

## Lighting Solutions Medical Supply Units

Improve the atmosphere on your intensive care unit for patients, staff and visitors alike with a selection of supply unit illumination and ambience options.



## Benefits

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### The power of light and color

Light and color can have beneficial effects on human physiology<sup>1</sup>. With our new RGB (red-green-blue) indirect lighting system, it's easy to give your ICU an atmosphere which can make your patients feel better and actually help you work more efficiently. Depending on the situation at hand, you can change between stimulating and soothing color temperatures and also complement and accentuate your ward's design. This illumination solution is available for Ponta® and Opera Supply Systems.

<sup>1</sup> The effect of high correlated colour temperature office lighting on employee wellbeing and work performance  
P. Mills et al., Circadian Rhythms 2007; 5: 2.

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### Simulating the course of the day

Natural biorhythms are influenced by both the light we see as well as by wavelengths picked up by non-visual sensory organs.<sup>2</sup> Sudden changes in lighting intensity or monotonous illumination schemes can disturb the biorhythms of patients and staff alike. With the Circadian Illumination System CIS, you can help maintain important circadian rhythms for your patients and yourself. CIS simulates the course of the passing day. The result is a more natural environment where your patients can recuperate faster and you can work more comfortably- no matter what time it is.

<sup>2</sup> Wavelength-Dependent Modulation of Brain Responses to a Working Memory Task by Daytime Light Exposure  
G. Vandewalle et al., Cerebral Cortex 2007, Volume17, Issue12, Pp. 2788-2795

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### Work without disturbing

For ICU patients, sleep can be hard to come by, so avoiding disturbances is important for any patient's recovery. Our automatic drawer lights provide soft, dazzle-free illumination of a drawer's contents whenever you open one. You won't ever have to disturb a patient to search through a drawer again.

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### Gentle light from above

Most if not all of your ICU patients are almost always in a supine position. With a built-in indirect ceiling illumination system, you can avoid the problems encountered with harsh overhead lighting on intensive care units while still providing important spatial orientation cues for your patients and comfortable illumination for yourself.

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### Move about more safely

Intensive care units are often cluttered with cables, medical devices and other equipment. To enhance safety and comfort under low-lighting conditions, we designed a navigation lighting system with floor and ceiling illumination that lets you move around the room without disturbing your patients with overhead lighting.

## Related Products

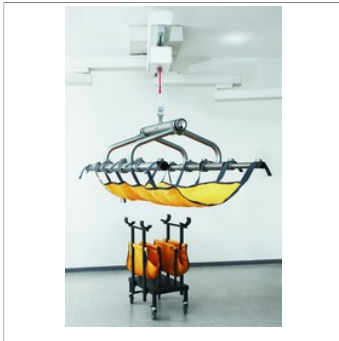
D-1322-2011



### Noise Display SoundEar®

Monitor and display background noise levels on your ward to support a comfortable, healthy and healing environment for patients, staff and visitors.<sup>1</sup>

D-1346-2011



### Integrated Patient Lifting Solution

Streamline your workflow and reduce risk for everyone involved while improving the quality of care for your patients with an economical, supply unit based solution for patient lifting.

D-57963-2012



### Dräger Pendula®

Ceiling mounted multiple monitor holder for a flexible and ergonomic workplace design and the easy and secure positioning of the monitor application in the hybrid OR.

## Technical Data

### Navigation light ceiling – 7.5 W

For integration in arm systems light, medium, strong

Operating voltage	100 – 240 V ±10 %, 50/60 Hz
LED color temperature	5,400 K, cold white

### Navigation light floor – 7.5 W

For integration in Agila®/Movita® columns

Operating voltage	100 – 240 V ±10 %, 50/60 Hz
LED color temperature	5,400 K, cold white

### Drawer light – 0.33 W

Operating voltage	100 – 240 V ±10 %, 50/60 Hz
Illuminant LED	
LED color temperature	6,000 K, cold white

### Standards plug power pack

Euro plug	CEE 7/16
UK plug	BS 1363
USA plug	NEMA 1-15
Australia plug	AS 3112
IEC plug DIN	EN 60320

Available with device and shelf system configuration.

### RGB light module 3 × 54 W

For integration in Ponta® beam, incl. control unit, data cables and Y-distributor

Light programme	8 light scenes and 4 light sequences
Operating voltage	220 – 240 V, 50/60 Hz
Dimensions (L × W × D)	1,118 × 230 × 30 mm

### RGB operating panel ECD

Incl. power supply	
Color	piano lacquer, black
Operating voltage	10 – 24 V DC, 6 A
Dimensions (H × D × W)	103 × 88 × 34 mm

### RGB IR remote control

Incl. IR receiver

### CIS light module 2 × 54 W

For integration in Ponta® beam, incl. data cable, timer switch push button coupler

Operating voltage	220 – 240 V, 50/60 Hz
Dimensions (L × D × W)	1,118 × 230 × 30 mm

Lamps are to be ordered separately.

Lighting Solutions available with the Agila®/Movita®/Forta® and Ponta® configuration.

## Notes

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Not all products, features, or services are for sale in all countries.  
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### CORPORATE HEADQUARTERS

Drägerwerk AG & Co. KGaA  
Moislinger Allee 53–55  
23558 Lübeck, Germany  
[www.draeger.com](http://www.draeger.com)

### Manufacturer:

Drägerwerk AG & Co. KGaA  
Moislinger Allee 53–55  
23542 Lübeck, Germany

### REGION DACH

Drägerwerk AG & Co. KGaA  
Moislinger Allee 53–55  
23558 Lübeck, Germany  
Tel +49 451 882 0  
Fax +49 451 882 2080  
[info@draeger.com](mailto:info@draeger.com)

### REGION EUROPE

Drägerwerk AG & Co. KGaA  
Moislinger Allee 53–55  
23558 Lübeck, Germany  
Tel +49 451 882 0  
Fax +49 451 882 2080  
[info@draeger.com](mailto:info@draeger.com)

### REGION MIDDLE EAST, AFRICA

Drägerwerk AG & Co. KGaA  
Branch Office  
P.O. Box 505108  
Dubai, United Arab Emirates  
Tel +971 4 4294 600  
Fax +971 4 4294 699  
[contactuae@draeger.com](mailto:contactuae@draeger.com)

### REGION ASIA PACIFIC

Draeger Singapore Pte. Ltd.  
25 International Business Park  
#04-20/21 German Centre  
Singapore 609916  
Tel +65 6308 9400  
Fax +65 6308 9401  
[asia.pacific@draeger.com](mailto:asia.pacific@draeger.com)

### REGION NORTH AMERICA

Draeger, Inc.  
3135 Quarry Road  
Telford, PA 18969-1042, USA  
Tel +1 800 4DRAGER  
(+1 800 437 2437)  
Fax +1 215 723 5935  
[info.usa@draeger.com](mailto:info.usa@draeger.com)

### REGION CENTRAL AND SOUTH AMERICA

Dräger Panama S. de R.L.  
59 East Street, Nuevo Paitilla, House  
30  
San Francisco Town  
Panama City, Panama  
Tel +507 377 9100  
Fax +507 377 9130  
[servicioalcliente@draeger.com](mailto:servicioalcliente@draeger.com)

Locate your Regional Sales  
Representative at:  
[www.draeger.com/contact](http://www.draeger.com/contact)

