

MINIMAL 60 system

recessed trimless

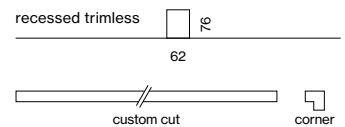
EN Luminaire housing made of extruded aluminium; for trimless installation in plasterboard ceilings; special edge design with grooves for better adhesion of filler; for continuous lighting systems; for ceiling thickness of 8-25 mm; surface powder coated; luminaire profile for mounting available in advance; 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

ES Cuerpo de lámpara de perfil extrusionado de aluminio; para montaje sin marco en techos de yeso; con diseño especial en los bordes para facilitar una mejor fijación del producto ; para sistemas de iluminación continuos; para espesores de techo de 8-25mm; superficie con recubrimiento de pintura en polvo; Perfil disponible para pre-montaje; los demás componentes se pueden montar sin herramientas; 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; LED energét. efíc. – excelente reprod. crom.

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



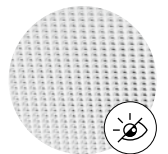
Light distributions



Dii® standards
 251, 252, 253



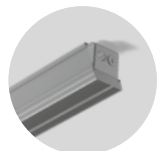
single luminaire
 (p. 510)



microprismatic
 UGR ≤ 19



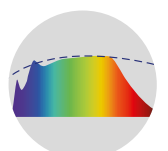
wallwasher
 inset (p. 944)



concrete install.
 housing (p. 946)




tunable white
 2700–6500 K




CRI ≥ 98
 XPECTRUM

Order options


LED TYPE	
mid lumen	L
high lumen	M

COLOUR TEMPERATURE	
3000 K (CRI _≥ 90)	0
4000 K (CRI _≥ 90)	1
3000 K (CRI _≥ 80)	5
4000 K (CRI _≥ 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

LIGHT OPTIC COVER	
opal high performance	H
microprismatic	Z
microprismatic (UGR _≤ 19)*	G
blind cover**	B

*UGR_≤19 only with mid lumen
**only for channel corner 90°

EMERGENCY LIGHT	
1h Accupack	N L 1
3h Accupack	N L 3

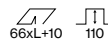
Options on request

COLOUR RENDERING INDEX


CRI_≥98 XPECTRUM

LUMINOUS FLUX value calculated for
CRI_≥80, colour white, cover opal
microprismatic -13%





MINIMAL 60 trimless



INSTALLATION CHANNEL / CORNER 90°

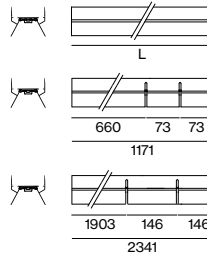
TYPE	L (mm)	ORDER CODE
channel	1172	036-01247
channel	1472	036-01547
channel	3000	036-03047
channel	custom	E 82030 7
channel corner 90° + cover	140x140	036-12647 


















LIGHT OPTIC COVER / BLIND COVER

TYPE	L (mm)	ORDER CODE
linear	1171	006-16122 
linear	1470	006-16152 
linear	2997	006-16302 
linear	custom	E 80630 0 
continuous linear	6000	006-23061H
continuous linear	25000	006-23251H
blind cover	3000	006-18307
blind cover	custom	E 80630 7B



LIGHT INSET 60



SYSTEM POWER (MID/HIGH LUMEN)	L (mm)	ORDER CODE
8.7 / 13.8 W	571	007-93  2  7
13 / 20.6 W	871	007-93  3  7
15.3 / 27.5 W	1171	007-93  4  7
19.2 / 34 W	1463	007-93  5  7 
31 / 55 W	2341	007-93  8  7
38 / 68 W	2997	007-93  9  7
flexible inset 15.3 / 27.5 W	660-1171	007-93  F  7
flexible inset 31 / 55 W	1903-2341	007-93  G  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

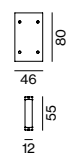
SYSTEM POWER	L (mm)	ORDER CODE
21.7 W	871	007-9333D37
29 W	1171	007-9334D37
36 W	1463	007-9335D37
58 W	2341	007-9338D37

Accessories



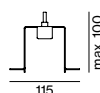
END CAPS

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 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	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

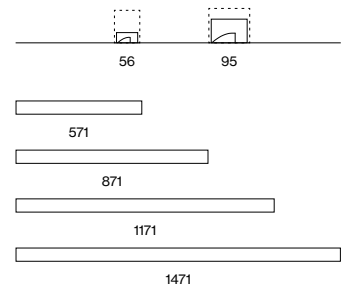
EN Lighting module with specially computed, asymmetrical high gloss reflector for homogeneous vertical lighting; lighting module in aluminium, powder coated, installation without tools

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

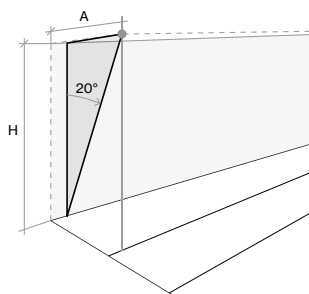
CONTROL	⬆️⬆️
non DIM	1
DALI-2	3

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

LIGHT OPTIC

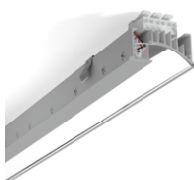
wallwasher

Planning information



MOUNTING DISTANCE

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



INSET 60 wallwasher

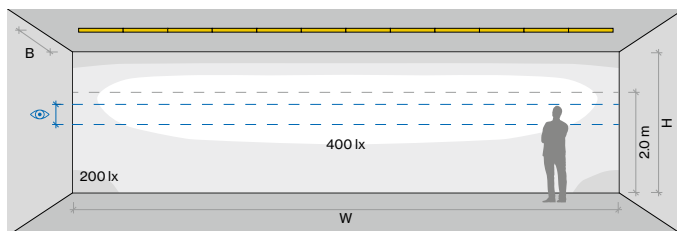


LIGHT INSET only for recessed or surface mounting

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



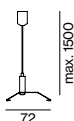
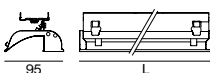
INSET 60 wallwasher, 18.7 W, 3000 K

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 ☐☐☐☐

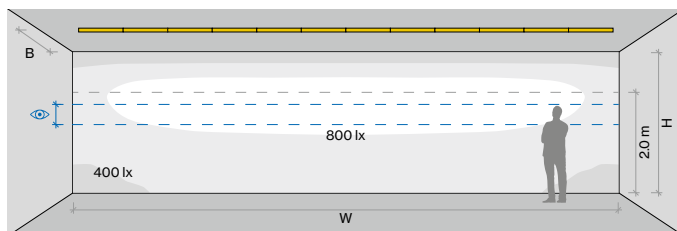
CABLE SUSPENSION

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

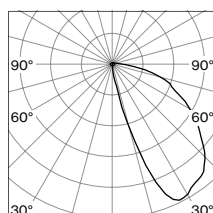
ROOM VALUES

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

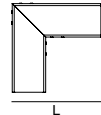
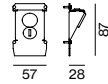
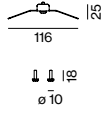


asymmetric

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	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

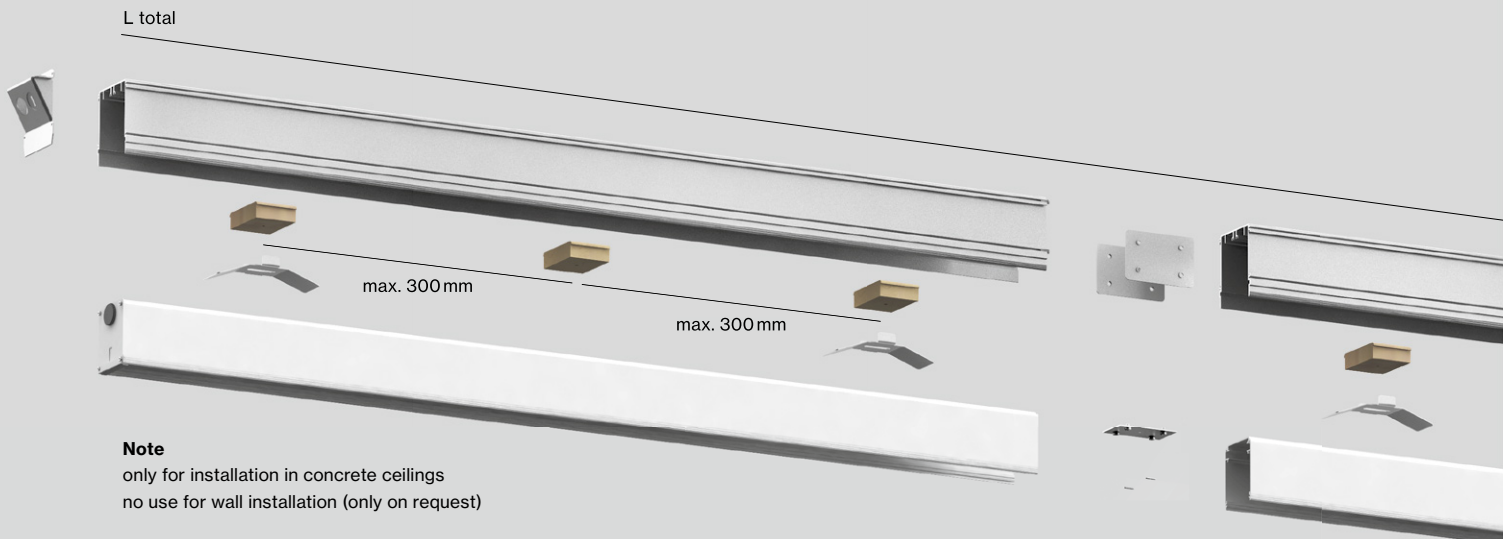
TYPE	ORDER CODE
end caps (pair)	0 0 5 - 4 1 2 3 6

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)

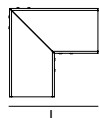
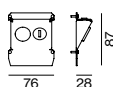
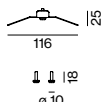
CONCRETE installation housing

^{EN} Concrete casting made of aluminium profile, designed for continuous lighting systems

^{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: 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°

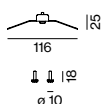
TYPE	L (mm)	ORDER CODE
FRAME 60 trim	142	035-04016
BASO 60 IP54 trim	142	035-04016
MINIMAL 60 trimless	146	036-04016
MINO 60 ceiling	157	034-04016
BASO 60 IP54 surface	157	034-04016

FRAME 100 / MINIMAL 100 / MINO 100

HOUSING FOR CONCRETE INSTALLATION



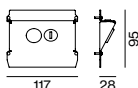
TYPE	L (mm)	ORDER CODE
FRAME 100 trim	3000	005-41366
MINIMAL 100 trimless	3000	005-41366
MINO 100 ceiling	3000	005-41466



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



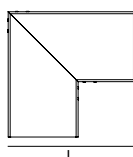
END CAPS

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