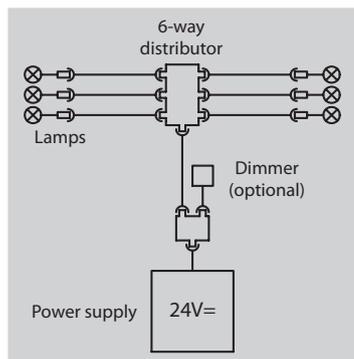
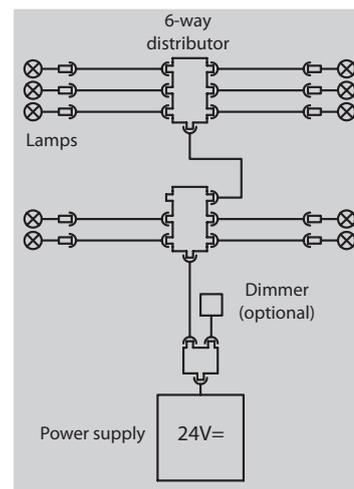




## Cabin lighting CabinLED3 built-in variant, for sheet metal ceilings



Wiring example CabinLED3 with max. 6 lamps and dimmer



Wiring example CabinLED3 with max. 10 lamps and dimmer

### Technical data

#### Switching power supply standard:

Input: 100-240V AC 50Hz/60Hz  
 2m supply line H05VV-F 2x0.75mm<sup>2</sup>  
 Output: 24VDC / 2.0A 50W  
 1.5m outgoing line with T-piece  
 3m connecting cable  
 LIYY 3x0.34mm<sup>2</sup> with 6-way distributor  
 max. 10 pcs. (power supply 50W)  
 Efficiency: > 88%  
 Protection type power supply: IP20

*Technical data switching power supply with emergency supply see page 90.*

#### Lamp Cabin-LED3-built-in variant:

Operating current: 180mA  
 Power per lamp: 3x1W  
 Luminous flux + brightness: 300lm for light colour white (w)  
 228lm for light colour natural-white (nw)  
 Protection type: IP20  
 Protection class: III  
 Housing: Aluminium nickel-plated  
 Mounting depth: 35mm  
 Housing diameter: 52.5mm (built-in side)  
 65.00mm (outside)  
 Cable on lamp: 17cm, pluggable

#### Required ceiling cutout

CabinLED3-built-in variant: 53mm – 59mm  
 with 1st extension ring: 60mm – 69.5mm  
 with 1st and 2nd extension ring: 70mm – 84mm

#### Functional description and accessories

At most 6 lamps can be plugged into a sixfold distributor. The dimmer is plugged into the T-piece or into a free output of the sixfold distributor. For more than 6 lamps, a second sixfold distributor is needed.

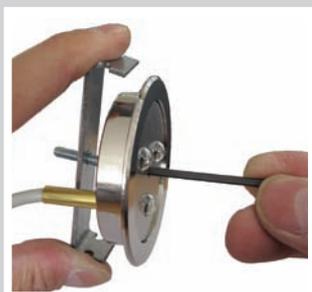
Cabin-floor space	Ceiling-height	Light colour	Number CabinLED3
up to 1.0m <sup>2</sup>	up to 2.2m	white	2
up to 1.5m <sup>2</sup>	up to 2.2m	white	4
up to 2.0m <sup>2</sup>	up to 2.2m	white	6
for every additional square metre	up to 2.2m	white	2
up to 1.0m <sup>2</sup>	up to 2.2m	natural-white	2
up to 1.5m <sup>2</sup>	up to 2.2m	natural-white	4
up to 2.0m <sup>2</sup>	up to 2.2m	natural-white	6
for every additional square metre	up to 2.2m	natural-white	2

The preceding table data are based on measurements in different stainless steel lift cabins. The prescription of 50lux on the cabin floor made by EN81 was clearly exceeded in all measurements. All indications are without engagement.

Mounting at ceiling cutouts with 1st extension ring



Example: Mounting in case of ceiling cutouts of 53-59mm





### Basic package CabinLED3-EB-3pol

Art.no.	Description
20402	CabinLED3-EB-3pol-w
20403	CabinLED3-EB-3pol-nw

1x LED-lamp with 17cm connecting cable  
 1x connecting line 1m LIYY 3x0.34mm<sup>2</sup> to 6-way distributor



### Switching power supply 24V

Art.no.	Description
20441	CabinLED-PS-24V-50W-3pol-NF

1x power supply 230VAC/24VDC, 2A 50W  
 1x supply line with line filter 2m H05VV-F 2x0.75mm<sup>2</sup>  
 1x outgoing line 1.5m with T-piece  
 1x connecting line 1m LIYY 3x0.34mm<sup>2</sup> with 6-way distributor



### Switching power supply 24V IP20 with emergency supply

Art.no.	Description
20421	CabinLED-NSG-24V-60W-3pol

1x emergency power supply IP20 equipped and pre-wired with:

- power supply 230VAC/24VDC with 2m supply line H05VV-F 2x0.75mm<sup>2</sup>
- emergency supply with capacity monitoring acc. EN81-28
- 2x battery 12V/1.2Ah
- 1x outgoing line 3m LIYY 3x0.34mm<sup>2</sup> with 6-way distributor
- 1x outgoing line 3m LIYY 3x0.34mm<sup>2</sup> with connector

## Accessories

### Dimmer

Art.no.	Description
20416	CabinLED-Dimmer-3pol

1x Dimmer with 1m connecting line

### Connecting line

Art.no.	Description
20418	CabinLED-VL-3pol-3m

1x connecting cable 3m LIYY 3x0.34mm<sup>2</sup>  
 Connection between lamp and 6-way distributor  
 is necessary with large lamp distances

### 6-way distributor

Art.no.	Description
20419	CabinLED-6-way-distributor-3pol

1x 6-way distributor with 3m connecting line LIYY 3x0.34mm<sup>2</sup>

### Extension rings CabinLED3

Art.no.	Description
20004	CabinLED3-ring1 60-69.5mm
20005	CabinLED3-ring2 70-84mm

Ring 1 for ceiling cutouts of 60-69.5mm,  
 for ceiling cutouts of 70-84mm ring 1 and ring 2 are necessary.