



## FRAME 100 system

recessed with trim

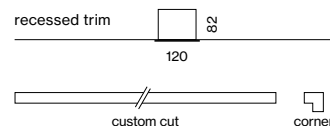
**EN** Luminaire housing made of extruded aluminium; recessed luminaire with trim; for continuous lighting systems; for ceiling thickness of 8-25 mm; surface powder coated; luminaire profile for mounting available in advance; remaining luminaire components mounted without tools; light inset consisting 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; wallwasher 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  $\geq$  80, CRI  $\geq$  90, 3 SDCM  
 UGR  $\leq$  19 /  $65^\circ \leq 3000 \text{ cd/m}^2$   
 up to 3090 lm/m  
 up to 140 lm/W  
 L90 @ 50000 h  
 non DIM, DALI-2  
 opal, microprismatic (UGR  $\leq$  19)

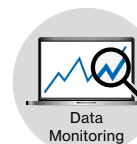
### Types



### Colours



### Light distributions



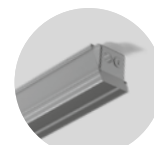
DiiA® standards  
 251, 252, 253



single luminaire  
 (p. 522)



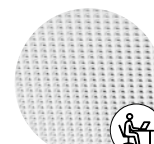
wallwasher  
 inset (p. 944)



concrete install.  
 housing (p. 946)



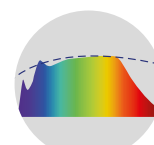
flexible  
 inset



DIN EN 12464-1  
 UGR  $\leq$  19



tunable white  
 2700–6500 K



CRI  $\geq$  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

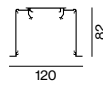
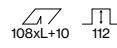
## Options on request

### COLOUR RENDERING INDEX

CRI $\geq$ 98 XPECTRUM

### CONNECTOR

X- and T-connector



## FRAME 100 trim

### INSTALLATION CHANNEL / CORNER 90°

TYPE	L (mm)	ORDER CODE
channel	1172	035-0125
channel	1472	035-0155
channel	3000	035-0305
channel	custom	E 8 2 1 5 0 . . . .
channel corner 90° + cover	205x205	035-1265

### LIGHT OPTIC COVER / BLIND COVER

TYPE	L (mm)	ORDER CODE
linear	1171	006-12122
linear	1470	006-12152
linear	2997	006-12302
linear	custom	E 8 0 6 5 0 . . . . 0
blind cover	3000	006-1130
blind cover	custom	E 8 0 6 5 0 . . . .



### LIGHT INSET 100

SYSTEM POWER (MID/HIGH LUMEN)	L (mm)	ORDER CODE
8.7/13.8 W	571	007-86 2
13/20.6 W	871	007-86 3
15.3/27.5 W	1171	007-86 4
19.2/34 W	1463	007-86 5
31/55 W	2341	007-86 8
38/68 W	2997	007-86 9
15.3/27.5 W flex	660-1171	007-86 F
31/55 W flex	1903-2341	007-86 G

COVER	COLOUR TEMP.	SYSTEM POWER	DELIVERED LUMENS	EFFICACY
mid lumen / opal	3000K	14W/m	1770lm/m	132lm/W
high performance	4000K		1870lm/m	140lm/W
high lumen / opal	3000K	24W/m	2920lm/m	123lm/W
high performance	4000K		3090lm/m	130lm/W

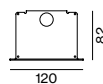
### LIGHT INSET 100 tunable white 2700–6500K

SYSTEM POWER	L (mm)	ORDER CODE
21.7 W	871	007-8633D37
29 W	1171	007-8634D37
36 W	1463	007-8635D37
58 W	2341	007-8638D37

## Accessories

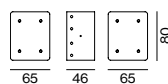
### END CAPS

TYPE	ORDER CODE
end caps (pair)	035-1315



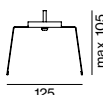
### LINEAR CONNECTOR / THROUGH WIRE

TYPE	ORDER CODE
linear connector (1 piece)	005-40066
linear connector (10 pieces)	005-40066.10
opal cover linear connector	006-10000
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	035-10230
mounting bracket (25 pieces)	8-25	035-10230.25



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

**LUMINOUS FLUX** value calculated for  
CRI $\geq$ 80, colour white, cover opal  
microprism. Z -8%, microprism. G -10%



# WALLWASHER

inset 60/100

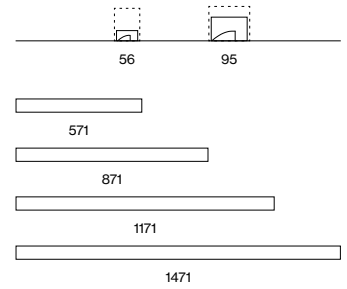
**EN** Lighting module with specially computed, asymmetrical high gloss reflector for homogeneous vertical lighting; lighting module in aluminium, powder coated, installation without tools

**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

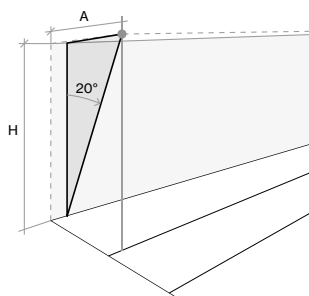
CONTROL	
non DIM	1
DALI-2	3

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

### LIGHT OPTIC

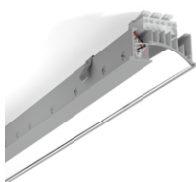
wallwasher

### Planning information



### MOUNTING DISTANCE

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



### INSET 60 wallwasher

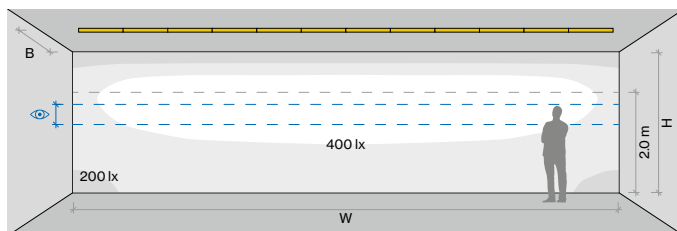


**LIGHT INSET** only for recessed or surface mounting

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



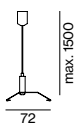
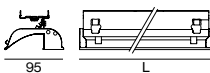
INSET 60 wallwasher, 18.7 W, 3000 K

### 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

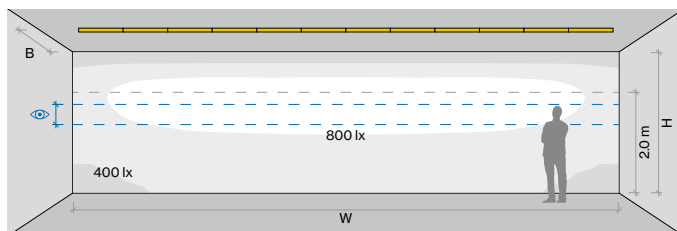
### CABLE SUSPENSION

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

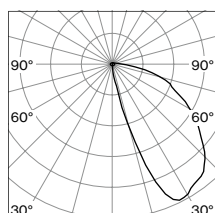
### ROOM VALUES

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

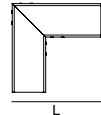
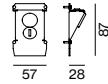
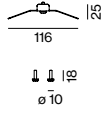


asymmetric

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**

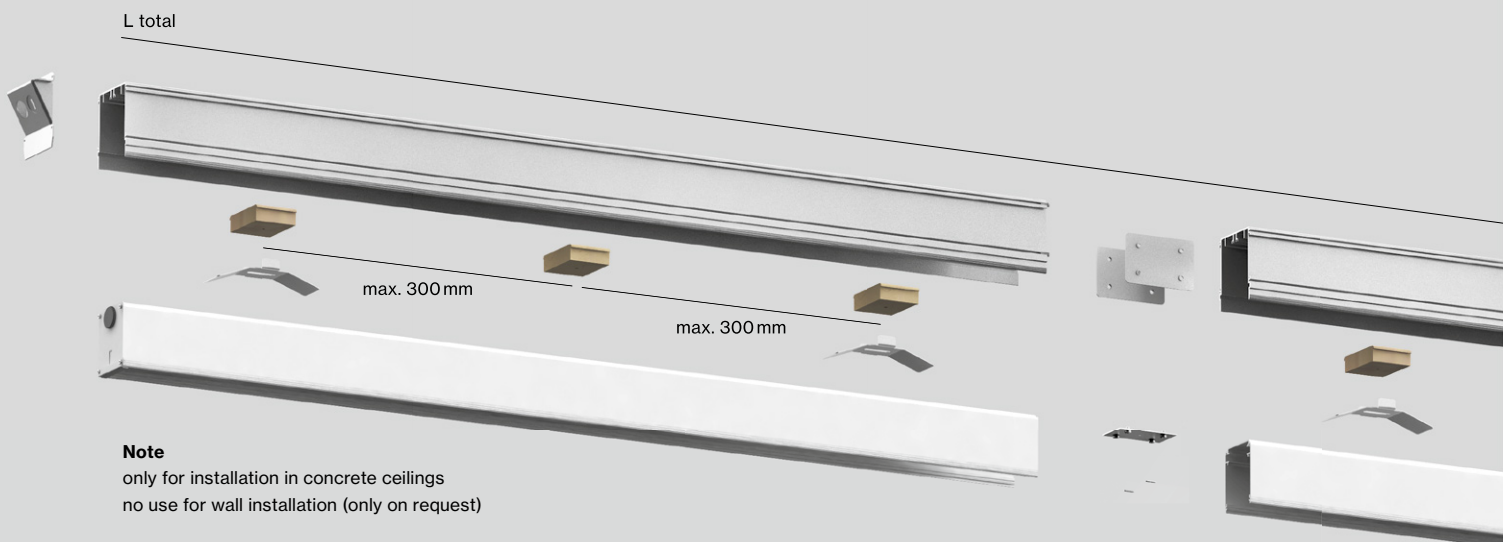
TYPE	ORDER CODE
end caps (pair)	005-41236

**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)

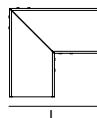
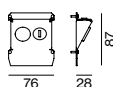
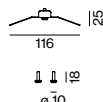
**CONCRETE** installation housing

**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

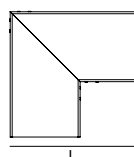
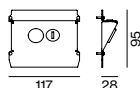
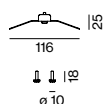
### CORNER CONNECTOR 90°

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