



FRAME 60 system

recessed with trim

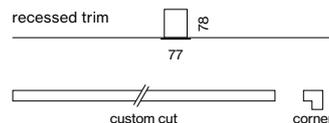
EN Luminaire housing made of extruded aluminium; recessed luminaire with trim; designed for continuous lighting systems; suitable for ceiling thickness of 8-25 mm; surface powder coated; luminaire profile for mounting available in advance; remaining luminaire components mounted without tools; light inset 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

ES Cuerpo de lámpara de perfil extrusionado de aluminio; luminaria empotrable con marco; diseñado para la creación de sistemas continuos; apropiada para grosores de techo entre 8-25 mm; superficie con recubrimiento de pintura en polvo; Perfil disponible para pre-montaje; resto de componentes luminosos montables sin herramienta; elemento de luz formado por perfil extruido con acabado altamente reflectante para una gestión térmica mejorada; elemento de luz opcional recortable a discreción; difusor opal de alta calidad que proporciona una iluminación uniforme; cubierta microprismática de PMMA con lámina difusora para la reducción de iluminancia y un alumbrado homogéneo; inserto bañador de pared; LEDS de alta eficiencia que proporcionan una alta reproducción cromática

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



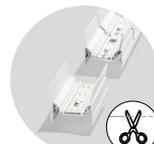
single
luminaire



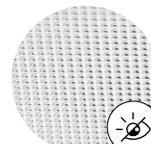
wallwasher
inset



concrete install.
housing



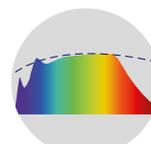
flexible
inset



microprismatic
UGR ≤ 19



tunable white
2700-6500 K



CRI ≥ 98
XPECTRUM

Order options

| | |
|-----------------|---|
| LED TYPE | |
| mid lumen | L |
| high lumen | M |

| | |
|----------------------------|---|
| COLOUR TEMPERATURE | |
| 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 | |

| | |
|--------------------------|---|
| CONTROL | |
| non DIM | 1 |
| DALI-2 (only high lumen) | 3 |

| | |
|--------------------------|---|
| MATERIAL COLOUR | |
| traffic white RAL 9016 | 7 |
| white aluminium RAL 9006 | G |

| | |
|---------------------------------|---|
| LIGHT OPTIC COVER | |
| 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°

| | |
|------------------------|-------|
| EMERGENCY LIGHT | |
| 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

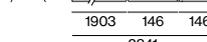
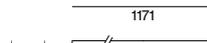


INSTALLATION CHANNEL / CORNER 90°

| 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 ² (non DIM, 10 pieces) | 004-90003 |
| through wire 5 × 1.5 mm ² (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

ES Elemento de luz con reflector asimétrico de alto brillo, especialmente calculado para la iluminación vertical homogénea; elemento de luz de aluminio con recubrimiento de polvo, puede montarse sin herramientas

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 | 005-41356 |
| MINO 40 | 3010 | 005-41356 |

MOUNTING SET

| TYPE | ORDER CODE |
|---------------|------------|
| FRAME 40 trim | 035-0602 |
| MINO 40 | 034-0602 |

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) | 005-41236 |

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 40 trim | 140 | 035-06016 |
| MINO 40 | 140 | 035-06016 |



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

^{ES} Carcasa empotrable en hormigón de perfil aluminio, diseñada para sistemas iluminación continuos

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: 2x2 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 |