

MINIMAL 100 system

recessed trimless

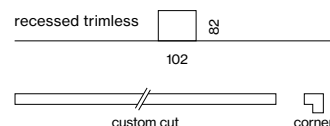
^{EN} Luminaire housing made of extruded aluminium; for trimless installation in plasterboard ceilings; special edge design with grooves for better adhesion of filler; for continuous lighting systems; for ceiling thickness of 8-25 mm; surface powder coated; luminaire profile for mounting available in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

□ 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
 UGR ≤ 19 / 65° ≤ 3000 cd/m²
 up to 3090 lm/m
 up to 140 lm/W
 L90 @ 50000 h
 non DIM, DALI-2
 opal, microprismatic (UGR ≤ 19)

Types



Colour



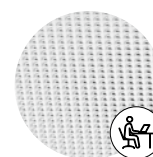
Light distributions



DiiA® standards
 251, 252, 253



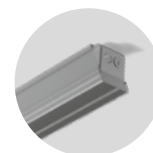
single luminaire
 (p. 512)



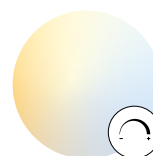
DIN EN 12464-1
 UGR ≤ 19



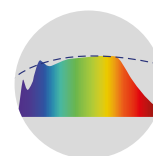
wallwasher
 inset (p. 944)



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

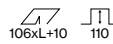
1h Accupack	N L 1
3h Accupack	N L 3

Options on request

COLOUR RENDERING INDEX

CRI_≥98 XPECTRUM

MINIMAL 100 trimless

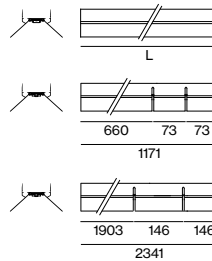


INSTALLATION CHANNEL / CORNER 90°

TYPE	L (mm)	ORDER CODE
channel	1172	036-01267
channel	1472	036-01567
channel	3000	036-03067
channel	custom	E 8 2 0 5 0 7
channel corner 90° + cover	200x200	036-12667 □

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	006-11307
blind cover	custom	E 8 0 6 5 0 7 B



LIGHT INSET 100

SYSTEM POWER (MID/HIGH LUMEN)	L (mm)	ORDER CODE
8.7/13.8 W	571	007-86 2 ■ 2 ■ 7
13/20.6 W	871	007-86 3 ■ 3 ■ 7
15.3/27.5 W	1171	007-86 4 ■ 4 ■ 7
19.2/34 W	1463	007-86 5 ■ 5 ■ 7 ●
31/55 W	2341	007-86 8 ■ 8 ■ 7
38/68 W	2997	007-86 9 ■ 9 ■ 7
flexible inset 15.3/27.5 W	660-1171	007-86 F ■ 7
flexible inset 31/55 W	1903-2341	007-86 G ■ 7

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

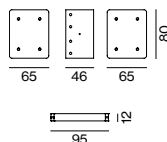
END CAPS

TYPE	ORDER CODE
end caps (pair)	036-13067



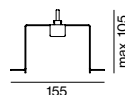
LINEAR CONNECTOR / THROUGH WIRE

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 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	036-10300
mounting bracket (25 pieces)	8–25	036-10300 . 25



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

LUMINOUS FLUX value calculated for CRI_≥80, colour white, cover opal microprism. Z -8%, microprism. G -10%



WALLWASHER

inset 60/100

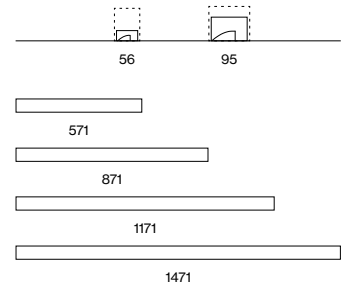
EN Lighting module with specially computed, asymmetrical high gloss reflector for homogeneous vertical lighting; lighting module in aluminium, powder coated, installation without tools

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

COLOUR TEMPERATURE	
3000K	5
4000K	6

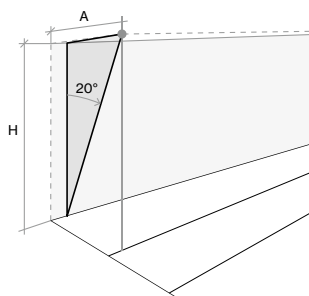
CONTROL	
non DIM	1
DALI-2	3

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

LIGHT OPTIC

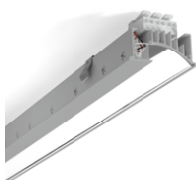
wallwasher

Planning information



MOUNTING DISTANCE

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



INSET 60 wallwasher

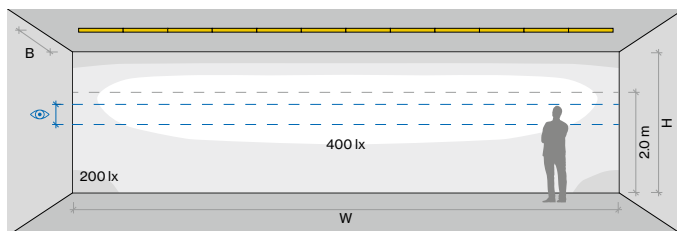


LIGHT INSET only for recessed or surface mounting

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



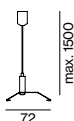
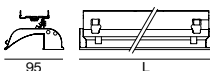
INSET 60 wallwasher, 18.7 W, 3000 K

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

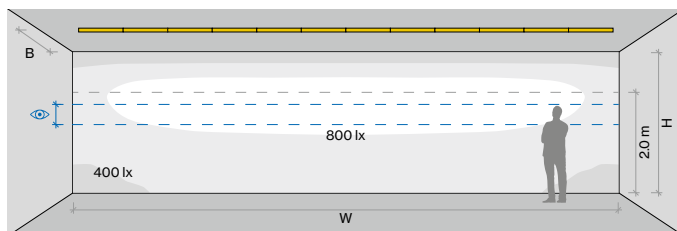
CABLE SUSPENSION

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

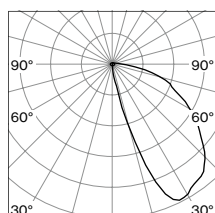
ROOM VALUES

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

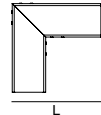
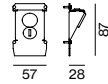
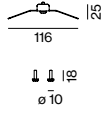


asymmetric

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

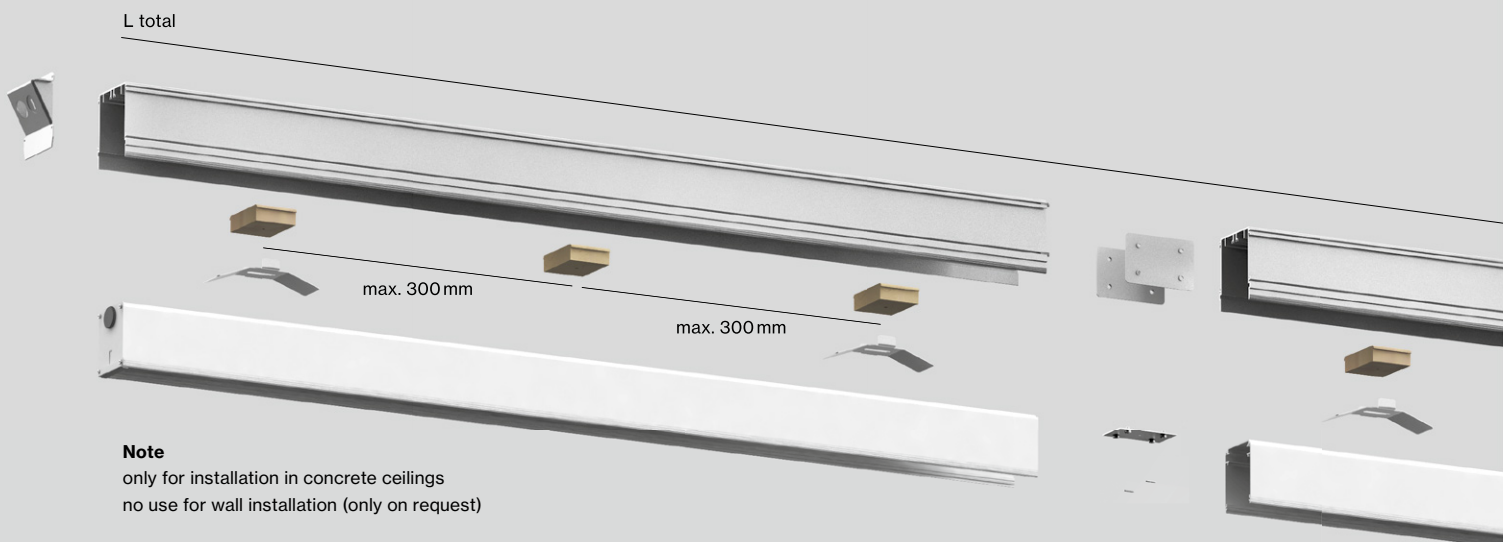
TYPE	ORDER CODE
end caps (pair)	005-41236

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)

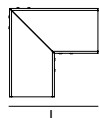
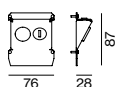
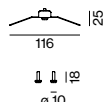
CONCRETE installation housing

 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: 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°

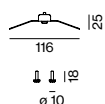
TYPE	L (mm)	ORDER CODE
FRAME 60 trim	142	035-04016
BASO 60 IP54 trim	142	035-04016
MINIMAL 60 trimless	146	036-04016
MINO 60 ceiling	157	034-04016
BASO 60 IP54 surface	157	034-04016

FRAME 100/MINIMAL 100/MINO 100

HOUSING FOR CONCRETE INSTALLATION



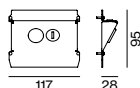
TYPE	L (mm)	ORDER CODE
FRAME 100 trim	3000	005-41366
MINIMAL 100 trimless	3000	005-41366
MINO 100 ceiling	3000	005-41466



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



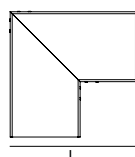
END CAPS

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