



## MINIMAL 60 system

recessed trimless

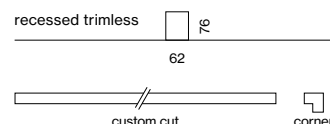
<sup>EN</sup> Luminaire housing made of extruded aluminium; for trimless installation in plasterboard ceilings; special edge design with grooves for better adhesion of filler; for continuous lighting systems; for ceiling thickness of 8-25 mm; surface powder coated; luminaire profile for mounting available in advance; remaining 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-eff. LEDs – very good colour rendering

□ Corpo illuminante in profilo di alluminio estruso; incasso a scomparsa in soffitti di cartongesso; bordatura speciale scanalata per una migliore aderenza dello stucco; per file continue; per soffitti di spessore 8-25 mm; verniciatura a polvere; profilo consegnabile in anticipo; tutti gli altri componenti si fissano senza bisogno di utensili; unità d'illuminazione in profilo di alluminio estruso con verniciatura altamente riflettente per gestione termica migliorata; in opzione unità luminosa accorciabile con flessibilità; diffusore HPO (High Performance Opal) per un'illuminazione omogenea; rifrattore in PMMA a microprismi incl. pellicola di diffusione per ridurre la luminanza mantenendo l'illuminazione omogenea; inserto luminoso wallwasher; LED a risp. energ. – ottima resa cromatica

### Quickinfo

3000 K, 4000 K, TW  
 CRI ≥ 80, CRI ≥ 90, 3 SDCM  
 up to 2760 lm/m  
 up to 125 lm/W  
 L90 @ 50 000 h  
 non DIM, DALI-2  
 opal, microprismatic (UGR ≤ 19)

### Types



### Colour



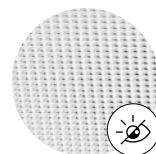
### Light distributions



Dii® standards  
 251, 252, 253



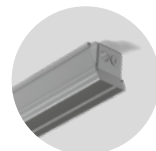
single luminaire  
 (p. 510)



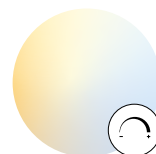
microprismatic  
 UGR ≤ 19



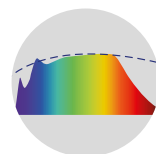
wallwasher  
 inset (p. 944)



concrete install.  
 housing (p. 946)




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 <sub>≥</sub> 90)	0
4000 K (CRI <sub>≥</sub> 90)	1
3000 K (CRI <sub>≥</sub> 80)	5
4000 K (CRI <sub>≥</sub> 80)	6
tunable white 2700–6500 K*	
*DALI-2 DT8	


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

### MATERIAL COLOUR

traffic white RAL 9016

<b>LIGHT OPTIC COVER</b>	
opal high performance	H
microprismatic	Z
microprismatic (UGR <sub>≤</sub> 19)*	G
blind cover**	B

\*UGR<sub>≤</sub>19 only with mid lumen  
\*\*only for channel corner 90°

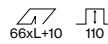
<b>EMERGENCY LIGHT</b>	
1h Accupack	N L 1
3h Accupack	N L 3

## Options on request

### COLOUR RENDERING INDEX

CRI<sub>≥</sub>98 XPECTRUM

**LUMINOUS FLUX** value calculated for  
CRI<sub>≥</sub>80, colour white, cover opal  
microprismatic -13%



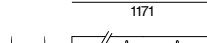
## MINIMAL 60 trimless

### INSTALLATION CHANNEL / CORNER 90°

TYPE	L (mm)	ORDER CODE
channel	1172	036-01247
channel	1472	036-01547
channel	3000	036-03047
channel	custom	E82030...7
channel corner 90° + cover	140x140	036-12647

### LIGHT OPTIC COVER / BLIND COVER

TYPE	L (mm)	ORDER CODE
linear	1171	006-16122
linear	1470	006-16152
linear	2997	006-16302
linear	custom	E80630...0
continuous linear	6000	006-23061H
continuous linear	25000	006-23251H
blind cover	3000	006-18307
blind cover	custom	E80630...7B



### LIGHT INSET 60

SYSTEM POWER (MID/HIGH LUMEN)	L (mm)	ORDER CODE
8.7 / 13.8 W	571	007-9322...7
13 / 20.6 W	871	007-9323...7
15.3 / 27.5 W	1171	007-9324...7
19.2 / 34 W	1463	007-9325...7
31 / 55 W	2341	007-9328...7
38 / 68 W	2997	007-9329...7
flexible inset 15.3 / 27.5 W	660-1171	007-932F...7
flexible inset 31 / 55 W	1903-2341	007-932G...7

COVER	COLOUR TEMP.	SYSTEM POWER	DELIVERED LUMENS	EFFICACY
mid lumen / opal	3000 K	14 W/m	1540 lm/m	118 lm/W
high performance	4000 K		1640 lm/m	125 lm/W
high lumen / opal	3000 K	24 W/m	2540 lm/m	110 lm/W
high performance	4000 K		2700 lm/m	116 lm/W

### LIGHT INSET 60 tunable white 2700–6500 K

SYSTEM POWER	L (mm)	ORDER CODE
21.7 W	871	007-9333D37
29 W	1171	007-9334D37
36 W	1463	007-9335D37
58 W	2341	007-9338D37

## Accessories

### END CAPS

TYPE	ORDER CODE
end caps (pair)	036-13047

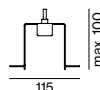
### LINEAR CONNECTOR / THROUGH WIRE

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	036-10200
mounting bracket (25 pieces)	8-25	036-10200.25

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





# WALLWASHER

inset 60/100

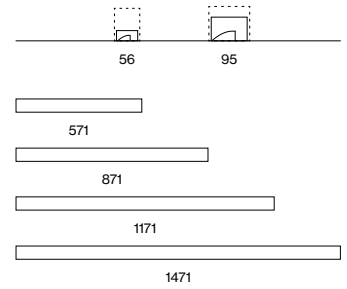
**EN** Lighting module with specially computed, asymmetrical high gloss reflector for homogeneous vertical lighting; lighting module in aluminium, powder coated, installation without tools

**IT** Unità luminosa con riflettore brillantato asimmetrico ottimizzato per illuminazione verticale omogenea; unità luminosa in alluminio verniciato a polvere, montaggio senza utensili

## 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

<b>COLOUR TEMPERATURE</b>	☐☐
3000K	5
4000K	6

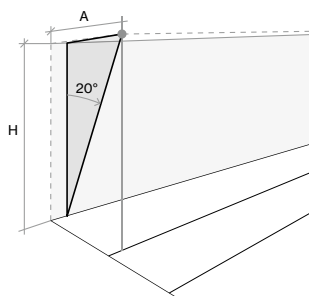
<b>CONTROL</b>	⬆️⬆️
non DIM	1
DALI-2	3

<b>MATERIAL COLOUR</b>	☑️
○ pure white RAL 9010	7
● white aluminium RAL 9006	G
● jet black RAL 9005	8

### LIGHT OPTIC

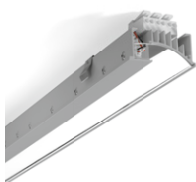
wallwasher

### Planning information



### MOUNTING DISTANCE

<b>H (mm)</b>	<b>A (mm)</b>
2750	900
3000	1000
3500	1200



### INSET 60 wallwasher

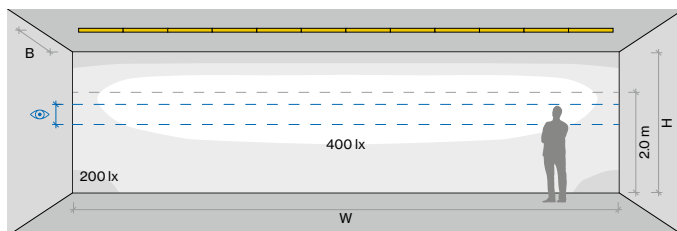


**LIGHT INSET** only for recessed or surface mounting

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



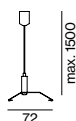
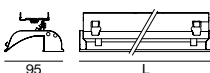
**INSET 60** wallwasher, 18.7 W, 3000 K

### 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 ☐☐☐☐

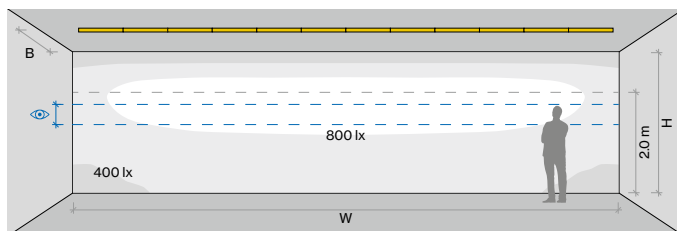
### CABLE SUSPENSION

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

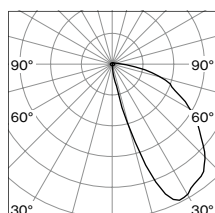
### ROOM VALUES

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

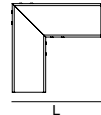
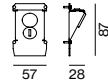
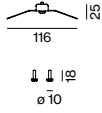


asymmetric

**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**

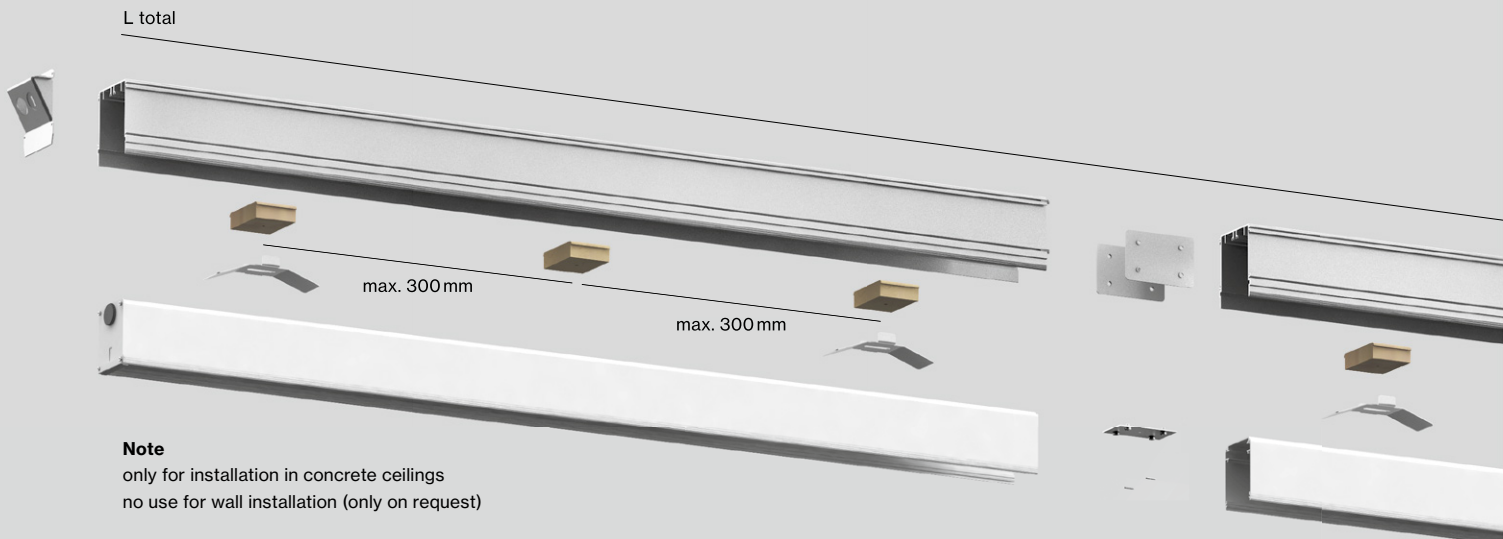
TYPE	ORDER CODE
end caps (pair)	005-41236

**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)

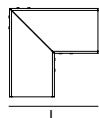
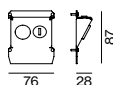
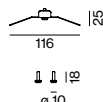
**CONCRETE** installation housing

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

 Telaio da incasso per calcestruzzo in profilo di alluminio, per sistemi di file continue

## 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

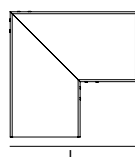
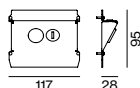
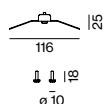
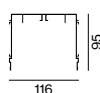
## CORNER CONNECTOR 90°

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