



Project / Type \_\_\_\_\_

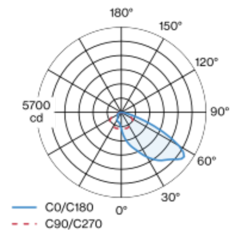
Notes \_\_\_\_\_

Count / Date \_\_\_\_\_

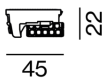


Linear light inset made of aluminium; surface white powder coated; for VITA system module; lighting module with specially computed, asymmetrical high gloss reflector, linear prismatic cover incl. foil; designed for use as direct light component; light colour 3000 K; binning initial MacAdam  $\leq 3$  SDCM; CRI  $\geq 90$ ; min. 80% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; degree of protection IP20; PC1; with 2 plug-in terminals for through wiring; incl. DALI-2 converter; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

Light distribution



Product drawing



General

Wall , Surface \_\_\_\_\_

white , RAL 9010 <sup>1</sup> \_\_\_\_\_

IP20 \_\_\_\_\_

7240 lm \_\_\_\_\_

LED

3000 K \_\_\_\_\_

CRI  $\geq 90$  \_\_\_\_\_

L80 / 50000 h \_\_\_\_\_

initial MacAdam  $\leq 3$  SDCM \_\_\_\_\_

R<sub>g</sub>: 99 , R<sub>f</sub>: 91 , R<sub>(1-15)</sub>: 89 \_\_\_\_\_

MR 0.61 \_\_\_\_\_

MDER 0.55 \_\_\_\_\_

Optical

Linear Prismatic \_\_\_\_\_

asymmetric \_\_\_\_\_

PstLM  $\leq 1.0$  <sup>2</sup> \_\_\_\_\_

SVM  $\leq 0.4$  <sup>2</sup> \_\_\_\_\_

Electrical

DALI-2 \_\_\_\_\_

220-240 V \_\_\_\_\_

system 65 W \_\_\_\_\_

system 111 lm/W<sup>3</sup> \_\_\_\_\_

PC1 \_\_\_\_\_

1 DALI Addr. \_\_\_\_\_

Physical

length 1006 mm \_\_\_\_\_

width 45 mm \_\_\_\_\_

height 22 mm \_\_\_\_\_

0.87 kg \_\_\_\_\_

<sup>1</sup> RAL code <sup>2</sup> Value of containing product at full load (undimmed)  
<sup>3</sup> incl. consideration of optical losses, internal control unit losses & operating device efficiency

Installation instructions





## Maintenance Factors

| Operating Time [h] | 10 000                       | 20 000 | 30 000  | 40 000 | 50 000 |
|--------------------|------------------------------|--------|---|--------|--------|
| LLMF               | 0.97                         | 0.94   | 0.91  | 0.87   | 0.84   |
| LSF                | 1                            | 1      | 1   | 1      | 1      |
| MF                 | LMF × RSMF × LLMF × LSF      |        | RSMF <sup>a</sup> Room Surface Maintenance Factor |        |        |
| MF                 | Maintenance Factor           |        | LLMF Lamp Lumens Maintenance Factor               |        |        |
| LMF <sup>a</sup>   | Luminaire Maintenance Factor |        | LSF Lamp Survival Factor                          |        |        |

<sup>a</sup> According to "CIE 97, Maintenance of indoor electric lighting systems", 2005, ISBN 3-900-734-34-8. The values must be determined by the planner.

## Circuit Breaker Types

| Automatic Circuit Breaker Type | Number of Fixtures |
|--------------------------------|--------------------|
| B10                            | 12                 |
| B13                            | 16                 |
| B16                            | 20                 |
| B20                            | 25                 |
| C10                            | 20                 |
| C13                            | 27                 |
| C16                            | 34                 |
| C20                            | 41                 |

## Mounting accessories

### INDIRECT MODULE

| TYPE                        | COLOUR             | L-W-H (MM) | ARTICLE NUMBER(S) |
|-----------------------------|--------------------|------------|-------------------|
|                             | anodised aluminium | 1007-75-25 | 099-9911616       |
|                             | anodised aluminium | 1207-75-25 | 099-9911716       |
| custom cut on building site | anodised aluminium | 3621-75-25 | 099-9911816       |
| custom cut                  | anodised aluminium |            | E87210...6        |



### DIRECT / INDIRECT MODULE

| TYPE                        | COLOUR             | L-W-H (MM)  | ARTICLE NUMBER(S) |
|-----------------------------|--------------------|-------------|-------------------|
| custom cut                  | anodised aluminium |             | E87220...6        |
|                             | anodised aluminium | 1007-130-25 | 099-9912616       |
|                             | anodised aluminium | 1207-130-25 | 099-9912716       |
| custom cut on building site | anodised aluminium | 3621-130-25 | 099-9912816       |



## Mounting accessories

### STANDARD RAIL

| TYPE       | COLOUR             | L-W-H (MM)  | ARTICLE NUMBER(S) |
|------------|--------------------|-------------|-------------------|
|            | anodised aluminium | 1007-130-29 | 099-9951616       |
|            | anodised aluminium | 1207-130-29 | 099-9951716       |
|            | anodised aluminium | 3621-130-29 | 099-9951816       |
| custom cut | anodised aluminium |             | E87280...6        |



### MOUNTING CHANNEL

| TYPE       | COLOUR             | L-W-H (MM)  | ARTICLE NUMBER(S) |
|------------|--------------------|-------------|-------------------|
|            | anodised aluminium | 1210-120-43 | 099-9921716       |
|            | anodised aluminium | 3630-120-43 | 099-9921816       |
|            | anodised aluminium | 1010-120-43 | 099-9921616       |
| custom cut | anodised aluminium |             | E87240...6        |





## Mounting accessories

### END CAP

| TYPE                               | COLOUR             | L-W-H (MM) | ARTICLE NUMBER(S) |
|------------------------------------|--------------------|------------|-------------------|
| left for indirect module           | anodised aluminium | 75-25-3    | 099-9911016       |
| right for indirect module          | anodised aluminium | 75-25-3    | 099-9911116       |
| left for direct / indirect module  | anodised aluminium | 130-25-3   | 099-9912016       |
| right for direct / indirect module | anodised aluminium | 130-25-3   | 099-9912116       |
| left for standard rail             | anodised aluminium |            | 099-9951016       |
| right for standard rail            | anodised aluminium |            | 099-9951116       |



### END CAPS

| TYPE                                | COLOUR             | L-W-H (MM) | ARTICLE NUMBER(S) |
|-------------------------------------|--------------------|------------|-------------------|
| 1 pair   for mounting channel 50 mm | anodised aluminium | 120-50-3   | 099-9931016       |
| 1 pair   for mounting channel 55 mm | anodised aluminium | 120-50-3   | 099-9932016       |
| 1 pair   for mounting channel 75 mm | anodised aluminium | 120-50-3   | 099-9933016       |



## Mounting accessories

### LINEAR CONNECTOR SET

| TYPE                          | COLOUR             | ARTICLE NUMBER(S) |
|-------------------------------|--------------------|-------------------|
| for mounting channel          | anodised aluminium | 099-9941116       |
| for direct / indirect module  | anodised aluminium | 099-9942116       |
| for indirect module           | anodised aluminium | 099-9943116       |
| for D/I module to I channel L | anodised aluminium | 099-9944116       |
| for D/I module to I channel R | anodised aluminium | 099-9945116       |



## Electrical accessories

### THROUGH WIRE

| TYPE  | ARTICLE NUMBER(S) |
|---|-------------------|
| 4×1,5mm <sup>2</sup> + 1×2,5mm <sup>2</sup>   10 pieces | 099-9940110       |



## Electrical accessories

### DALI MODULE

| TYPE                               | L-W-H (MM) | ARTICLE NUMBER(S) |
|------------------------------------|------------|-------------------|
| for control of 4 scenes / 2 groups | 48-28-15   | 002-54026         |





## Electrical accessories

### MASTER UNIT

| TYPE                | L-W-H (MM) | ARTICLE NUMBER(S) |
|---------------------|------------|-------------------|
| single patient room | 85-48-160  | 099-2291137       |
| double patient room | 85-48-160  | 099-2291237       |



### INSTALLATION HOUSING

| L-W-H (MM) | ARTICLE NUMBER(S) |
|------------|-------------------|
| 71-75-135  | 099-2290000       |



### SAFETY FRAME FOR MASTER UNIT

| L-W-H (MM) | ARTICLE NUMBER(S) |
|------------|-------------------|
| 108-15-182 | 099-2298007       |



## Electrical accessories

### DALI LIGHT SENSOR

| TYPE                     | Ø (MM) | ARTICLE NUMBER(S) |
|--------------------------|--------|-------------------|
| recessed ceiling mounted | 86     | 002-54051         |
| surface mounted          | 86     | 002-54058         |
| socket mounted           | 103    | 002-54053         |



## Optical accessories

### BLIND COVER

| TYPE                        | COLOUR             | L-W-H (MM) | ARTICLE NUMBER(S) |
|-----------------------------|--------------------|------------|-------------------|
|                             | anodised aluminium | 1006-45-22 | 099-9913616       |
|                             | anodised aluminium | 1206-45-22 | 099-9913716       |
| custom cut on building site | anodised aluminium | 3620-45-22 | 099-9913816       |
| custom cut                  | anodised aluminium |            | E87230...6        |



### COVER SMALL

| TYPE       | COLOUR             | L-W-H (MM)  | ARTICLE NUMBER(S) |
|------------|--------------------|-------------|-------------------|
|            | anodised aluminium | 1009-120-50 | 099-9931616       |
|            | anodised aluminium | 1209-120-50 | 099-9931716       |
|            | anodised aluminium | 3629-120-50 | 099-9931816       |
| custom cut | anodised aluminium |             | E87250...6        |



### COVER MEDIUM

| TYPE       | COLOUR             | L-W-H (MM)  | ARTICLE NUMBER(S) |
|------------|--------------------|-------------|-------------------|
|            | anodised aluminium | 1009-120-55 | 099-9932616       |
|            | anodised aluminium | 1209-120-55 | 099-9932716       |
|            | anodised aluminium | 3629-120-55 | 099-9932816       |
| custom cut | anodised aluminium |             | E87260...6        |



### COVER BIG

| TYPE       | COLOUR             | L-W-H (MM)  | ARTICLE NUMBER(S) |
|------------|--------------------|-------------|-------------------|
|            | anodised aluminium | 1009-120-75 | 099-9933616       |
|            | anodised aluminium | 1209-120-75 | 099-9933716       |
|            | anodised aluminium | 3629-120-75 | 099-9933816       |
| custom cut | anodised aluminium |             | E87270...6        |

