The metal casing consists of a body, globe holder and terminal box, and provides a flameproof cable gland at the top of the terminal box.
- The globe holder firmly attached with globe and guard is screwed onto the body and locked by one socket head screw.
- Choose incandescent lamp/compact fluorescent lamp.

❖ Standard Materials

- Body : Cast aluminium alloy
- Globe : Heat-resistant hard glass
- Handle : PVC

❖ Standard Finish

- MUNSELL No. 7.5BG 6/1.5
- If you want another color, contact us please.

❖ Technical Data

Catalog No.	Rated Voltage(V)	Rated Wattage (W)	Lamp	Weight (kg)	Certification
EHDL 57	Max. 230	100	Incandescent	2.5	Ex d IIC T3
EHDL 58F	Max. 230	20	Compact Fluorescent	2.7	Ex d IIC T6

❖ Photometric Data

Angle	EHDL 57		EHDL 58F		Angle	EHDL 57		EHDL 58F	
	cd/1000 lm	cd/1000 lm	cd/1000 lm	cd/1000 lm		cd/1000 lm	cd/1000 lm	cd/1000 lm	cd/1000 lm
0	90.0	22.7	50	85.0	68.2				
5	75.0	22.7	55	85.0	73.9				
10	75.0	28.5	60	90.0	79.5				
15	90.0	28.5	65	105.0	79.5				
20	80.0	34.1	70	90.0	85.3				
25	75.0	34.1	75	85.0	85.3				
30	80.0	45.5	80	85.0	85.3				
35	85.0	51.2	85	85.0	85.3				
40	85.0	56.8	90	80.0	85.3				
45	95.0	62.5							

Blue = Incandescent Lamp 100W (1250 lm)
Red = Compact Fluorescent Lamp 20W (1200 lm)



<EHDL 57>

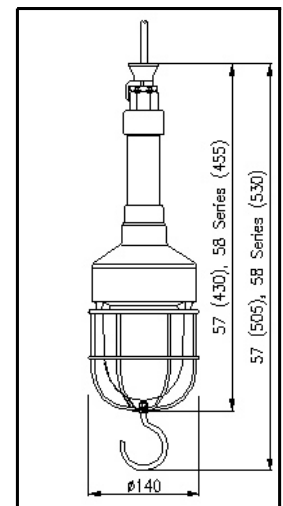
❖ Compliance

- IEC 60079-0, 1

❖ Certification

- Certified by KOSHA (Korea Occupational Safety & Health Agency), KGS(Korea Gas Safety Corporation), and the others.

❖ Dimension



Incandescent Portable Hand Lamp
EHDL 55

❖ Type of Explosion-proof
Flameproof (Ex d IIB T3)



<EHDL 55>

❖ Application

- EHDL Series portable handlamps are used ;
- as a portable handlamp in hazardous area.
 - where an explosive atmosphere consisting of a mixture with air of flammable substances in the form of gas, vapour or mist is not likely to occur in normal operation but, if it does occur, will persist for a short period only.
 - in inspecting aircraft wing tanks, vats, process vessels, fuel tanks, etc.

❖ Standard Materials

- Body : Cast aluminium alloy
- Globe : Heat-resistant hard glass
- Guard : Stainless steel

❖ Standard Finish

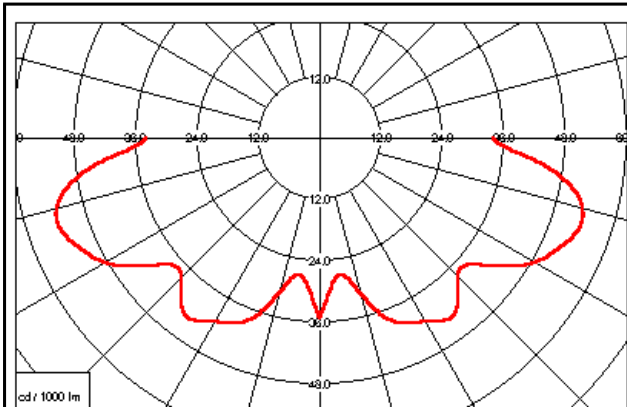
- MUNSSELL No. 7.5BG 6/1.5
- If you want another color, contact us please.

❖ Technical Data

Catalog No.	Rated Voltage (V)	Rated Wattage (W)	Lamp	Weight (kg)	Certification
EHDL 5501	110/220	100	Incandescent	2.8	Ex d IIB T3

❖ Features

- The metal casing consists of a body, globe holder and terminal box, and provides a flameproof cable gland at the top of the terminal box.
- The globe holder firmly attached with globe and guard is screwed onto the body and locked by one socket head screw.
- The terminal box is fitted to the body with spigot joint and is secured by two socket head screws.



Angle	cd/1000 lm	Angle	cd/1000 lm
0	35.0	50	35.0
5	25.0	55	45.0
10	25.0	60	50.0
15	30.0	65	50.0
20	40.0	70	55.0
25	40.0	75	55.0
30	40.0	80	50.0
35	45.0	85	45.0
40	45.0	90	20.0
45	35.0		

<EHDL 5501>

[Lamp : IL100] [1×1250 lm]

❖ Dimension

