



Drass brings to the market a series of lighting solutions for use in hyperbaric compartments at depths of up to 300msw. This series has been developed specifically for ambient (ceiling) lighting and private (bunk) lighting.

HYPERBARIC AMBIENT LIGHTING

The ambient lighting system is specifically designed to illuminate the entire compartment from a ceiling position.

Thanks to the lens employed, which ensures a light flux up to ten times higher than that typically installed, a bright and uniform lighting illuminates the entire compartment.

Lights are supplied with a wet connector type with a locking sleeve for easy replacement. Drass hyperbaric ambient lights can be used for DDC chambers and diving bells.

Each light has its own SN and is supplied after successful completion of individual FAT (Factory Acceptance Test), which ensure correct operation.

Standard hyperbaric compartments employ several lights. The common arrangement is to connect the lights in series of two and use Drass Dimmer Device for 'mood' control to soften and intensify each set of lights according to specific activity and personal preference.

If light dimming is not required, a constant current supply is available on request capable to operate each set of lights at maximum current/intensity - controlling it with a simple ON-OFF switch.

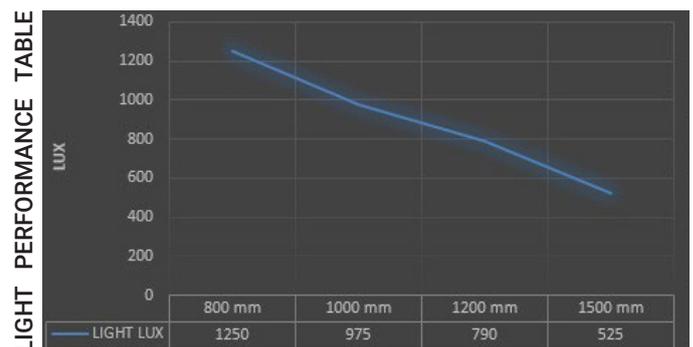
HYPERBARIC PRIVATE LIGHTING (BUNK LIGHT)

Bunk lights are specifically designed for diver private lighting, and are usually located alongside each bunk. Lights are supplied with a wet connector type, a locking sleeve and the interface cable - which includes a potentiometer - to regulate the light intensity.

On the bottom of the light a magnet is provided to attach the light directly to the chamber wall at the desired position.

Each light has its own SN and is supplied after successful completion of individual FAT (Factory Acceptance Test), which ensures correct operation.

Standard hyperbaric compartments employ one light for each bunk. The typical arrangement is to use Drass Dimmer Cards to control the light intensity of each bunk light separately and independently from the rest - see further for details on Dimmer Cards.



E1011-HI01.11 – WARM LIGHT LED LAMP

Technical Data

Lamp Weight	350 gr (+-5%)
Plate Weight (not shown)	130 gr (+-10%)
Overall Diameter	64 mm
Total height	63 mm
Maximum operating pressure	40 bar
Ambient temperature	0-40 °C

Electrical Connection

Connector type	MCBH-2M
Cable assembly with connector	9 m length

Power Supply

Controlled current	700 mA @ 10.5 VDC
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COMMERCIAL CODE	DESCRIPTION
97CE-01-03-05-00-00	Chamber/Diving Bell Warm LED Light 24 Vdc with 9 meters cable
97CE-01-03-06-00-00	Chamber/Diving Bell Warm Led Light 24Vdc without cable
97CE-01-04-05-00-00	Hyperbaric Bunk LED Light 24 Vdc with 9 meters cable
97CE-01-04-06-00-00	Hyperbaric Bunk Led Light 24Vdc without cable

The above commercial codes are not inclusive of the dimmer cards or the constant current driver

97CE-01-06-01-00-00	9 meters cable for ambient light
97CE-01-06-02-00-00	9 meters cable for bunk light
97CE-01-06-03-00-00	Dimmer card
97CE-01-06-04-00-00	Constant current driver for ambient light