



## FRAME 60 system

recessed with trim

**EN** Luminaire housing made of extruded aluminium; recessed luminaire with trim; designed for continuous lighting systems; suitable for ceiling thickness of 8-25 mm; surface powder coated; luminaire profile for mounting available in advance; remaining luminaire components mounted without tools; light inset consisting of highly reflective coated extruded profile for improved thermal management; option: lighting module is versatile in length; HPO (High Performance Opal) cover for uniform illumination; micro prismatic PMMA diffuser incl. diffuser film for homogeneous illumination and reduced luminance; wall-washer light inset; energy-efficient LEDs with very good colour rendering

**DE** Leuchtenkörper aus Aluminiumstrangpressprofil; Einbauleuchte mit umlaufendem Rand; ausgelegt für durchgehende Lichtsysteme; geeignet für Deckenstärken von 8-25 mm; Oberfläche pulverbeschichtet; Leuchtenprofil für Montage vorab lieferbar; restliche Leuchtenkomponenten werkzeuglos montierbar; Lichteinsatz bestehend aus hochreflektierend lackiertem Strangpressprofil für verbessertes Thermomanagement; optional flexibel ablängbarer Lichteinsatz; HPO (High Performance Opal) Abdeckung für homogene Ausleuchtung; mikroprismatische PMMA-Abdeckung inkl. Diffusorfolie zur Reduktion der Leuchtdichte bei homogener Ausleuchtung; Wallwasher Lichteinsatz; energieeffiziente LEDs mit sehr guter Farbwiedergabe

### Quickinfo

3000 K, 4000 K, TW  
 CRI ≥ 80, CRI ≥ 90, 3 SDCM  
 up to 2750 lm/m  
 up to 146 lm/W  
 L90 @ 50 000 h  
 non DIM, DALI-2  
 opal, microprismatic (UGR ≤ 19)

### Types



### Colours



### Light distributions



DiiA® standards  
251, 252, 253



single  
luminaire



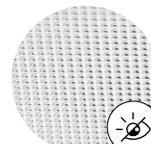
wallwasher  
inset



concrete install.  
housing



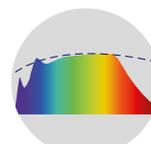
flexible  
inset



microprismatic  
UGR ≤ 19



tunable white  
2700–6500 K



CRI ≥ 98  
XPECTRUM

## Order options

|                 |   |
|-----------------|---|
| <b>LED TYPE</b> |   |
| mid lumen       | L |
| high lumen      | M |

|                            |   |
|----------------------------|---|
| <b>COLOUR TEMPERATURE</b>  |   |
| 3000 K (CRI $\geq$ 90)     | 0 |
| 4000 K (CRI $\geq$ 90)     | 1 |
| 3000 K (CRI $\geq$ 80)     | 5 |
| 4000 K (CRI $\geq$ 80)     | 6 |
| tunable white 2700–6500 K* |   |
| *DALI-2 DT8                |   |

|                          |   |
|--------------------------|---|
| <b>CONTROL</b>           |   |
| non DIM                  | 1 |
| DALI-2 (only high lumen) | 3 |

|                          |   |
|--------------------------|---|
| <b>MATERIAL COLOUR</b>   |   |
| traffic white RAL 9016   | 7 |
| white aluminium RAL 9006 | G |

|                                 |   |
|---------------------------------|---|
| <b>LIGHT OPTIC COVER</b>        |   |
| opal high performance           | H |
| microprismatic                  | Z |
| microprismatic (UGR $\leq$ 19)* | G |
| blind cover**                   | B |

\*UGR $\leq$ 19 only with mid lumen  
\*\*only for channel corner 90°

|                        |       |
|------------------------|-------|
| <b>EMERGENCY LIGHT</b> |       |
| 1h Accupack            | N L 1 |
| 3h Accupack            | N L 3 |

## Options on request

## COLOUR RENDERING INDEX

CRI $\geq$ 98 XPECTRUM

## INSTALLATION CHANNEL

curve

## CONNECTOR

X- and T-connector

**LUMINOUS FLUX** value calculated for  
CRI $\geq$ 80, colour white, cover opal  
microprismatic -13%

## FRAME 60 trim

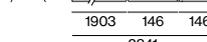
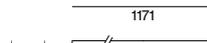


## INSTALLATION CHANNEL / CORNER 90°

| TYPE                       | L (mm)  | ORDER CODE          |
|----------------------------|---------|---------------------|
| channel                    | 1172    | 035-0123            |
| channel                    | 1472    | 035-0153            |
| channel                    | 3000    | 035-0303            |
| channel                    | custom  | E 8 2 1 4 0 . . . . |
| channel corner 90° + cover | 144x144 | 035-1263            |

## LIGHT OPTIC COVER / BLIND COVER

| TYPE              | L (mm) | ORDER CODE            |
|-------------------|--------|-----------------------|
| linear            | 1171   | 006-16122             |
| linear            | 1470   | 006-16152             |
| linear            | 2997   | 006-16302             |
| linear            | custom | E 8 0 6 3 0 . . . . 0 |
| continuous linear | 6000   | 006-23061H            |
| continuous linear | 25000  | 006-23251H            |
| blind cover       | 3000   | 006-1830              |
| blind cover       | custom | E 8 0 6 3 0 . . . .   |



## LIGHT INSET 60

| SYSTEM POWER (MID / HIGH LUMEN) | L (mm)    | ORDER CODE     |
|---------------------------------|-----------|----------------|
| 6.9 / 12.1W                     | 571       | 007-93  2    7 |
| 10.3 / 17.5W                    | 871       | 007-93  3    7 |
| 13.3 / 23.3W                    | 1171      | 007-93  4    7 |
| 16.6 / 29.1W                    | 1463      | 007-93  5    7 |
| 26.6 / 45W                      | 2341      | 007-93  8    7 |
| 33 / 58 W                       | 2997      | 007-93  9    7 |
| 13.3 / 23.3 W flex              | 660-1171  | 007-93  F    7 |
| 26.6 / 45 W flex                | 1903-2341 | 007-93  G    7 |

| COVER             | COLOUR TEMP. | SYSTEM POWER | DELIVERED LUMENS | EFFICACY |
|-------------------|--------------|--------------|------------------|----------|
| mid lumen / opal  | 3000 K       | 11W/m        | 1400lm/m         | 123lm/W  |
| high performance  | 4000 K       |              | 1600lm/m         | 146lm/W  |
| high lumen / opal | 3000 K       | 20 W/m       | 2370lm/m         | 119lm/W  |
| high performance  | 4000 K       |              | 2700lm/m         | 135lm/W  |

## LIGHT INSET 60 tunable white 2700–6500 K

| SYSTEM POWER | L (mm) | ORDER CODE  |
|--------------|--------|-------------|
| 19W          | 871    | 007-9333D37 |
| 25.3W        | 1171   | 007-9334D37 |
| 31W          | 1463   | 007-9335D37 |
| 49W          | 2341   | 007-9338D37 |

## Accessories

## END CAPS

| TYPE            | ORDER CODE |
|-----------------|------------|
| end caps (pair) | 035-1313   |

## LINEAR CONNECTOR / THROUGH WIRE

| TYPE  | ORDER CODE   |
|---|--------------|
| linear connector (1 piece)                                | 005-40046    |
| linear connector (10 pieces)                              | 005-40046.10 |
| opal cover linear connector                               | 006-14000    |
| through wire 3 × 1.5 mm <sup>2</sup> (non DIM, 10 pieces) | 004-90003    |
| through wire 5 × 1.5 mm <sup>2</sup> (DALI-2, 10 pieces)  | 004-90005    |

## MOUNTING BRACKET

| TYPE                         | CEILING THICKNESS (mm) | ORDER CODE   |
|------------------------------|------------------------|--------------|
| mounting bracket (1 piece)   | 8-25                   | 035-10200    |
| mounting bracket (25 pieces) | 8-25                   | 035-10200.25 |

number of brackets required: length of your system in metres+1



# WALLWASHER

inset 60/100

**EN** Lighting module with specially computed, asymmetrical high gloss reflector for homogeneous vertical lighting; lighting module in aluminium, powder coated, installation without tools

**DE** Lichteinsatz mit speziell berechnetem, asymmetrischem Hochglanz-Reflektor für homogene vertikale Beleuchtungen; Lichteinsatz aus pulverbeschichtetem Aluminium werkzeuglos einsetzbar

## Quickinfo

3000K, 4000K  
CRI ≥ 80, 3 SDCM  
up to 96lm/W  
L80 @ 50000h  
non DIM, DALI-2

## Types



## Colours



## Light distribution



wall washer

### Order options

| COLOUR TEMPERATURE |   |
|--------------------|---|
| 3000K              | 5 |
| 4000K              | 6 |

| CONTROL |   |
|---------|---|
| non DIM | 1 |
| DALI-2  | 3 |

| MATERIAL COLOUR            |   |
|----------------------------|---|
| ○ pure white RAL 9010      | 7 |
| ● white aluminium RAL 9006 | G |
| ● jet black RAL 9005       | 8 |

### LIGHT OPTIC

wallwasher

### Planning information



### MOUNTING DISTANCE

| H (mm) | A (mm) |
|--------|--------|
| 2750   | 900    |
| 3000   | 1000   |
| 3500   | 1200   |



### INSET 60 wallwasher



**LIGHT INSET** only for recessed or surface mounting

| SYSTEM POWER | L (mm) | ORDER CODE |
|--------------|--------|------------|
| 10.6 W       | 571    | 007-9042   |
| 14 W         | 871    | 007-9043   |
| 18.7 W       | 1171   | 007-9044   |
| 28 W         | 1471   | 007-9045   |

### Technical data

| SYSTEM POWER | COLOUR TEMPERATURE | DELIVERED LUMENS | EFFICACY |
|--------------|--------------------|------------------|----------|
| 17 W/m       | 3000 K             | 1960 lm/m        | 121 lm/W |
|              | 4000 K             | 2070 lm/m        | 128 lm/W |



INSET 60 wallwasher, 18.7 W, 3000 K

#### ROOM VALUES

Wall dimensions H = 2.8 m | W = 10.8 m  
 Distance to wall B = 1.3 m  
 Distance between luminaires continuous  
 Reflection factor 0.7 | 0.5 | 0.2  
 Maintenance factor 0.8

#### CALCULATION SURFACE

Surface dimensions 10.8 × 2.8 m  
 Surface height 0 – 2.8 m  
 Eye level 1.35 m – 1.75 m



### INSET 100 wallwasher



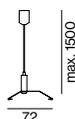
**LIGHT INSET**

| SYSTEM POWER | L (mm) | ORDER CODE |
|--------------|--------|------------|
| 20 W         | 571    | 007-9052   |
| 30 W         | 871    | 007-9053   |
| 40 W         | 1171   | 007-9054   |
| 51 W         | 1463   | 007-9055   |

#### CABLE SUSPENSION

| TYPE                 | L (mm) | ORDER CODE  |
|----------------------|--------|-------------|
| inset 100 wallwasher | 1500   | 005-2132310 |

installation channel is required for mounting



### Technical data

| SYSTEM POWER | COLOUR TEMPERATURE | DELIVERED LUMENS | EFFICACY |
|--------------|--------------------|------------------|----------|
| 35 W/m       | 3000 K             | 2820 lm/m        | 82 lm/W  |
|              | 4000 K             | 2990 lm/m        | 87 lm/W  |



INSET 100 wallwasher, 30 W, 3000 K

#### ROOM VALUES

Wall dimensions H = 2.8 m | W = 10.8 m  
 Distance to wall B = 1.3 m  
 Distance between luminaires continuous  
 Reflection factor 0.7 | 0.5 | 0.2  
 Maintenance factor 0.8

#### CALCULATION SURFACE

Surface dimensions 10.8 × 2.8 m  
 Surface height 0 – 2.8 m  
 Eye level 1.35 m – 1.75 m

### Light distribution



asymmetric

LUMINOUS FLUX value calculated for CRI ≥ 80, colour white, reflector chrome

**Order options**

| NUMBER OF PIECES |  |
|------------------|---|
| 2 pieces         | 2   |
| 3 pieces         | 3   |



**FRAME 40/MINO 40**

**HOUSING FOR CONCRETE INSTALLATION**

| TYPE          | L (mm) | ORDER CODE        |
|---------------|--------|-------------------|
| FRAME 40 trim | 3010   | 0 0 5 - 4 1 3 5 6 |
| MINO 40       | 3010   | 0 0 5 - 4 1 3 5 6 |

**MOUNTING SET**

| TYPE          | ORDER CODE  |
|---------------|---|
| FRAME 40 trim | 0 3 5 - 0 6 0 2  |
| MINO 40       | 0 3 4 - 0 6 0 2  |

up to 900 mm: 2 pieces / up to 1500 mm: 3 pieces / up to 3000 mm: 2 x 2 pieces

**END CAPS**

| TYPE            | ORDER CODE        |
|-----------------|-------------------|
| end caps (pair) | 0 0 5 - 4 1 2 3 6 |

**LINEAR CONNECTOR**

| TYPE                         | ORDER CODE              |
|------------------------------|-------------------------|
| linear connector (1 piece)   | 0 0 5 - 4 1 1 6 6       |
| linear connector (10 pieces) | 0 0 5 - 4 1 1 6 6 . 1 0 |

**CORNER CONNECTOR 90°**

| TYPE          | L (mm) | ORDER CODE        |
|---------------|--------|-------------------|
| FRAME 40 trim | 140    | 0 3 5 - 0 6 0 1 6 |
| MINO 40       | 140    | 0 3 5 - 0 6 0 1 6 |



**Note**  
only for installation in concrete ceilings  
no use for wall installation (only on request)

**CONCRETE** installation housing

**EN** Concrete casting made of aluminium profile, designed for continuous lighting systems

**DE** Betoneingießgehäuse aus Aluminiumprofil, ausgelegt für durchgehende Lichtsysteme

## Order options

| NUMBER OF PIECES |   |
|------------------|---|
| 2 pieces         | 2 |
| 3 pieces         | 3 |



## FRAME 60/MINIMAL 60/MINO 60/BASO 60

### HOUSING FOR CONCRETE INSTALLATION

| TYPE                 | L (mm) | ORDER CODE |
|----------------------|--------|------------|
| FRAME 60 trim        | 3000   | 005-41346  |
| BASO 60 IP54 trim    | 3000   | 005-41346  |
| MINIMAL 60 trimless  | 3000   | 005-41346  |
| MINO 60 ceiling      | 3000   | 005-41446  |
| BASO 60 IP54 surface | 3000   | 005-41446  |

### MOUNTING SET

| TYPE                 | ORDER CODE |
|----------------------|------------|
| FRAME 60 trim        | 035-0600   |
| BASO 60 IP54 trim    | 035-0600   |
| MINIMAL 60 trimless  | 036-0400   |
| MINO 60 ceiling      | 034-0400   |
| BASO 60 IP54 surface | 034-0400   |

up to 900mm: 2 pieces / up to 1500mm: 3 pieces / up to 3000mm: 2 x 2 pieces

### END CAPS

| TYPE            | ORDER CODE |
|-----------------|------------|
| end caps (pair) | 005-41246  |

### LINEAR CONNECTOR

| TYPE                         | ORDER CODE   |
|------------------------------|--------------|
| linear connector (1 piece)   | 005-41166    |
| linear connector (10 pieces) | 005-41166.10 |

### CORNER CONNECTOR 90°

| TYPE                 | L (mm) | ORDER CODE |
|----------------------|--------|------------|
| FRAME 60 trim        | 142    | 035-04016  |
| BASO 60 IP54 trim    | 142    | 035-04016  |
| MINIMAL 60 trimless  | 146    | 036-04016  |
| MINO 60 ceiling      | 157    | 034-04016  |
| BASO 60 IP54 surface | 157    | 034-04016  |

## FRAME 100/MINIMAL 100/MINO 100

### HOUSING FOR CONCRETE INSTALLATION



| TYPE                 | L (mm) | ORDER CODE |
|----------------------|--------|------------|
| FRAME 100 trim       | 3000   | 005-41366  |
| MINIMAL 100 trimless | 3000   | 005-41366  |
| MINO 100 ceiling     | 3000   | 005-41466  |



### MOUNTING SET

| TYPE                 | ORDER CODE |
|----------------------|------------|
| FRAME 100 trim       | 035-0600   |
| MINIMAL 100 trimless | 036-0500   |
| MINO 100 ceiling     | 034-0400   |

up to 900mm: 2 pieces / up to 1500mm: 3 pieces / up to 3000mm: 2x2 pieces



### END CAPS

| TYPE            | ORDER CODE |
|-----------------|------------|
| end caps (pair) | 005-41266  |



### LINEAR CONNECTOR

| TYPE                         | ORDER CODE   |
|------------------------------|--------------|
| linear connector (1 piece)   | 005-41166    |
| linear connector (10 pieces) | 005-41166.10 |



### CORNER CONNECTOR 90°

| TYPE                 | L (mm) | ORDER CODE |
|----------------------|--------|------------|
| FRAME 100 trim       | 202    | 035-05016  |
| MINIMAL 100 trimless | 207    | 036-05016  |
| MINO 100 ceiling     | 207    | 034-05016  |