

PATENT

ANDROMEDA Q

Design by Carla Baratelli



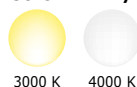
Famiglia di apparecchi a incasso per interni in dimensioni modulari

- **Applicazioni:** controsoffitti, mensole, teche, vetrine
- **Ambientazioni:** hotel, abitazioni private, musei, centri commerciali, sale conferenze
- **Installazioni:** da incasso a soffitto
- **Materiali:** alluminio - metacrilato
- **Finiture:** verniciato alluminio o bianco opaco - inox lucido
- **Sorgente LED:** alta potenza
- **Ottiche:** 13° - 23° - 35° - diffusore opale
- **Efficienza LED:** 105 - 130 lm/W
- **Funzionamento:** accensione on-off o dimmerabile
- **Caratteristiche:** dimensioni di incasso ridotte
- **Alimentazione:** tensione costante 24 Vdc

Family of recessed modular downlights for indoor applications

- **Applications:** false ceilings, shelves, showcases, shop windows
- **Settings:** hotels, private houses, museums, shopping centers, conference halls
- **Installation:** ceiling recessed
- **Materials:** aluminium - methacrylate
- **Finishes:** painted aluminium or matt white - polished stainless steel
- **LED Light source:** high power
- **Optics:** 13° - 23° - 35° - opal diffuser
- **LED efficiency:** 105 - 130 lm/W
- **Functions:** on-off, dimmable
- **Features:** reduced recessing dimensions
- **Power supply:** constant voltage 24 Vdc

Colori LED / LED Colours



Caratteristiche / Features

IP40 IK05 650°C



Ra
>80



Ra
>80

2-STEP
MACADAM

0°C
40°C

118 - 130
lm/W

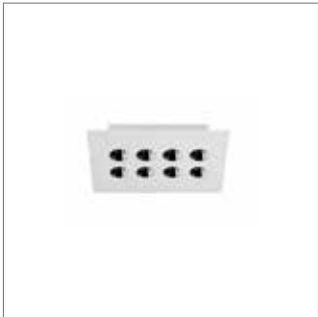


ANDROMEDA Q POWER LED 24 Vdc MONOCROMATICO / MONOCHROMATIC example AND.01.M30S2.0

versione version	potenza total power [W]	codice code	+	ottiche optics	+	colori LED LED colours	+	finiture finishes	+	revisione release
Q1	5	AND.01		.M  narrow beam 13°		30  warm white 3000 K		S2  acciaio inox lucido polished stainless steel		.0
Q2	10	AND.02		.F  medium beam 23°		40  neutral white 4000 K		W1  bianco opaco matt white		
Q3	20	AND.03		.W  wide beam 35°				G1  verniciato alluminio painted aluminium		
				.D  schermo opale opal screen						



Andromeda Q1



Andromeda Q2



Andromeda Q3

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Elettronica / electronics	pag. 192
Schemi di collegamento / connection diagrams	pag. 200 - D1/F1/G1/K1/P1

Note / Notes

Alimentazione a tensione costante 24 Vdc dimmerabile, collegamento in parallelo / constant voltage 24 Vdc supply dimmable, parallel connection
A richiesta anche con Power LED nei colori rosso, blue o verde / On request, Power LED are available also in red, blue or green colours



SCHEMA TECNICA

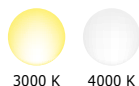
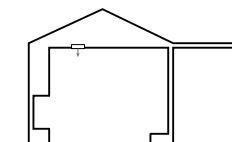
Corpo	lega di alluminio ANTICORODAL UNI 6060 verniciato
Cornice frontale	acciaio inox
Dissipatore	lega di alluminio ANTICORODAL UNI 6060 anodizzato nero
Viteria	acciaio inox
Fissaggio	con muelles en acciaio inox
Pressacavo	grano in nylon
Ottica	narrow beam (13°) - medium beam (23°) - wide beam (35°) - schermo opale
Cavi di alimentazione	vedi tabella pag. 196
Alimentazione	tensione costante 24 Vdc (±5%) - collegamento in parallelo
Potenza assorbita	Q1: 5 W - Q2: 10 W - Q3: 20 W
Efficienza luminosa	105 - 130 lm/W
CRI	Ra > 80
Selezione cromatica	2-step MacAdam
Montaggio consigliato	a incasso (soffitto)
Temperatura di funzionamento	0°C ÷ 40°C
Peso	Q1: 175 g - Q2: 300 g - Q3: 480 g
Grado di protezione	IP40, IK05
Marchi	CE
Normativa	prodotti in conformità alle vigenti norme EN 60598-1; EN 60598-2 e sue parti

TECHNICAL INFORMATION

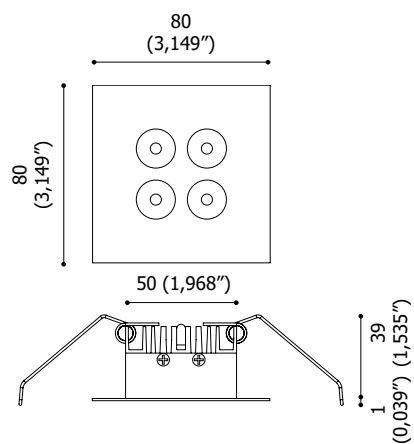
Body	<i>painted ANTICORODAL aluminium alloy UNI 6060</i>
Frontal frame	<i>stainless steel</i>
Dissipator	<i>anodized black ANTICORODAL aluminium alloy UNI 6060</i>
Screws	<i>stainless steel</i>
Installation	<i>with stainless steel fixing springs</i>
Cord grip	<i>nylon granule</i>
Optics	<i>narrow beam (13°) - medium beam (23°) - wide beam (35°) - opal screen</i>
Power supply cables	<i>see table page 196</i>
Power supply	<i>24 Vdc constant voltage (±5%) - parallel connection</i>
Power consumption	Q1: 5 W - Q2: 10 W - Q3: 20 W
Luminous efficiency	<i>105 - 130 lm/W</i>
CRI	<i>Ra > 80</i>
Chromatic selection	<i>2-step MacAdam</i>
Recommended installation	<i>recessed (ceiling)</i>
Working temperature	<i>0°C ÷ 40°C</i>
Weight	Q1: 175 g (6.17 oz) - Q2: 300 g (10.58 oz) - Q3: 480 g (16.93 oz)
Protection degree	<i>IP40, IK05</i>
Markings	<i>CE</i>
Norms	<i>products comply with norms EN 60598-1; EN 60598-2 and its parts</i>

Importante / Remarks:

La temperatura del metallo in prossimità del LED non deve superare il valore di 90°C
 The metal's temperature near the LED should not exceed 90°C (194°F)

Colori LED
LED ColoursFiniture
FinishesMontaggio consigliato
Recommended installation

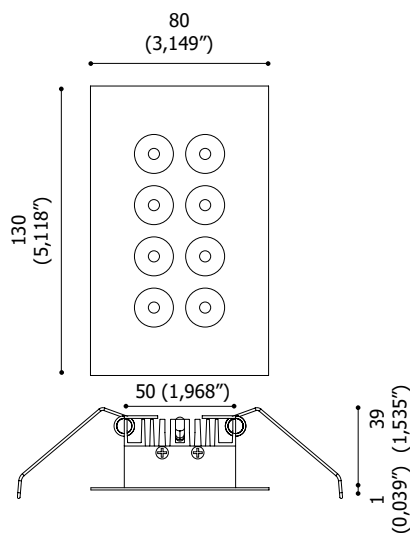
ANDROMEDA Q1



Foro incasso
Dimensions of recessing hole

 Andromeda Q1 60x56 mm (2,362" x 2,204")

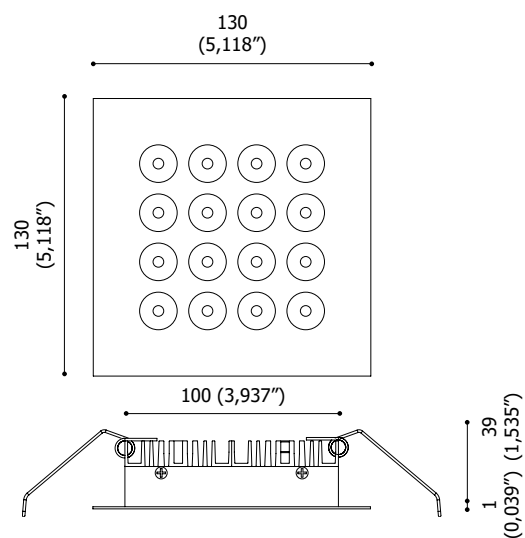
ANDROMEDA Q2



Foro incasso
Dimensions of recessing hole

 Andromeda Q2 60x106 mm (2,362" x 4,173")

ANDROMEDA Q3



Foro incasso
Dimensions of recessing hole

 Andromeda Q3 110x106 mm (4,33"x4,173")

GEMMA

Design by Walter Gadda



Apparecchio a incasso per interni ed esterni

- **Applicazione:** controsoffitti, mensole, pareti
- **Ambientazione:** hotel, abitazioni private, negozi, teche, cieli stellati, facciate, gradini
- **Installazione:** a incasso
- **Materiale:** alluminio - vetro
- **Finiture:** alluminio anodizzato
- **Sorgente LED:** alta potenza
- **Ottiche:** 9° - 24° - 43° - 48° - vetro satinato
- **Efficienza LED:** 105 - 130 lm/W
- **Funzionamento:** accensione on-off o dimmerabile
- **Caratteristiche:** corpo unico - alette per fissaggio senza cassaforma
- **Alimentazione:** corrente costante 350/500mA
tensión constante 24Vdc

DISPONIBILE
FINO AD ESAURIMENTO SCORTA.

AVAILABLE
WHILE SUPPLY LASTS

Recessed fixture for indoor and outdoor applications

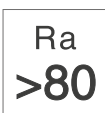
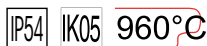
- **Applications:** false ceilings, shelves, walls
- **Setting:** hotels, private houses, retail showrooms, showcases, star ceilings, facades, steps
- **Installation:** recessed
- **Material:** aluminium - glass
- **Finishes:** anodized aluminium
- **LED Light source:** high power
- **Optics:** 9° - 24° - 43° - 48° - satin glass
- **LED efficiency:** 105 - 130 lm/W
- **Functions:** on-off, dimmable
- **Features:** one-piece - fixing springs mean no recessing box required
- **Power supply:** constant current 350/500mA
constant voltage 24Vdc

Colori LED / LED Colours



2700 K 3000 K 4000 K

Caratteristiche / Characteristics







Ra
>80

Power LED



Mid Power LED



105 - 130
lm/W

GEMMA HIGH POWER LED 4 W 350 mA

example **GEM.02.S30A1.0**

alimentazione power supply [mA]	potenza total power [W]	codice code	+	ottiche optics	+	colori LED LED colours	+	finiture finishes	+	revisione release
350	4	GEM.02		.F  medium beam 24°		27  warm white 2700 K		A1  alluminio anodizzato anodized aluminium		.0
				.W  wide beam 48°		30  warm white 3000 K				
				.S  schermo satinato satin screen		40  neutral white 4000 K				

GEMMA POWER LED 1 W 350 mA - 1,5 W 500 mA

example **GEM.01.W40A1.0**

alimentazione power supply [mA]	potenza total power [W]	codice code	+	ottiche optics	+	colori LED LED colours	+	finiture finishes	+	revisione release
350/500	1/1,5	GEM.01		.N  spot 9°		27  warm white 2700 K		A1  alluminio anodizzato anodized aluminium		.0
				.F  medium beam 24°		30  warm white 3000 K				
				.W  wide beam 43°		40  neutral white 4000 K				
				.S  schermo satinato satin screen						

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Note / Notes

Alimentazione a corrente costante 350/500 mA, collegamento in serie / 350/500 mA constant current supply, series connection

A richiesta anche con Power LED nei colori rosso, blue o verde / On request, Power LED are available also in red, blue or green colours



Ra
>80

Power LED



Mid Power LED



105 - 130
lm/W

GEMMA HIGH POWER LED 4,5 W 24 Vdc

example **GEM.04.F30A1.0**

alimentazione power supply [Vdc]	potenza total power [W]	codice code	+	ottiche optics	+	colori LED LED colours	+	finiture finishes	+	revisione release
24	4,5	GEM.04		.F  medium beam 24°		27  warm white 2700 K		A1  alluminio anodizzato anodized aluminium		.0
				.W  wide beam 48°		30  warm white 3000 K				
				.S  schermo satinato satin screen		40  neutral white 4000 K				

GEMMA POWER LED 2 W 24 Vdc

example **GEM.03.N27A1.0**

alimentazione power supply [Vdc]	potenza total power [W]	codice code	+	ottiche optics	+	colori LED LED colours	+	finiture finishes	+	revisione release
24	2	GEM.03		.N  spot 9°		27  warm white 2700 K		A1  alluminio anodizzato anodized aluminium		.0
				.F  medium beam 24°		30  warm white 3000 K				
				.W  wide beam 43°		40  neutral white 4000 K				
				.S  schermo satinato satin screen						

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Note / Notes

Alimentazione a tensione costante 24 Vdc dimmerabile, collegamento in parallelo / constant voltage 24 Vdc supply dimmable, parallel connection
A richiesta anche con Power LED nei colori rosso, blue o verde / On request, Power LED are available also in red, blue or green colours

SCHEDA TECNICA

Corpo	alluminio ANTICORODAL EN AW-6060
Dissipatore	alluminio ANTICORODAL EN AW-6060
Schermo	vetro piano trasparente o satinato
Viteria	acciaio inox AISI 316L
Ottica	spot (9°) - medium beam (24°) - wide beam (43° - 48°) - schermo satinato
Guarnizioni	VHB, NBR
Pressacavo	PG7 in ottone nichelato
Fissaggio	tramite molle in acciaio inox
Cavi di alimentazione	vedi tabella pag. 196
Alimentazione	tensione costante 24 Vdc (±5%) - corrente costante 350/500 mA
Potenza assorbita	monocromatico: 350 mA 1 W / 4 W - 500 mA 1,5 W - 24 Vdc 2 W / 4,5 W
Efficienza luminosa	105 - 130 lm/W
CRI	Ra > 80
Selezione cromatica	Power LED: 2-step MacAdam - High Power LED: 3-step MacAdam
Montaggio consigliato	a incasso (parete, soffitto)
Temperatura di funzionamento	0°C ÷ 40°C
Peso	versione 24 Vdc: 140 g - versione 350/500 mA: 75 g
Grado di protezione	IP54, IK05
Marchi	CE
Normativa	prodotti in conformità alle vigenti norme EN 60598-1; EN 60598-2 e sue parti

TECHNICAL INFORMATION

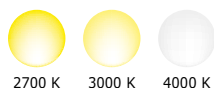
Body	ANTICORODAL aluminium EN AW-6060
Dissipator	ANTICORODAL aluminium EN AW-6060
Screen	transparent or satin flat glass
Screws	stainless steel AISI 316L
Optics	spot (9°) - medium beam (24°) - wide beam (43° - 48°) - satin screen
Gaskets	VHB, NBR
Cable gland	PG7 in nicked brass
Installation	through stainless steel springs
Power supply cables	see table page 196
Power supply	constant voltage 24 Vdc (±5%) - 350/500 mA constant current
Power consumption	monochromatic: 350 mA 1 W / 4 W - 500 mA 1,5 W - 24 Vdc 2 W / 4,5 W
Luminous efficiency	105 - 130 lm/W
CRI	Ra > 80
Chromatic selection	Power LED: 2-step MacAdam - High Power LED: 3-step MacAdam
Recommended installation	recessed (wall, ceiling)
Working temperature	0°C ÷ 40°C
Weight	24 Vdc version: 140 g (4.94 oz) - 350/500 mA version: 75 g (2.65 oz)
Protection degree	IP54, IK05
Markings	CE
Norms	products comply with norms EN 60598-1; EN 60598-2 and its parts

Importante / Remarks:

La temperatura del metallo in prossimità del LED non deve superare il valore di 90°C
The metal's temperature near the LED should not exceed 90°C (194°F)



Colori LED LED Colours

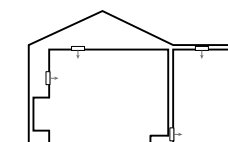


Finiture Finishes



Alluminio anodizzato
Aluminium anodisé

Montaggio consigliato Recommended installation

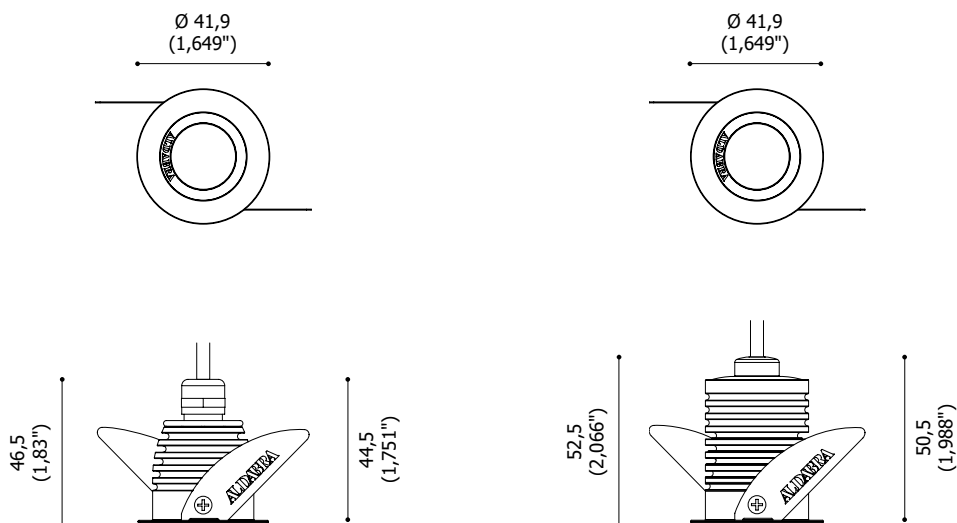


DISEGNI TECNICI / TECHNICAL DRAWINGS

Dimensioni in mm e (in) / Dimensions in mm and (in)

350/500 mA

24 Vdc

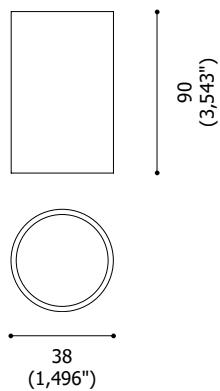


Foro d'incasso senza cassaforma Ø 36mm
 Recessing hole without recessing box Ø 36mm (1,417")

ACCESSORI / ACCESSORIES

CSF.0022.0

cassaforma standard
 standard recessing box



A D H A R A

Design by Walter Gadda
Carla Baratelli

PATENT



Apparecchio da incasso orientabile per interni

- **Applicazioni:** illuminazione sottomensola, vetrine, cieli stellati
- **Ambientazioni:** hotel, musei, abitazioni private
- **Installazioni:** da incasso a soffitto
- **Materiali:** alluminio
- **Finiture:** alluminio anodizzato o bianco opaco
- **Sorgente LED:** alta potenza
- **Ottiche:** ibride 13° - 35°
- **Efficienza LED:** 105 - 130 lm/W
- **Funzionamento:** accensione on-off o dimmerabile
- **Caratteristiche:** ottiche ibride per un migliore comfort visivo
- **Alimentazione:** corrente costante 350/500 mA

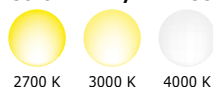
Recessed adjustable spotlights for indoor applications

- **Applications:** undershelf lighting, shop windows, showcases, star ceilings
- **Settings:** hotels, museums, private houses
- **Installation:** ceiling recessed
- **Materials:** aluminium
- **Finishes:** anodized aluminium or matt white
- **LED Light source:** high power
- **Optics:** hybrid 13° - 35°
- **LED efficiency:** 105 - 130 lm/W
- **Functions:** on-off, dimmable
- **Features:** hybrid optics for an optimal visual comfort
- **Power supply:** 350/500 mA constant current



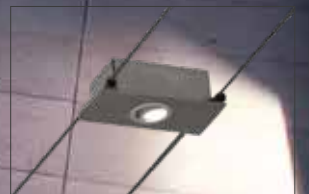
Ra
>80

Colori LED / LED Colours



Caratteristiche / Features

IP40 IK05 650°C





Ra
>80

2-STEP
MACADAM

0°C
40°C

105 - 130
lm/W

ADHARA POWER LED 1 W 350 mA - 1,5 W 500 mA

example ADH.01.W40A1.0

alimentazione power supply [mA]	potenza total power [W]	codice code	+	ottiche optics	+	colori LED LED colours	+	finiture finishes	+	revisione release
350/500	1/1,5	ADH.01		.M narrow beam 13°		27 warm white 2700 K		A1 alluminio anodizzato anodized aluminium		.0
				.W wide beam 35°		30 warm white 3000 K		W1 bianco opaco matt white		
						40 neutral white 4000 K				



Rotazione ± 25°
Rotation ± 25°

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Note / Notes

Alimentazione a corrente costante 350/500 mA, collegamento in serie / 350/500 mA constant current supply, series connection
A richiesta anche con Power LED nei colori rosso, blue o verde / On request, Power LED are available also in red, blue or green colours
Confezione da 20 pezzi / 20 pieces package



Private house - Borgomanero, Italy

SCHEDA TECNICA

Corpo	lega di alluminio ANTICORODAL
Frontale	acciaio inox lucido
Viteria	acciaio inox AISI 316L
Ottica	ottiche ibride speculari: narrow beam (13°) - wide beam (35°)
Guarnizioni	VHB
Fissaggio	tramite molle in acciaio inox
Cavi di alimentazione	vedi tabella pag. 196
Alimentazione	corrente costante 350/500 mA
Potenza assorbita	1 W / 1,5 W
Efficienza luminosa	105 - 130 lm/W
CRI	Ra > 80
Selezione cromatica	2-step MacAdam
Montaggio consigliato	a incasso (parete, soffitto)
Temperatura di funzionamento	0°C ÷ 40°C
Peso	42 g
Grado di protezione	IP40, IK05
Marchi	CE, UL
Normativa	prodotti in conformità alle vigenti norme EN60598-1; EN60598-2 e sue parti - UL 2018 ; CAN/CSA-C22.2 No.250.0-08 Certificate number: 20191127-E506810 low-voltage lighting systems, power units, luminaires and fittings

TECHNICAL INFORMATION

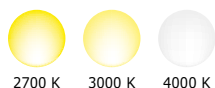
Body	ANTICORODAL aluminium alloy
Front	polished stainless steel
Screws	stainless steel AISI 316L
Optics	specular hybrid optics: narrow beam (13°) - wide beam (35°)
Gaskets	VHB
Installation	through stainless steel springs
Power supply cables	see table page 196
Power supply	350/500 mA constant current
Power consumption	1 W / 1,5 W
Luminous efficiency	105 - 130 lm/W
CRI	Ra > 80
Chromatic selection	2-step MacAdam
Recommended installation	recessed (wall, ceiling)
Working temperature	0°C ÷ 40°C
Weight	42 g (1.48 oz)
Protection degree	IP40, IK05
Markings	CE, UL
Norms	prodotti in conformità alle vigenti norme EN60598-1; EN60598-2 e sue parti - UL 2018 ; CAN/CSA-C22.2 No.250.0-08 Certificate number: 20191127-E506810 low-voltage lighting systems, power units, luminaires and fittings

Importante / Remarks:

La temperatura del metallo in prossimità del LED non deve superare il valore di 90°C
The metal's temperature near the LED should not exceed 90°C (194°F)



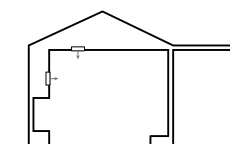
Colori LED LED Colours



Finiture Finishes

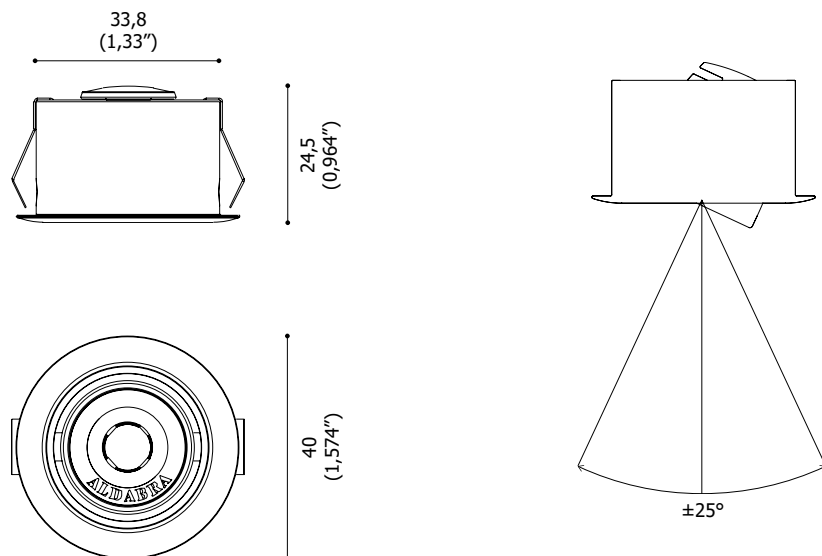


Montaggio consigliato Recommended installation

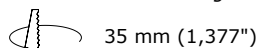


DISEGNI TECNICI / TECHNICAL DRAWINGS

Dimensioni in mm e (in) / Dimensions in mm and (in)

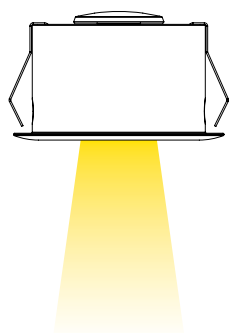


Foro d'incasso
Dimension of recessing hole

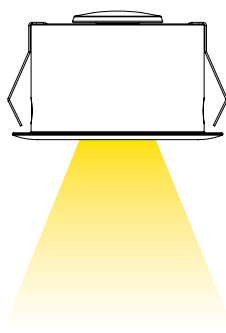


Spessore minimo per il montaggio / Minimum thickness for installation: 2 mm (0,078'')

FASCI LUMINOSI / OPTICS



Ottica 13°
Optic 13°



Ottica 35°
Optic 35°



R I G E L

Design by Walter Gadda
Carla Baratelli

PATENT



Apparecchio da incasso fisso per interni

- **Applicazioni:** illuminazione sottomensola, vetrine, cieli stellati
- **Ambientazioni:** hotel, musei, centri commerciali
- **Installazioni:** da incasso a soffitto
- **Materiali:** alluminio
- **Finiture:** alluminio anodizzato o bianco opaco
- **Sorgente LED:** alta potenza
- **Ottiche:** ibride 13° - 35°
- **Efficienza LED:** 105 - 130 lm/W
- **Funzionamento:** accensione on-off o dimmerabile
- **Caratteristiche:** ottiche ibride per un migliore comfort visivo
- **Alimentazione:** corrente costante 350/500 mA

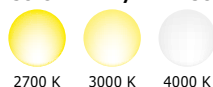
Recessed fixed spotlights for indoor applications

- **Applications:** undershelf lighting, shop windows, showcases, star ceilings
- **Settings:** hotels, museums, shopping centers
- **Installation:** ceiling recessed
- **Materials:** aluminium
- **Finishes:** anodized aluminium or matt white
- **LED Light source:** high power
- **Optics:** hybrid 13° - 35°
- **LED efficiency:** 105 - 130 lm/W
- **Functions:** on-off, dimmable
- **Features:** hybrid optics for an optimal visual comfort
- **Power supply:** 350/500 mA constant current



Ra
>80

Colori LED / LED Colours



Caratteristiche / Features

IP40 IK04 650°C



Acqua di Parma Boutique - Rome, Italy



Ra
>80

2-STEP
MACADAM

0°C
40°C

105 - 130
lm/W

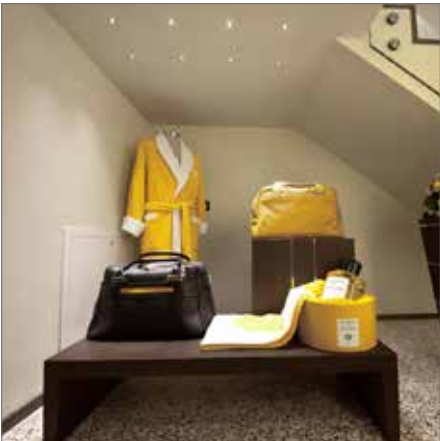
RIGEL POWER LED 1 W 350 mA - 1,5 W 500 mA

example RIG.01.M27W1.0

alimentazione power supply [mA]	potenza total power [W]	codice code	+	ottiche optics	+	colori LED LED colours	+	finiture finishes	+	revisione release
350/500	1/1,5	RIG.01		.M narrow beam 13°		27 warm white 2700 K		A1 alluminio anodizzato anodized aluminium		.0
				.W wide beam 35°		30 warm white 3000 K		W1 bianco opaco matt white		
						40 neutral white 4000 K				



Vista posteriore
Back view



SPA del Gritti Palace Hotel - Venezia, Italia
SPA of Gritti Palace Hotel - Venice, Italy



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Note / Notes

Alimentazione a corrente costante 350/500 mA, collegamento in serie / 350/500 mA constant current supply, series connection
A richiesta anche con Power LED nei colori rosso, blue o verde / On request, Power LED are available also in red, blue or green colours
Confezione da 20 pezzi / 20 pieces package



update
Beauty
is all
around.
art
make over
installati
innovation
worldwide

SCHEDA TECNICA

Corpo	lega di alluminio ANTICORODAL
Frontale	acciaio inox lucido
Viteria	acciaio inox AISI 316L
Ottica	ottiche ibride speculari: narrow beam (13°) - wide beam (35°)
Guarnizioni	VHB
Fissaggio	tramite molle in acciaio inox
Cavi di alimentazione	vedi tabella pag. 196
Alimentazione	corrente costante 350/500 mA
Potenza assorbita	1 W / 1,5 W
Efficienza luminosa	105 - 130 lm/W
CRI	Ra > 80
Selezione cromatica	2-step MacAdam
Montaggio consigliato	a incasso (soffitto)
Temperatura di funzionamento	0°C ÷ 40°C
Peso	28 g
Grado di protezione	IP40, IK04
Marchi	CE, UL
Normativa	prodotti in conformità alle vigenti norme EN60598-1; EN60598-2 e sue parti - UL 2018 ; CAN/CSA-C22.2 No.250.0-08 Certificate number: 20191127-E506810 low-voltage lighting systems, power units, luminaires and fittings

TECHNICAL INFORMATION

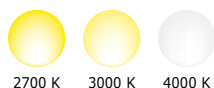
Body	ANTICORODAL aluminium alloy
Front	polished stainless steel
Screws	stainless steel AISI 316L
Optics	specular hybrid optics: narrow beam (13°) - wide beam (35°)
Gaskets	VHB
Installation	through stainless steel springs
Power supply cables	see table page 196
Power supply	350/500 mA constant current
Power consumption	1 W / 1,5 W
Luminous efficiency	105 - 130 lm/W
CRI	Ra > 80
Chromatic selection	2-step MacAdam
Recommended installation	recessed (ceiling)
Working temperature	0°C ÷ 40°C
Weight	28 g (0.99 oz)
Protection degree	IP40, IK04
Markings	CE, UL
Norms	prodotti in conformità alle vigenti norme EN60598-1; EN60598-2 e sue parti - UL 2018 ; CAN/CSA-C22.2 No.250.0-08 Certificate number: 20191127-E506810 low-voltage lighting systems, power units, luminaires and fittings

Importante / Remarks:

La temperatura del metallo in prossimità del LED non deve superare il valore di 90°C
The metal's temperature near the LED should not exceed 90°C (194°F)



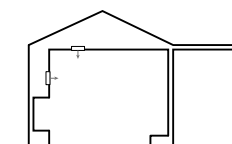
Colori LED LED Colours



Finiture Finishes

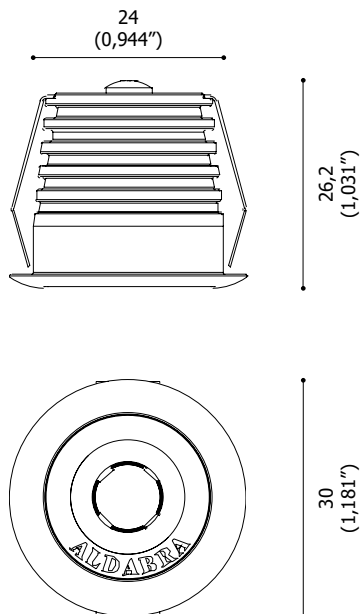


Montaggio consigliato Recommended installation

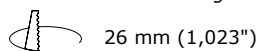


DISEGNI TECNICI / TECHNICAL DRAWINGS

Dimensioni in mm e (in) / Dimensions in mm and (in)

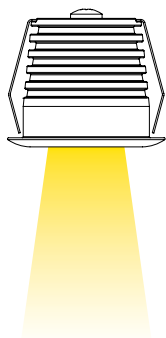


Foro d'incasso
Dimension of recessing hole

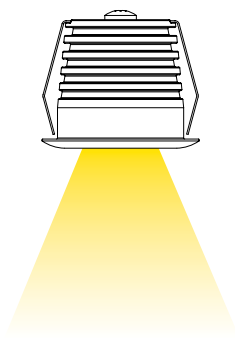


Spessore minimo per il montaggio / Minimum thickness for installation: 5 mm (0,196 inches)

FASCI LUMINOSI / OPTICS



Ottica 13°
Optic 13°



Ottica 35°
Optic 35°



H O L E



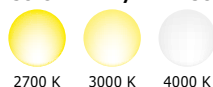
Apparecchio da incasso senza bordo per interni con ottica arretrata antiabbagliamento e corpo illuminante ad inserimento magnetico per una facile installazione e manutenzione

- **Applicazioni:** controsoffitti, mensole, vetrine
- **Ambientazioni:** hotel, abitazioni private, sale conferenze, negozi, uffici, centri commerciali
- **Installazioni:** da incasso a soffitto
- **Materiali:** lega di alluminio - acciaio inox - PMMA
- **Finiture:** acciaio inox lucido
- **Sorgenti:** Mid Power LED 140 - 180 lm/W
High Power LED 105 - 130 lm/W
- **Ottiche:** medium beam (24°) - wide beam (35° - 40°)
- **Funzionamento:** accensione on-off o dimmerabile
- **Caratteristiche:** corpo fisso e corpo illuminante ad accoppiamento magnetico - ottica arretrata antiabbagliamento
- **Alimentazione:** corrente costante 350 mA
tensione costante 24 Vdc

Trimless recessed luminaire for interiors with anti-glare rearward optic and magnetic insertion luminaire for easy installation and maintenance

- **Applications:** false ceilings, shelves, showcases
- **Settings:** hotel, private houses, conference halls, showrooms, offices, shopping centers
- **Installation:** ceiling recessed
- **Materials:** aluminium - stainless steel - PMMA
- **Finishes:** polished stainless steel
- **Light sources:** Mid Power LED 140 - 180 lm/W
High Power LED 105 - 130 lm/W
- **Optics:** medium beam (24°) - wide beam (35° - 40°)
- **Functions:** on-off, dimmable
- **Features:** magnetic coupling between the fixed and the lighting body - anti-glare rearward optic
- **Power supply:** 350 mA constant current
constant voltage 24 Vdc

Colori LED / LED Colours



2700 K 3000 K 4000 K

Caratteristiche / Features

IP20 IK06 750°C



Ra
>80



Private house - Milan, Italy



Ra
>80

3-STEP
MACADAM

0°C
40°C

140 - 180
lm/W

HOLE MID POWER LED 1 W 24 Vdc MONOCROMATICO / MONOCHROMATIC example HOL.01.W27S2.0

alimentazione power supply [Vdc]	potenza total power [W]	codice code	+	ottiche optics	+	colori LED LED colours	+	finiture finishes	+	revisione release
24	1	HOL.01	.W	 wide beam 35°		27  warm white 2700 K		S2  acciaio inox lucido polished stainless steel		.0
						30  warm white 3000 K				
						40  neutral white 4000 K				



Sequenza di montaggio
Mounting sequence



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Note / Notes

Alimentazione a tensione costante 24 Vdc dimmerabile, collegamento in parallelo / constant voltage 24 Vdc supply dimmable, parallel connection
A richiesta sono disponibili LED con differenti temperature colore / LED with different colour temperatures are available on request



Ra
>80

3-STEP
MACADAM

0°C
35°C

105 - 130
lm/W

HOLE HIGH POWER LED 4 W 350 mA MONOCROMATICO / MONOCHROMATIC

example **HOL.02.F30S2.0**

alimentazione power supply [mA]	potenza total power [W]	codice code	+	ottiche optics	+	colori LED LED colours	+	finiture finishes	+	revisione release
350	4	HOL.02		.F  medium beam 24°		27  warm white 2700 K		S2  acciaio inox lucido polished stainless steel		.0
				.W  wide beam 40°		30  warm white 3000 K				
						40  neutral white 4000 K				



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Note / Notes

Alimentazione a corrente costante 350 mA con collegamento in serie / Constant current supply 350 mA with series connection

A richiesta sono disponibili LED con differenti temperature colore / LED with different colour temperatures are available on request

SCHEDA TECNICA

Corpo	lega di alluminio ANTICORODAL EN AW-6060
Schermo	PMMA trasparente
Ottica	medium beam (24°) - wide beam (35° - 40°)
Viteria	acciaio inox
Installazione	incasso a soffitto tramite cassaforma rotonda o quadrata
Cavi di alimentazione	vedi tabella pag. 196
Alimentazione	tensione costante 24 Vdc ($\pm 5\%$) - corrente costante 350 mA
Potenza assorbita	mid Power LED: 1 W - High Power LED: 4 W
Efficienza luminosa	mid Power LED: 140 - 180 lm/W - High Power LED: 105 - 130 lm/W
CRI	Ra > 80
Selezione cromatica	3-step MacAdam
Montaggio consigliato	a incasso (soffitto)
Temperatura di funzionamento	mid Power LED: 0°C ÷ 40°C - High Power LED: 0°C ÷ 35°C
Peso	23 g
Grado di protezione	IP20, IK06
Marchi	CE
Normativa	prodotti in conformità alle vigenti norme EN 60598-1; EN 60598-2 e sue parti

TECHNICAL INFORMATION

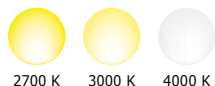
Body	ANTICORODAL aluminium alloy EN AW-6060
Screen	transparent PMMA
Optics	medium beam (24°) - wide beam (35° - 40°)
Screws	stainless steel
Installation	ceiling recessed with round or square recessed box
Power supply cables	see table page 196
Power supply	constant voltage 24 Vdc ($\pm 5\%$) - 350 mA constant current
Power consumption	mid Power LED: 1 W - High Power LED: 4 W
Luminous efficiency	mid Power LED: 140 - 180 lm/W - High Power LED: 105 - 130 lm/W
CRI	Ra > 80
Chromatic selection	MacAdam 3-step
Recommended installation	recessed (ceiling)
Working temperature	mid Power LED: 0°C ÷ 40°C - High Power LED: 0°C ÷ 35°C
Weight	23 g (0.81 oz)
Protection degree	IP20, IK06
Markings	CE
Norms	products comply with norms EN 60598-1; EN 60598-2 and its parts

Importante / Remarks:

La temperatura del metallo in prossimità del LED non deve superare il valore di 90°C
The metal's temperature near the LED should not exceed 90°C (194°F)



Colori LED LED Colours

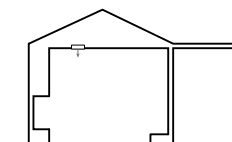


Finiture Finishes



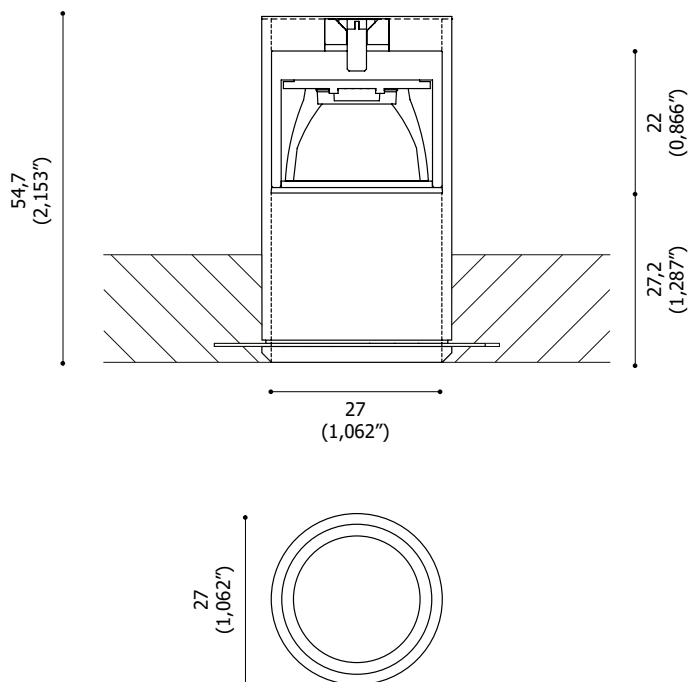
Acciaio inox lucido
Polished stainless steel

Montaggio consigliato Recommended installation



DISEGNI TECNICI / TECHNICAL DRAWINGS

Dimensioni in mm e (in) / Dimensions in mm and (in)

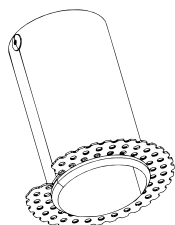


CASSEFORME OBBLIGATORIE / COMPULSORY RECESSING BOXES

CSF.0108.0

Cassaforma senza bordo rotonda
in alluminio bianco opaco

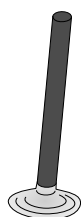
*Round trimless recessing box in matt
white aluminium*



ACCESSORI / ACCESSORIES

ACC.0277.0

Attrezzo per estrarre il corpo illuminante
Tool for putting out the luminaire

**ACC.0278.0**

Attrezzo per foratura nel cartongesso
Drilling tool for plasterboard

