

STAR

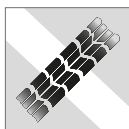


Professional recessed fixed fixture for indoor and outdoor settings

Applications:	pavings, accent lighting of facades, trees
Settings:	squares, streets, hotels, private houses, shopping centers, driveways
Installation:	ground or wall recessed
Materials:	aluminium - stainless steel - tempered glass
Finishes:	satin stainless steel
Light source:	COB LED 145 lm/W - Power LED 125 lm/W
Optics:	narrow beam (11°, 15°) - medium beam (22°, 27°, 30°) - wide beam (37°, 42°, 45°)
Functions:	on-off
Features:	anti-vandal screws
Power supply:	120-277 Vac mains voltage 350 mA constant current 24 Vdc constant voltage



WALK OVER

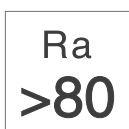


DRIVE OVER

only using the dedicated front ring



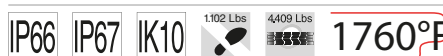
Made in Italy



LED colours



Features



Installation



* LIFETIME WARRANTY ON WATER RESISTANCE: Limited Warranty, conditions apply. Lifetime warranty only on product water resistance.
See www.aldabrausa.com/warranty-policy/



Made in Italy

Ra
>80

3-STEP
MACADAM

-22°F
122°F

145
lm/W



COB LED 120-277 Vac MONOCHROMATIC

example STA.01.F30S1.0

version	power [W]	code	+	optics	+	LED colors	+	finishes	+	release
STAR 120	15	STA.01		<div><div>.M</div><div>narrow beam</div><div>15°</div></div>		<div><div>30</div><div>warm white</div><div>3000 K</div></div>		<div><div>S1</div><div>satin stainless steel</div></div>		<div><div>.0</div></div>
				<div><div>.F</div><div>medium beam</div><div>27°</div></div>		<div><div>40</div><div>neutral white</div><div>4000 K</div></div>				
				<div><div>.W</div><div>wide beam</div><div>42°</div></div>						



Standard trim



Square optional trim for walk over applications



Round optional trim for drive over applications

Page references

Accessories

page 326

Notes

120-277 Vac mains power supply with parallel connection
LED with different colour temperatures are available on request











Made in Italy

Ra
>803-STEP
MACADAM-22°F
122°F145
lm/W

COB LED 13 W 350 mA - 18 W 500 mA MONOCHROMATIC

example STA.02.H40S1.0

version	power [W]	code	+	optics	+	LED colors	+	finishes	+	release
STAR 120 compact	13/18	STA.02		.M  narrow beam 11° .F  medium beam 22° .W  wide beam 37° .H  narrow beam + honeycomb 11° .K  medium beam + honeycomb 22°		30  warm white 3000 K 40  neutral white 4000 K		S1  satin stainless steel		.0



94 (3,7")



40 (1,574")

Page references

Accessories	page 326
Power supply units	page 337
Electronics	page 338
Connection diagrams	page 345 - A1/L1

Notes

350/500 mA constant current supply with series connection
 LED with different colour temperatures are available on request
 UL/CUL certified only 350 mA 13 W versions



Made in Italy

Ra >80

3-STEP MACADAM

-22°F
122°F

145
lm/W

POWER LED 24 Vdc RGB

example STA.03.W90S1.0

version	power [W]	code	+	optics	+	LED colors	+	finishes	+	release
STAR 120	14	STA.03		<div><div>.F</div><div>medium beam</div><div>30°</div></div> <div><div>.W</div><div>wide beam</div><div>45°</div></div>		90 <div><div></div><div></div><div></div></div> RGB		S1 <div><div></div></div> satin stainless steel		.0



RGB colour changing

Page references

Accessories	page 326
Power supply units	page 336
Electronics	page 338
Connection diagrams	page 345 - J1

Notes

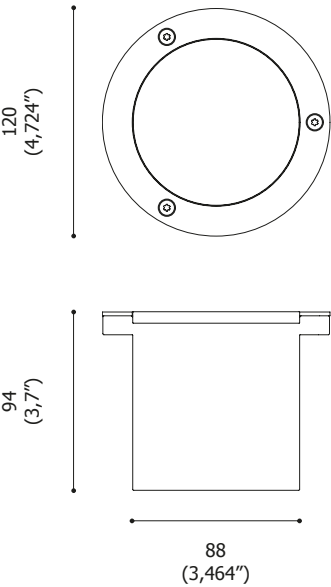
24 Vdc constant voltage supply dimmable, parallel connection



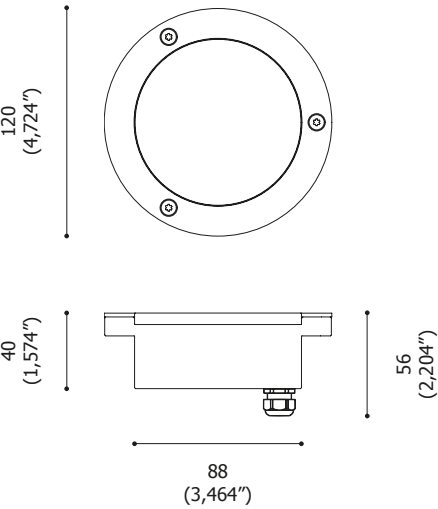
TECHNICAL DRAWINGS

dimensions in mm (in)

STAR 120



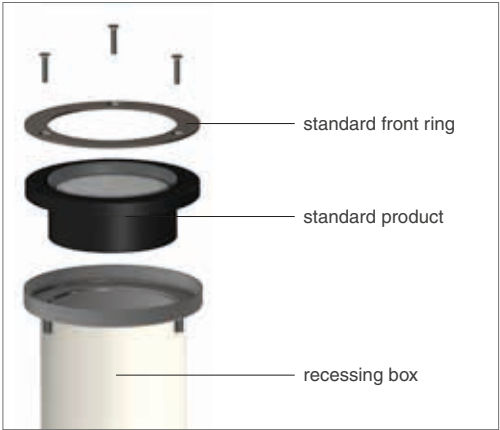
STAR 120 compact



RECESSING BOX

CSF.0107.0

draining recessing box

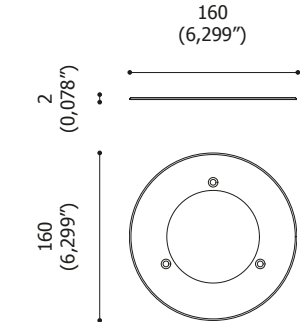


Standard version mounted in the recessing box

ACCESSORIES

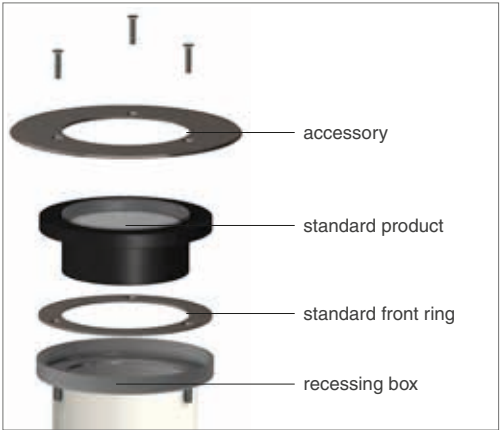
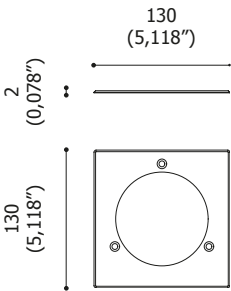
ACC.0203.0

satin stainless steel round frame for drive-over version



ACC.0215.0

satin stainless steel square frame for walk-over version

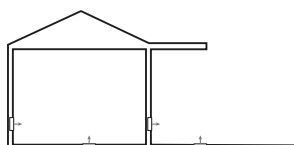


Standard version mounted in the recessing box with accessories ACC.0203.0 or ACC.0215.0

TECHNICAL INFORMATION

Body	ANTICORODAL aluminium alloy EN AW-6060
Screen	tempered transparent flat glass
Front	stainless steel Aisi 316L
Finish	satín stainless steel
Optics	narrow beam (11°, 15°) - medium beam (22°, 27°, 30°) - wide beam (37°, 42°, 45°) - honeycomb (11°, 22°) - opal diffuser
Installation	by screws
Power supply cables	see table page 342
LED Colours	3000 K, 4000 K, RGB
Power supply	120-277 Vac 50/60 Hz mains voltage - 350/500 mA constant current - 24 Vdc constant voltage
Absorbed power	STAR 120: monochromatic 15 W 120-277 Vac - RGB 14 W 24 Vdc STAR 120 compact: 13 W 350 mA
Luminous efficiency	COB LED 145 lm/W - Power LED 125 lm/W
CRI	Ra > 80 (Ra > 90 available upon request)
Chromatic selection	MacAdam 3-step
Recommended installation	recessed (wall, floor) - suitable for wall mounted recessed use, in concrete only
Working temperature	-30°C ÷ 50°C (-22°F ÷ 122°F)
Surface temperature	Ts ≤ 65°C (149°F)
Load resistance	walk over up to 500 kg (1.102,3 Lbs) and drive-over up to 2000 kg (4.409 Lbs) - only using the dedicated front ring
Weight per meter	STAR 120: 1,8 kg (3.97 Lbs) - STAR 120 compact: 1 kg (2.2 Lbs)
Protection degree	IP66/IP67, IK10
Markings	CE, UL (UL/CUL certified only for monochromatic version)
Norms	products comply norms UL 1598; C22.2 No. 250.0-08
Certificate number	20191022-E506813 LED recessed luminaires

Recommended installation



Features

120-277 Vac         1760°F

350 mA
24 Vdc         1760°F

AQA
STOP



drive-over up to 2000 kg (4.409 Lbs) only using the dedicated front ring



UL/CUL certified only for 120-277 Vac and 350 mA monochromatic versions

Notes

the temperature of the metal near the LED should not exceed 90°C (194 °F)

DIVA

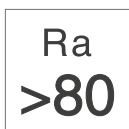
PATENT



Family of recessed downlights suitable for indoor and outdoor settings, available in square, rectangular and round versions

Applications:	false ceilings, canopies, balconies
Settings:	bathrooms, wellness centers, hotels, private houses, shopping centres, showrooms
Installation:	ceiling recessed with fixed springs
Materials:	aluminium - steel - glass
Finishes:	white sablé - black sablé
Light source:	Power LED 105 - 130 lm/W COB LED 145 lm/W
Optics:	narrow beam (10° - 11° - 13°) - medium beam (22° - 23°) - wide beam (35° - 37° - 40°)
Functions:	on-off, dimmable
Features:	visual comfort reduced recessed dimensions
Power supply:	24 Vdc constant voltage 500 mA constant current

Made in Italy



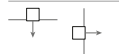
LED colours



Features



Installation



ACQUA DI PARMA





Diva Q3



Diva Q3 ONE

Ra
>80

Made in Italy











Power LED

COB LED

105 - 130
lm/W145
lm/W









POWER LED 24 Vdc MONOCHROMATIC

example DIV.03.M27W2.U

version	power [W]	code	+	optics	+	LED colors	+	finishes	+	release
Q1	7	DIV.01		.M  narrow beam 13°		27  warm white 2700 K		W2  white sablé		.U
R1	7	DIV.02								
Q2	13	DIV.03		.F  medium beam 23°		30  warm white 3000 K		B2  black sablé		
Q3	24	DIV.04								
R3	24	DIV.05		.W  wide beam 35°		40  neutral white 4000 K				

Q3 ONE COB LED 500 mA MONOCHROMATIC

example DIV.06.W30B2.0

version	power [W]	code	+	optics	+	LED colors	+	finishes	+	release
Q3 ONE	20	DIV.06		.M  narrow beam 11°		27  warm white 2700 K		W2  white sablé		.0
				.F  medium beam 22°		30  warm white 3000 K		B2  black sablé		
				.W  wide beam 37°		40  neutral white 4000 K				



Front view: Diva Q1



Diva R1



Diva Q2



Diva Q3



Diva R3

Page references

Diva 24 Vdc

Diva 500 mA

Accessories

page 326

page 326

Power supply units

page 336

page 337

Electronics

page 338

page 338

Connection diagrams

page 345 - D1/K1

page 345 - B1

Notes

24 Vdc constant voltage supply dimmable, parallel connection - 500 mA constant current supply with series connection

LED with different colour temperatures are available on request

UL/CUL certified only 24 Vdc versions



example DIV.05.W90B2.U

Heat sink detail

Page references

Accessories	page 326
Power supply units	page 336
Electronics	page 338
Connection diagrams	page 345 - J1

Notes

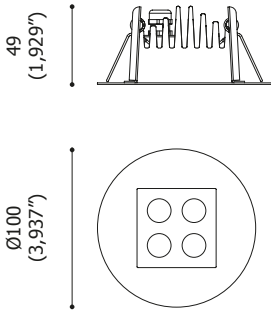
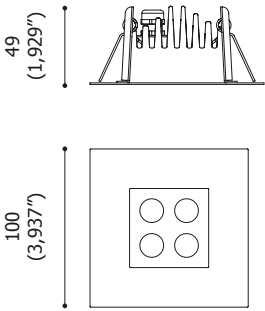
24 Vdc constant voltage supply dimmable, parallel connection

UL/CUL certified only 24 Vdc versions

TECHNICAL DRAWINGS

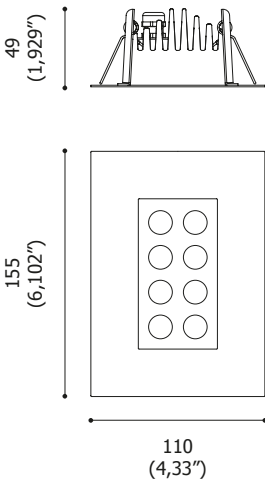
dimensions in mm (in)

DIVA Q1-R1



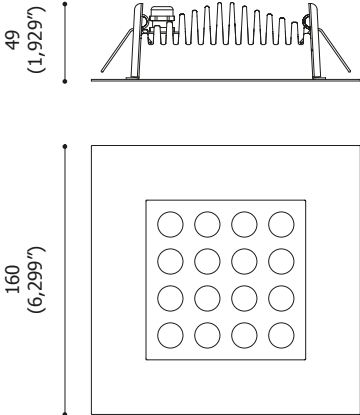
dimensions of recessing hole
Q1 78 x 78 mm (3,07" x 3,07")
R1 Ø90 mm (3,543")

DIVA Q2

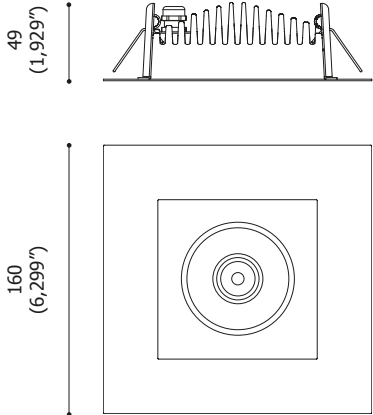


dimensions of recessing hole
Q2 115 x 78 mm (4,527" x 3,07")

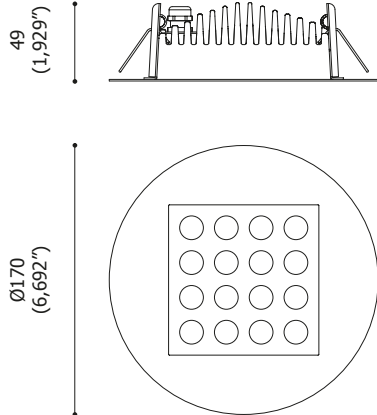
DIVA Q3



DIVA Q3 ONE



DIVA R3



Minimum and maximum thickness for installation

1 mm (0,039")

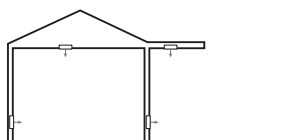
30 mm (1,181")

dimensions of recessing hole
Q3 128 x 128 mm (5,039" x 5,039")
R3 Ø155 mm (6,102")

TECHNICAL INFORMATION

Body	die cast aluminium
Screen	3mm tempered glass resistant to thermal shocks and impact
Front	FE360 galvanized and painted
Finish	white sablé - black sablé
Optics	narrow beam (10° - 11° - 13°) - medium beam (22° - 23°) - wide beam (35° - 37° - 40°)
Screws	stainless steel
Gaskets	silicone
Cable gland	PG7 in nicked brass
Installation	through stainless steel springs
Power supply cables	see table page 342
LED Colours	2700 K, 3000 K, 4000 K, RGB
Power supply	24 Vdc (±5%) constant voltage, parallel connection - 500 mA constant current
Absorbed power	monochromatic: Q1-R1 7 W, Q2 13 W, Q3-R3 24 W, Q3 ONE 20 W - RGB: Q1-R1 9 W, Q2 15 W, Q3-R3 24 W
Luminous efficiency	Power LED 105 - 130 lm/W - COB LED 145 lm/W
CRI	Ra > 80 (Ra > 90 available upon request)
Chromatic selection	MacAdam 2-step
Recommended installation	recessed (wall, ceiling) - wall recess only in plasterboard
Working temperature	-30°C ÷ 50°C (-22°F ÷ 122°F) - for UL/CUL max 25°C (77°F) elevated temperature
Weight	Q1: 350 g (0.77 Lbs) - R1: 340 g (0.75 Lbs) - Q2: 500 g (1.1 Lbs) - Q3: 800 g (1.76 Lbs) - R3: 780 g (1.72 Lbs)
Protection degree	IP65, IK06
Markings	CE, UL (24 Vdc versions only)
Norms	products comply norms UL 2018 ; CAN/CSA-C22.2 No.250.0-08
Certificate number	20191127-E506810 low-voltage lighting systems, power units, luminaires and fittings

Recommended installation



Features

AQA
STOP

UL/CUL certified only for 24 Vdc versions

Notes

the temperature of the metal near the LED should not exceed 90°C (194 °F)
non-UL/CUL certified versions can be certified on request

KAY

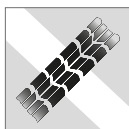


Drive-over recessed fixture for indoor and outdoor applications

Applications:	pavings, facades, small and medium-sized trees, pools, fountains
Settings:	squares, streets, hotels, private houses, shopping centres
Installation:	ground or wall recessed with housing
Materials:	aluminium - steel - glass
Finishes:	satin stainless steel
Light source:	Power LED 105 - 130 lm/W
Optics:	narrow beam (10°) - medium beam (25°) - wide beam (35° - 45°) - transparent and satin diffuser (59°)
Functions:	on-off, dimmable
Features:	anti-vandal screws
Power supply:	24 Vdc constant voltage 350/500 mA constant current



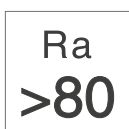
UL LISTED FOR HUMAN TOUCH



DRIVE OVER



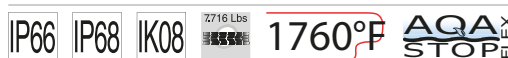
Made in Italy



LED colours



Features



Installation





Made in Italy

Ra
>802-STEP
MACADAM-22°F
122°F105 - 130
lm/W

POWER LED 350/500 mA MONOCHROMATIC

example KAY.01.W40S1.0

LED number	power [W]	code	+	optics	+	LED colors	+	finishes	+	release
3	3/4,5	KAY.01		.M narrow beam 10°		27 warm white 2700 K		S1 satin stainless steel		.0
4	4/6	KAY.02		.F medium beam 25°		30 warm white 3000 K				
				.W wide beam 35°		40 neutral white 4000 K				
				.T transparent diffuser 59°						
				.S satin diffuser 59°						
										★ code only for pool applications .U

Page references

Accessories	page 326
Power supply units	page 337
Electronics	page 338
Connection diagrams	page 345 - A1/E1/L1

Notes

350/500 mA constant current supply with series connection

★ Use the .U suffix specifically for use in swimming pools

LED with different colour temperatures are available on request

Made in Italy

Ra
>802-STEP
MACADAM-22°F
122°F105 - 130
lm/W

POWER LED 24 Vdc MONOCHROMATIC

example KAY.04.S30S1.0

LED number	power [W]	code	+	optics	+	LED colors	+	finishes	+	release
3	5	KAY.03		.M narrow beam 10°		27 warm white 2700 K		S1 satin stainless steel		.0
4	7	KAY.04		.F medium beam 25°		30 warm white 3000 K				
				.W wide beam 35°		40 neutral white 4000 K				
				.T transparent diffuser 59°						
				.S satin diffuser 59°						
										★ code only for pool applications .U

Page references

Accessories	page 326
Power supply units	page 336
Electronics	page 338
Connection diagrams	page 345 - D1/K1

Notes

24 Vdc constant voltage supply dimmable, parallel connection

★ Use the .U suffix specifically for use in swimming pools

4 Power LED 24 Vdc versions (KAY.04) must be used only in permanent immersion

LED with different colour temperatures are available on request

Made in Italy



-22°F

122°F



POWER LED 24 Vdc RGB

example KAY.03.T90S1.0

LED number	power [W]	code	+	optics	+	LED colors	+	finishes	+	release
1	4	KAY.03		.W - wide beam 45°		90  RGB		S1  satin stainless steel		.0
				.T - transparent diffuser 59°						
				.S - satin diffuser 59°						
										★ code only for pool applications .U

Page references

Accessories	page 326
Power supply units	page 336
Electronics	page 338
Connection diagrams	page 345 - J1

Notes

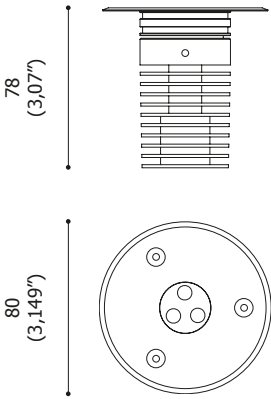
24 Vdc constant voltage supply dimmable, parallel connection

★ Use the .U suffix specifically for use in swimming pools



TECHNICAL DRAWINGS

dimensions in mm (in)

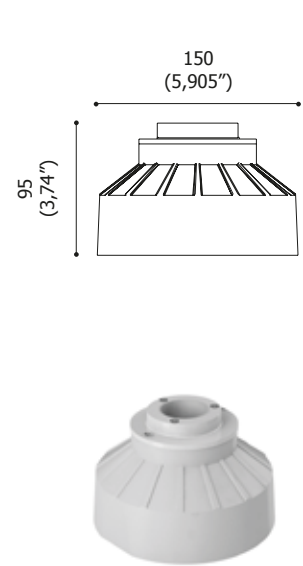


dimensions of recessing hole
46 mm (1,811")

RECESSING BOXES

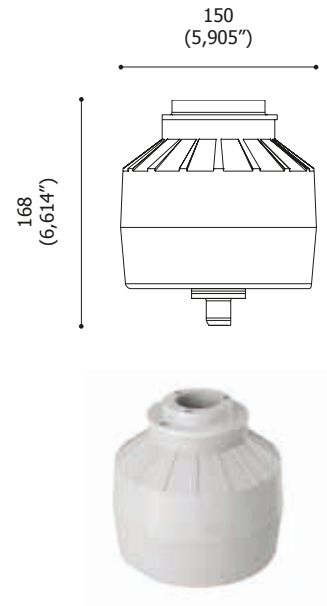
CSF.0013.1

draining recessing box



CSF.0029.0

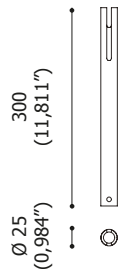
recessing box for IP68 h 168 mm



ACCESSORIES

ACC.0268.0

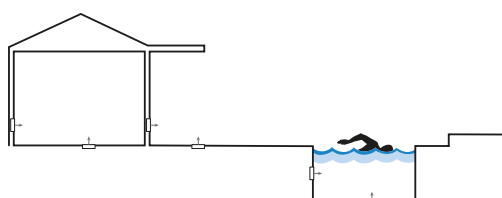
key for closing the recessing box for IP68



TECHNICAL INFORMATION

Body	ANTICORODAL aluminium alloy UNI 6060
Screen	tempered transparent or satin flat glass
Front	stainless steel AISI 316L
Finish	satin stainless steel
Optics	narrow beam (10°) - medium beam (25°) - wide beam (35° - 45°) - transparent and satin diffuser (59°)
Screws	stainless steel AISI 316L (TORX TX 20 + PIN)
Gaskets	silicone rubber, teflon
Cable gland	PG7 in nickered brass
Installation	by screws or silicone gaskets
Power supply cables	see table page 342
	for pool applications: 5 meters (16,4 ft) long cables
LED Colours	2700 K, 3000 K, 4000 K, RGB
Power supply	24 Vdc constant voltage - 350/500 mA constant current
Absorbed power	monochromatic: 3 LED 3 W 350 mA, 4,5 W 500 mA, 5 W 24 Vdc - 4 LED 4 W 350 mA, 6 W 500 mA, 7 W 24 Vdc
	RGB: 4 W 24 Vdc
Luminous efficiency	Power LED 105 - 130 lm/W
CRI	Ra > 80 (Ra > 90 available upon request)
Chromatic selection	MacAdam 2-step
Recommended installation	recessed (wall, floor)
Working temperature	-30°C ÷ 50°C (-22°F ÷ 122°F)
Surface temperature	Ts ≤ 65°C (149°F)
Load resistance	drive-over up to 3500 kg (7.716 Lbs)
Weight	350/500 mA: 306 g (0.67 Lbs) - 24 Vdc: 346 g (0.76 Lbs)
Protection degree	IP66/IP68, IK08
Markings	CE, UL (UL/CUL certified only for code .U)
Norms	products comply norms UL 676; CSA C22.2 No. 89-15; UL 1818; UL 1598/C250.-08
Certificate number	20190727-E506879 wet-niche swimming pool

Recommended installation



for pool applications use the specific suffix .U
Example: KAY.01.W40S1.U

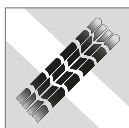
Features



Notes

the temperature of the metal near the LED should not exceed 90°C (194 °F)

NUXY



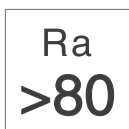
DRIVE OVER

Drive-over recessed fixture suitable for indoor and outdoor settings

Applications:	pavings, accent lighting of facades, small trees, water features, pools, fountains
Settings:	squares, streets, hotels, private houses, shopping centres, driveways
Installation:	ground recessed with housing
Materials:	stainless steel - glass
Finishes:	satin stainless steel
Light source:	Power LED 105 - 130 lm/W
Optics:	honeycomb (8°) - narrow beam (9°) - medium beam (24°) - wide beam (43° - 45°) - transparent and satin diffuser
Functions:	on-off, dimmable
Features:	anti-vandal screws
Power supply:	24 Vdc constant voltage 350/500 mA constant current



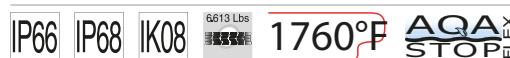
Made in Italy



LED colours



Features



Installation







Made in Italy



Ra
>80



105 - 130
lm/W

POWER LED 350/500 mA MONOCHROMATIC

example NUX.01.W30S1.0

power supply [mA]	power [W]	code	+	optics	+	LED colors	+	finishes	+	release
350/500	1/1,5	NUX.01		.M narrow beam 9°		27 warm white 2700 K		S1 satin stainless steel		.0
				.F medium beam 24°		30 warm white 3000 K				
				.W wide beam 43°		40 neutral white 4000 K				
				.T transparent diffuser 111°						
				.S satin diffuser 97°						

Page references

Accessories	page 326
Power supply units	page 337
Electronics	page 338
Connection diagrams	page 345 - A1/E1/L1

Notes

350/500 mA constant current supply with series connection
LED with different colour temperatures are available on request
UL/CUL certified only 24 Vdc constant voltage versions













Made in Italy

Ra
>80105 - 130
lm/W

POWER LED 24 Vdc MONOCHROMATIC

example NUX.02.H40S1.U

power supply [Vdc]	power [W]	code	+	optics	+	LED colors	+	finishes	+	release
24	2	NUX.02		.H  honeycomb 8°		27  warm white 2700 K		S1  satin stainless steel		.U
				.M  narrow beam 9°		30  warm white 3000 K				
				.F  medium beam 24°		40  neutral white 4000 K				
				.W  wide beam 43°						
				.T  transparent diffuser 111°						
				.S  satin diffuser 97°						

Page references

Accessories	page 326
Power supply units	page 336
Electronics	page 338
Connection diagrams	page 345 - D1/K1

Notes

24 Vdc constant voltage supply dimmable, parallel connection
 LED with different colour temperatures are available on request
 UL/CUL certified only 24 Vdc constant voltage versions






Made in Italy





POWER LED 24 Vdc RGB

example *NUX.02.S90S1.U*

power supply [Vdc]	power [W]	code	+	optics	+	LED colors	+	finishes	+	release
24	4	NUX.02		<div><div>.W</div><div></div><div>wide beam</div><div>45°</div></div>		90 <div></div> RGB		S1 <div></div> satin stainless steel		.U
				<div><div>.T</div><div></div><div>transparent diffuser</div><div>111°</div></div>						
				<div><div>.S</div><div></div><div>satin diffuser</div><div>97°</div></div>						

Page references

Accessories	page 326
Power supply units	page 336
Electronics	page 338
Connection diagrams	page 345 - J1

Notes

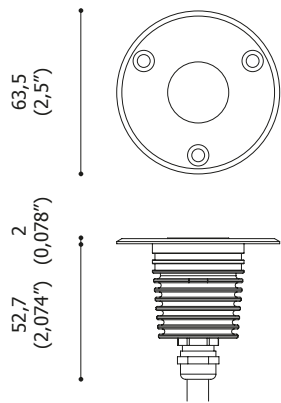
350/500 mA constant current supply with series connection
UL/CUL certified only 24 Vdc constant voltage versions



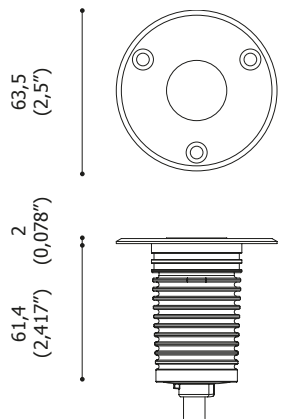
TECHNICAL DRAWINGS

dimensions in mm (in)

350/500 mA



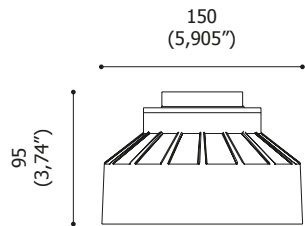
24 Vdc



RECESSING BOXES

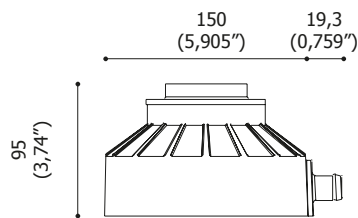
CSF.0009.0

draining recessing box



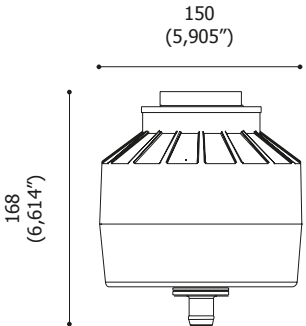
CSF.0010.0

recessing box for IP68 h. 95 mm



CSF.0011.0

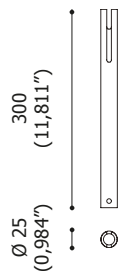
recessing box for IP68 h. 168 mm



ACCESSORIES

ACC.0268.0

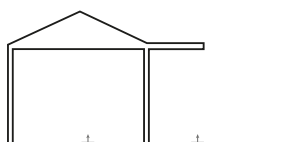
key for closing the recessing box for IP68



TECHNICAL INFORMATION

Body	stainless steel AISI 316L
Screen	transparent or satin tempered flat glass
Front	stainless steel AISI 316L
Finish	satin stainless steel
Optics	honeycomb (8°) - narrow beam (9°) - medium beam (24°) - wide beam (43° - 45°) - transparent (111°) and satin diffuser (97°)
Screws	stainless steel AISI 316L
Gaskets	silicone rubber, teflon
Installation	through TORX anti-vandal screws
Power supply cables	see table page 342
LED Colours	2700 K, 3000 K, 4000 K, RGB
Power supply	24 Vdc constant voltage - 350/500 mA constant current
Absorbed power	monochromatic: 1 W 350 mA - 1,5 W 500 mA - 2 W 24 Vdc - RGB: 4 W 24 Vdc
Luminous efficiency	105 - 130 lm/W
CRI	Ra > 80 (Ra > 90 available upon request)
Chromatic selection	2-step MacAdam
Recommended installation	recessed (floor)
Working temperature	-30°C ÷ 50°C (-22°F ÷ 122°F)
Surface temperature	Ts ≤ 65°C (149°F)
Load resistance	drive over up to 3000 kg (6.613 Lbs)
Weight	350/500 mA: 200 g (0.44 Lbs) - 24 Vdc: 260 g (0.57 Lbs)
Protection degree	IP66/IP68, IK08
Markings	CE, UL (24 Vdc constant voltage versions only)
Norms	products comply norms UL 2018 ; CAN/CSA-C22.2 No.250.0-08
Certificate number	20191127-E506810 low-voltage lighting systems, power units, luminaires and fittings

Recommended installation



Features



only for constant current versions



only for constant voltage versions

Notes

the temperature of the metal near the LED should not exceed 90°C (194 °F)
UL/CUL non-certified versions can be certified on request

SELENE



WALK OVER

Recessed fixture suitable for indoor and outdoor settings

Applications:	walls, ceilings, stairs, small-sized trees, shelves, showcases
Settings:	porches, hotels, private houses, shopping centres, gardens, walkways
Installation:	wall or floor recessed with housing or springs
Materials:	aluminium - glass
Finishes:	anodized aluminium - satin stainless steel
Light source:	Power LED 105 - 130 lm/W
Optics:	narrow beam (10°) - medium beam (25°) - wide beam (35° - 45°) - transparent and satin diffuser
Functions:	on-off, dimmable
Features:	no visible screws
Power supply:	24 Vdc constant voltage 350/500 mA constant current

LED colours



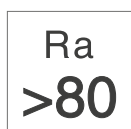
Features



Installation



Made in Italy















Made in Italy

Ra
>802-STEP
MACADAM-22°F
122°F105 - 130
lm/W

POWER LED 350/500 mA MONOCHROMATIC

example SEL.01.W27A1.0

LED number	power [W]	code	+	optics	+	LED colors	+	finishes	+	release
3	3/4,5	SEL.01		.M  narrow beam 10°		27  warm white 2700 K		A1  anodized aluminium		.0
4	4/6	SEL.02		.F  medium beam 25°		30  warm white 3000 K		S1  satin stainless steel		
				.W  wide beam 35°		40  neutral white 4000 K				
				.T  transparent diffuser 65°						
				.S  satin diffuser 67°						

Page references

Accessories	page 326
Power supply units	page 337
Electronics	page 338
Connection diagrams	page 345 - A1/E1/L1

Notes

350/500 mA constant current supply with series connection
 LED with different colour temperatures are available on request













Made in Italy

Ra
>802-STEP
MACADAM-22°F
122°F105 - 130
lm/W

POWER LED 24 Vdc MONOCHROMATIC

example SEL.04.S30S1.0

LED number	power [W]	code	+	optics	+	LED colors	+	finishes	+	release
3	5	SEL.03		.M  narrow beam 10°		27  warm white 2700 K		A1  anodized aluminium		.0
4	7	SEL.04		.F  medium beam 25°		30  warm white 3000 K		S1  satin stainless steel		
				.W  wide beam 35°		40  neutral white 4000 K				
				.T  transparent diffuser 65°						
				.S  satin diffuser 67°						

Page references

Accessories	page 326
Power supply units	page 336
Electronics	page 338
Connection diagrams	page 345 - D1/K1

Notes

24 Vdc constant voltage supply dimmable, parallel connection
 LED with different colour temperatures are available on request







Made in Italy

-22°F
122°F



POWER LED 24 Vdc RGB

example *SEL.04.T90A1.0*

power supply [Vdc]	power [W]	code	+	optics		+	LED colors		+	finishes		+	release		
24	4	SEL.04		.W		wide beam 45°		90		RGB		A1		anodized aluminium	.0
				.T		transparent diffuser 65°						S1		satin stainless steel	
				.S		satin diffuser 67°									

Page references

Accessories	page 326
Power supply units	page 336
Electronics	page 338
Connection diagrams	page 345 - J1

Notes

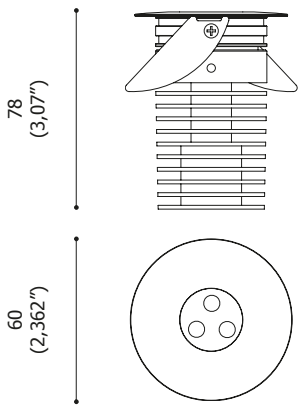
24 Vdc constant voltage supply dimmable, parallel connection



National War Memorial - New Delhi, India

TECHNICAL DRAWINGS

dimensions in mm (in)

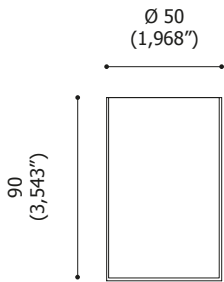


dimensions of recessing hole
46mm (1,811")

RECESSING BOXES

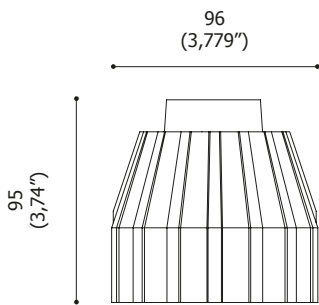
CSF.0014.0

standard recessing box



CSF.0015.0

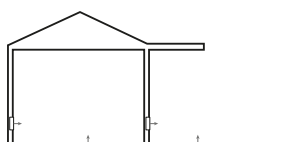
draining recessing box



TECHNICAL INFORMATION

Body	ANTICORODAL aluminium alloy
Screen	tempered transparent or satin flat glass
Front	stainless steel AISI 316L or ANTICORODAL aluminium alloy
Finish	anodized aluminium - satin stainless steel
Optics	narrow beam (10°) - medium beam (25°) - wide beam (35° - 45°) - transparent (65°) and satin diffuser (67°)
Screws	stainless steel
Gaskets	silicone rubber, teflon
Cable gland	PG7 in nickered brass
Installation	through stainless steel springs
Power supply cables	see table page 342
LED Colours	2700 K, 3000 K, 4000 K, RGB
Power supply	24 Vdc constant voltage - 350/500 mA constant current
Absorbed power	monochromatic: 3 LED 3 W 350 mA, 4,5 W 500 mA, 5 W 24 Vdc - 4 LED 4 W 350 mA, 6 W 500 mA, 7 W 24 Vdc RGB: 4 W 24 Vdc
Luminous efficiency	105 - 130 lm/W
CRI	Ra > 80 (Ra > 90 available upon request)
Chromatic selection	MacAdam 2-step
Recommended installation	recessed (wall, floor)
Working temperature	-30°C ÷ 50°C (-22°F ÷ 122°F) - for UL/CUL max 40°C (104°F) elevated temperature
Surface temperature	Ts ≤ 65°C (149°F)
Load resistance	walk-over up to 500 kg (1.102 Lbs)
Weight	350/500 mA: aluminium 162 g (0.36 Lbs), stainless steel 188 g (0.41 Lbs) 24 Vdc: aluminium 202 g (0.45 Lbs), stainless steel 228 g (0.5 Lbs)
Protection degree	IP66/IP67, IK08
Markings	CE, UL
Norms	products comply norms UL 2018 ; CAN/CSA-C22.2 No.250.0-08
Certificate number	20191127-E506810 low-voltage lighting systems, power units, luminaires and fittings

Recommended installation



Features



Notes

the temperature of the metal near the LED should not exceed 90°C (194 °F)

YOR



Recessed professional fixed fixture suitable for indoor, outdoor and underwater settings

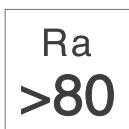
Applications:	floors, walls, stairs, facades, small trees
Settings:	squares, streets, hotels, private houses, shopping centers, wellness centers, water features, pools, pathways
Installation:	ground or wall recessed with housing
Materials:	stainless steel - glass
Finishes:	satin stainless steel
Light source:	Power LED 105 - 130 lm/W
Optics:	honeycomb (8°) - narrow beam (9°) - medium beam (24°) - wide beam (43° - 45°) - transparent or satin diffuser
Functions:	on-off, dimmable
Features:	no visible screws
Power supply:	24 Vdc constant voltage 350/500 mA constant current



WALK OVER



Made in Italy



LED colours



Features



Installation







Made in Italy












Ra
>80



105 - 130
lm/W

POWER LED 350/500 mA MONOCHROMATIC

example YOR.01.F40S1.U

power supply [mA]	power [W]	code	+	optics	+	LED colors	+	finishes	+	release
350/500	1/1,5	YOR.01		.M  narrow beam 9°		27  warm white 2700 K		S1  satin stainless steel		.U
				.F  medium beam 24°		30  warm white 3000 K				
				.W  wide beam 43°		40  neutral white 4000 K				
				.T  transparent diffuser 111°						
				.S  satin diffuser 97°						

Page references

Accessories	page 326
Power supply units	page 337
Electronics	page 338
Connection diagrams	page 345 - A1/E1/L1

Notes

350/500 mA constant current supply with series connection
LED with different colour temperatures are available on request
UL/CUL certified only constant current versions













Made in Italy

Ra
>80105 - 130
lm/W

POWER LED 24 Vdc MONOCHROMATIC

example YOR.02.H30S1.0

power supply [Vdc]	power [W]	code	+	optics		+	LED colors		+	finishes		+	release
24	2	YOR.02		.H	 honeycomb 8°		27	 warm white 2700 K		S1	 satin stainless steel		.0
				.M	 narrow beam 9°		30	 warm white 3000 K					
				.F	 medium beam 24°		40	 neutral white 4000 K					
				.W	 wide beam 43°								
				.T	 transparent diffuser 111°								
				.S	 satin diffuser 97°								



Yor 24 Vdc with honeycomb



Front view with honeycomb

Page references

Accessories	page 326
Power supply units	page 336
Electronics	page 338
Connection diagrams	page 345 - D1/K1

Notes

24 Vdc constant voltage supply dimmable, parallel connection
 LED with different colour temperatures are available on request






Made in Italy

-22°F
122°F



POWER LED 24 Vdc RGB

example YOR.02.T90S1.0

power supply [Vdc]	power [W]	code	+	optics	+	LED colors	+	finishes	+	release
24	4	YOR.02		<div><div>.W</div><div></div><div>wide beam</div><div>45°</div></div>		90 <div></div> RGB		S1 <div></div> satin stainless steel		.0
				<div><div>.T</div><div></div><div>transparent diffuser</div><div>111°</div></div>						
				<div><div>.S</div><div></div><div>satin diffuser</div><div>97°</div></div>						

Page references

Accessories	page 326
Power supply units	page 336
Electronics	page 338
Connection diagrams	page 345 - J1

Notes

24 Vdc constant voltage supply dimmable, parallel connection



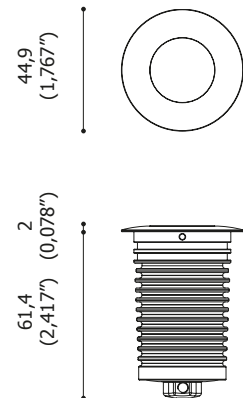
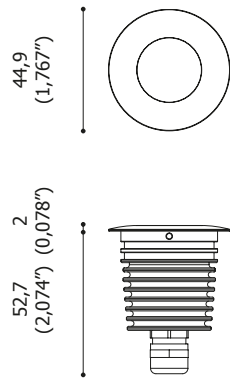
Aotea square - Auckland, New Zealand

TECHNICAL DRAWINGS

dimensions in mm (in)

350/500 mA

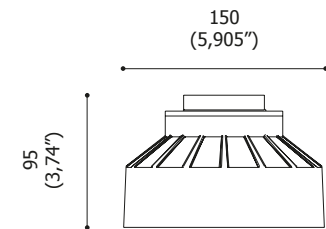
24 Vdc



RECESSING BOXES

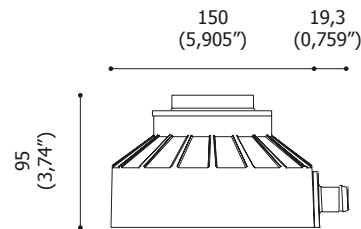
CSF.0035.0

draining housing box



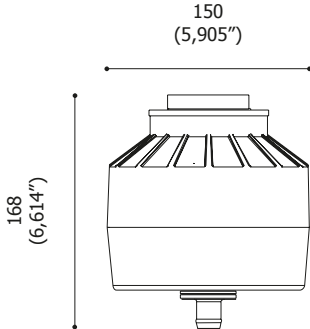
CSF.0037.0

housing box for IP68 h. 95 mm



CSF.0036.0

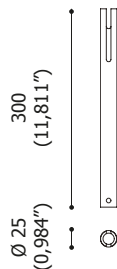
housing box for IP68 h. 168 mm



ACCESSORIES

ACC.0268.0

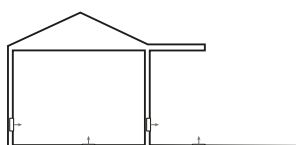
key for closing the recessing box for IP68



TECHNICAL INFORMATION

Body	stainless steel AISI 316L
Screen	transparent or satin tempered flat glass
Front	stainless steel AISI 316L
Finish	satin stainless steel
Optics	honeycomb (8°) - narrow beam (9°) - medium beam (24°) - wide beam (43° - 45°) - transparent (111°) and satin diffuser (97°)
Screws	stainless steel AISI 316L
Gaskets	silicone rubber, teflon
Installation	by means of silicone gaskets
Power supply cables	see table page 342
LED Colours	2700 K, 3000 K, 4000 K, RGB
Power supply	24 Vdc constant voltage - 350/500 mA constant current
Absorbed power	monochromatic: 350 mA: 1 W / 500 mA: 1,5 W / 24 Vdc: 2 W - RGB: 24 Vdc 4 W
Luminous efficiency	105 - 130 lm/W
CRI	Ra > 80 (Ra > 90 available upon request)
Chromatic selection	MacAdam 2-step
Recommended installation	recessed (wall, floor), immersion
Working temperature	-30°C ÷ 50°C (-22°F ÷ 122°F)
Surface temperature	Ts ≤ 65°C (149°F)
Load resistance	walk-over up to 500 kg (1.102 Lbs)
Weight	350/500 mA: 170 g (0.37 Lbs) - 24 Vdc: 235 g (0.52 Lbs)
Protection degree	IP66/IP68 - 5 meters (16.40 ft), IK08
Markings	CE, UL (only for constant current versions)
Norms	products comply norms EN60598-1 and its parts; EN60598-2 and its parts; products comply norms UL 2018 ; CAN/CSA-C22.2 No.250.0-08 (constant current versions only)
Certificate number	20191127-E506810 low-voltage lighting systems, power units, luminaires and fittings

Recommended installation



Features



Notes

the temperature of the metal near the LED should not exceed 90°C (194 °F)
non-UL/CUL certified versions can be certified on request

PUNTO



Recessed fixture suitable for indoor, outdoor and underwater settings

Applications:	floors, walls, steps, swimming pools, water features
Settings:	hotels, private houses, shopping centers, pathways, squares, pools, fountains
Installation:	wall or ground recessed with housing
Materials:	stainless steel - resins
Finishes:	satin stainless steel
Light source:	mid Power LED 140 - 180 lm/W
Optics:	transparent (99°) and opal diffuser (90°)
Functions:	on-off, dimmable
Features:	reduced dimensions square and round versions
Power supply:	24 Vdc constant voltage



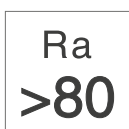
UL LISTED FOR HUMAN TOUCH



WALK OVER



Made in Italy



LED colours



Features



Installation



* LIFETIME WARRANTY ON WATER RESISTANCE: Limited Warranty, conditions apply. Lifetime warranty only on product water resistance.
See www.aldabrausa.com/warranty-policy/



Made in Italy

Ra >80

3-STEP MACADAM

-22°F 122°F

140 - 180 lm/W



MID POWER LED 24 Vdc MONOCHROMATIC

example PUN.01.T33S1.0

version	power [W]	code	+	optics	+	LED colors	+	finishes	+	release
R	0,5	PUN.01	.T	transparent diffuser 99°	27	warm white 2700 K	S1	satin stainless steel	.0	
			.D	opal diffuser 90°	30	warm white 3000 K				
					33	warm white 3300 K				
					37	neutral white 3700 K				
					52	cool white 5200 K				
									★ code only for pool applications	.U



Round version



Punto installed in the recessing box for corrugated conduit

Page references

Accessories	page 326
Power supply units	page 336
Electronics	page 338
Connection diagrams	page 345 - C1/I1

Notes

24 Vdc constant voltage supply dimmable, parallel connection

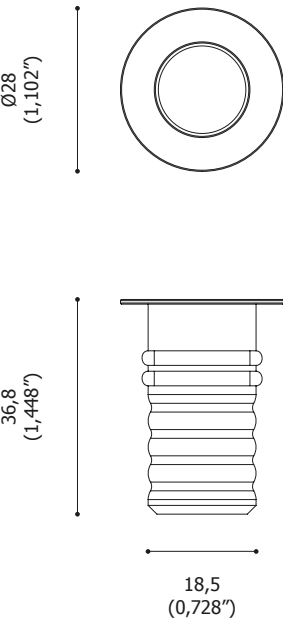
- ★ Use the .U suffix specifically for use in swimming pools
- LED with different colour temperatures are available on request



TECHNICAL DRAWINGS

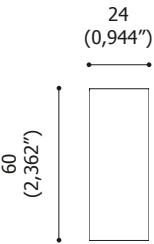
dimensions in mm (in)

Punto R

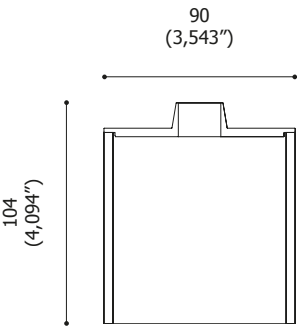


RECESSING BOXES

CSF.0027.0
recessing box for corrugated pipe



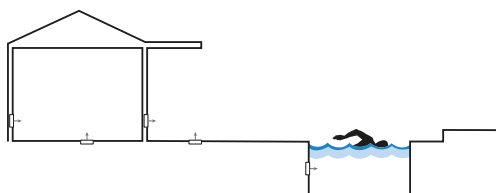
CSF.0028.0
draining recessing box



TECHNICAL INFORMATION

Body	stainless steel
Screen	transparent or opal resin
Front	satín stainless steel
Finish	satín stainless steel
Optics	transparent (99°) or satín diffuser (90°)
Installation	in recessing box, with stainless steel springs
Power supply cables	see table page 342
	for pool applications: 5 meters (16,4 ft) long cables
LED Colours	2700 K, 3000 K, 3300K, 3700K, 5200K
Power supply	constant voltage 24 Vdc
Absorbed power	0,5 W 24 Vdc
Luminous efficiency	140 - 180 lm/W
CRI	Ra > 80 (Ra > 90 available upon request)
Chromatic selection	Mac Adam 3-step
Recommended installation	recessed (wall, floor) - immersion
Working temperature	-30°C ÷ 50°C (-22°F ÷ 122°F)
Surface temperature	Ts ≤ 65°C (149°F)
Load resistance	walk-over up to 500 kg (1.102 Lbs)
Weight	75 g (0.17 Lbs)
Protection degree	IP66/IP68 - 10 meters (32.8 ft), IK08
Markings	CE, UL (UL/CUL certified only for code .U)
Norms	products comply norms UL 676; CSA C22.2 No. 89-15; UL 1818; UL 1598/C250.-08
Certificate number	20190727-E506879 wet-niche swimming pool

Recommended installation



for pool applications use the specific suffix .U
Example: PUN.01.T33S1.U

Features



Notes

the temperature of the metal near the LED should not exceed 90°C (194 °F)





Private house - Central Africa

ECLIPS



Recessed fixture with asymmetric light beam for indoor and outdoor applications, available in square, rectangular and round versions

Applications:	corridors, stairs, passageways
Settings:	hotels, private houses, shopping centers, wellness centers, museums
Installation:	wall recessed
Materials:	aluminium - opal resin
Finishes:	painted aluminium - white aluminium - titanium
Light source:	High Power LED 105 - 130 lm/W Power LED 105 - 130 lm/W
Optics:	asymmetric optics (60°)
Functions:	on-off, dimmable through specific power supply
Features:	visual comfort - no visible screws - recessed optics
Power supply:	350/500 mA constant current

LED colours



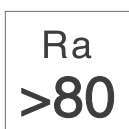
Features

IP65 IK08 1202°P

Installation



Made in Italy



* LIFETIME WARRANTY ON WATER RESISTANCE: Limited Warranty, conditions apply. Lifetime warranty only on product water resistance. See www.aldabrausa.com/warranty-policy/



Made in Italy

Ra
>802-STEP
MACADAM-22°F
122°F105 - 130
lm/W

Eclips 30










Eclips Q



Eclips R








HIGH POWER LED 350 mA MONOCHROMATIC

example ECL.04.A27G1.0

version	power [W]	code	+	optics	+	LED colors	+	finishes	+	release
Eclips 30	4	ECL.04		.A  asymmetric 60° optics		27  warm white 2700 K		G1  painted aluminium		.0
Eclips R	4	ECL.05				30  warm white 3000 K		W1  white aluminium		
Eclips Q	4	ECL.06				40  neutral white 4000 K		Z1  titanium		

POWER LED 350/500 mA MONOCHROMATIC

example ECL.01.A40Z1.0

version	power [W]	code	+	optics	+	LED colors	+	finishes	+	release
Eclips 30	1/1,5	ECL.01		.A  asymmetric 60° optics		27  warm white 2700 K		G1  painted aluminium		.0
Eclips R	1/1,5	ECL.02				30  warm white 3000 K		W1  white aluminium		
Eclips Q	1/1,5	ECL.03				40  neutral white 4000 K		Z1  titanium		

Page references

Accessories	page 326
Power supply units	page 337
Electronics	page 338
Connection diagrams	page 345 - A1/E1/L1

Notes

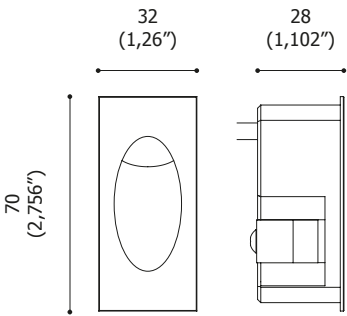
350/500 mA constant current supply with series connection
 LED with different colour temperatures are available on request



TECHNICAL DRAWINGS

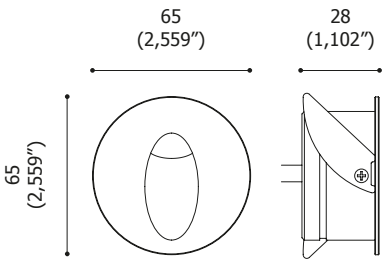
dimensions in mm (in)

Eclips 30



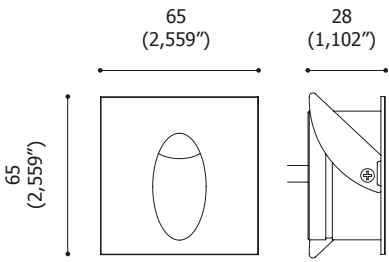
dimensions of recessing hole
25 x 65 mm (0,984" x 2,559")

Eclips R



dimensions of recessing hole
Ø 56 mm (2,205")

Eclips Q

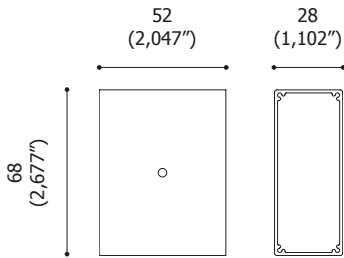


dimensions of recessing hole
Ø 56 mm (2,205")

RECESSING BOXES

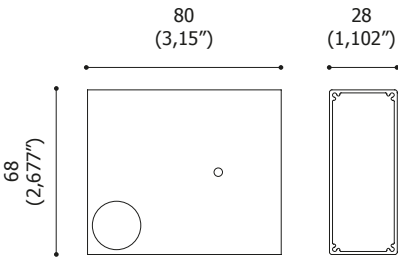
CSF.0016.1

Eclips 30 steel recessing box for plasterboard



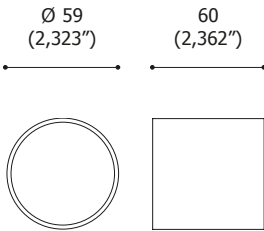
CSF.0017.1

Eclips 30 steel recessing box for concrete



CSF.0018.0

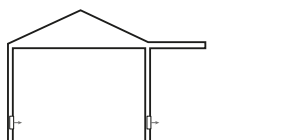
Eclips R-Q recessing box



TECHNICAL INFORMATION

Body	ANTICORODAL aluminium alloy
Screen	opal resin
Front	ANTICORODAL aluminium alloy
Finish	painted aluminium - white aluminium - titanium
Optics	asymmetric optics (60°)
Screws	stainless steel AISI 316L
Gaskets	silicone rubber
Installation	through stainless steel springs
Power supply cables	see table page 342
LED Colours	2700 K, 3000 K, 4000 K
Power supply	350/500 mA constant current
Absorbed power	Power LED: 350 mA 1 W / 500 mA 1,5 W - High Power LED: 350 mA 4 W
Luminous efficiency	105 - 130 lm/W
CRI	Ra > 80 (Ra > 90 available upon request)
Chromatic selection	MacAdam 2-step
Recommended installation	recessed (wall)
Working temperature	-30°C ÷ 50°C (-22°F ÷ 122°F)
Weight	Eclips 30: 110 g (0.24 Lbs) - Eclips Q/R: 240 g (0.53 Lbs)
Protection degree	IP65, IK08
Markings	CE, UL
Norms	products comply norms UL 2018; CAN/CSA-C22.2 No.250.0-08
Certificate number	20211230-E506810 Low-voltage Lighting Systems, Power Units, Luminaires and Fittings

Recommended installation



Features



Notes

the temperature of the metal near the LED should not exceed 90°C (194 °F)





ADHARA

PATENT



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
Light source:	Power LED 105 - 130 lm/W
Optics:	hybrid optics narrow beam (13°) - wide beam (35°)
Functions:	on-off, dimmable
Features:	hybrid optics for an optimal visual comfort
Power supply:	350/500 mA constant current

LED colours



Features

IP40 IK05 1202°P

Installation



Made in Italy

Ra
>80





Made in Italy

Ra >80

2-STEP
MACADAM

32°F
104°F

105 - 130
lm/W



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

example ADH.01.W40A1.0

alimentazione [mA]	power [W]	code	+	optics	+	LED colors	+	finishes	+	release
350/500	1/1,5	ADH.01		.M narrow beam 13°		27 warm white 2700 K		A1 anodized aluminium		.0
				.W wide beam 35°		30 warm white 3000 K		W1 matt white		
						40 neutral white 4000 K				



Rotation ± 25°

Page references

Accessories	page 326
Power supply units	page 337
Electronics	page 338
Connection diagrams	page 345 - A1/E1/L1

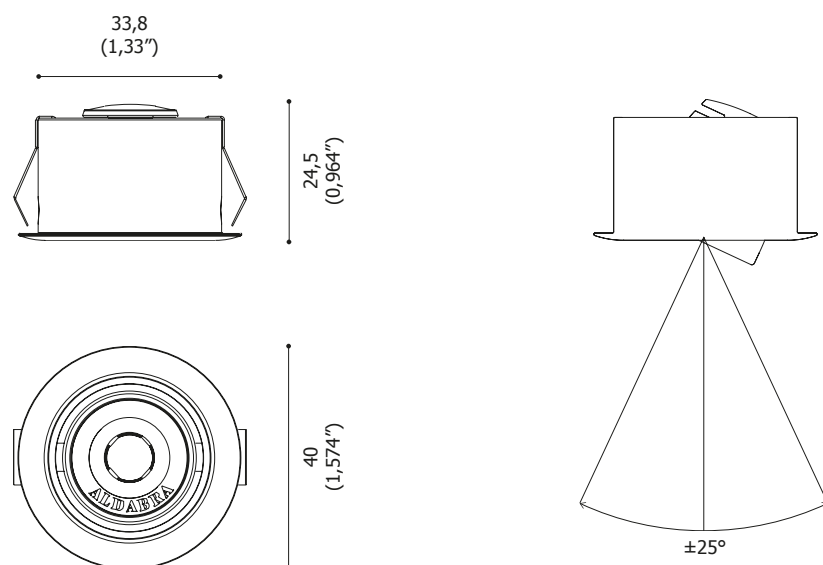
Notes

- 350/500 mA constant current supply with series connection
- LED with different colour temperatures are available on request
- 20 pieces package



TECHNICAL DRAWINGS

dimensions in mm (in)

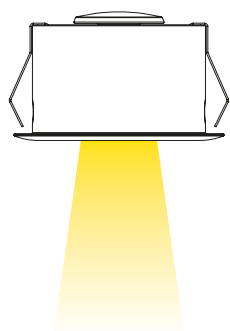


Dimension of recessing hole

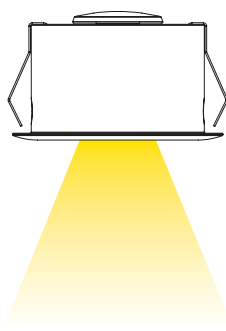


Minimum thickness for installation 2 mm (0,078")

OPTICS



Optic 13°



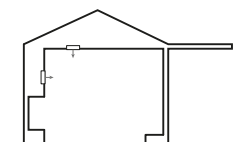
Optic 35°



TECHNICAL INFORMATION

Body	anticorodal aluminium alloy
Front	polished stainless steel
Body finish	anodized aluminium or matt white
Optics	specular hybrid optics - narrow beam (13°), wide beam (35°)
Screws	stainless steel AISI 316L
Gaskets	VHB
Installation	stainless steel fixing springs
Chromatic selection	MacAdam 2-step
Power supply cables	see table page 342
Available light sources	Power LED 1-1,5W
LED luminous efficiency	105 - 130 lm/W
CRI	Ra > 80 (Ra > 90 available upon request)
Colour temperature	2700 K, 3000 K, 4000 K
Power supply	350/500 mA constant current
Recommended installation	recessed (wall, ceiling)
Working temperature	0°C ÷ 40°C (32°F ÷ 104°F)
Weight	42 g (0.09 Lbs)
Protection degree	IP40, IK05
Markings	CE, UL
Norms	products comply norms UL 2018 ; CAN/CSA-C22.2 No.250.0-08
Certificate number	20191127-E506810 low-voltage lighting systems, power units, luminaires and fittings

Recommended installation



Features



Notes

the temperature of the metal near the LED should not exceed 90°C (194 °F)

RIGEL

PATENT



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
Light source:	Power LED 105 - 130 lm/W
Optics:	hybrid optics narrow beam (13°) - wide beam (35°)
Functions:	on-off, dimmable
Features:	hybrid optics for an optimal visual comfort
Power supply:	350/500 mA constant current

LED colours



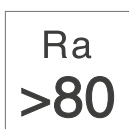
Features



Installation



Made in Italy












Made in Italy

Ra
>802-STEP
MACADAM32°F
104°F105 - 130
lm/W

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

example RIG.01.M27W1.0

alimentazione [mA]	power [W]	code	+	optics	+	LED colors	+	finishes	+	release
350/500	1/1,5	RIG.01		.M  narrow beam 13°		27  warm white 2700 K		A1  anodized aluminium		.0
				.W  wide beam 35°		30  warm white 3000 K		W1  matt white		
						40  neutral white 4000 K				



Back view

Page references

Accessories	page 326
Power supply units	page 337
Electronics	page 338
Connection diagrams	page 345 - A1/E1/L1

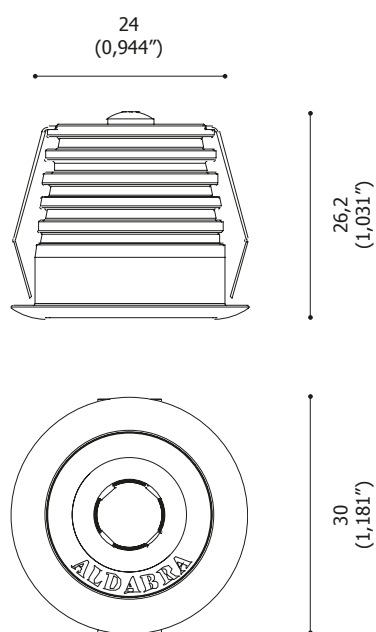
Notes

350/500 mA constant current supply with series connection
 LED with different colour temperatures are available on request
 20 pieces package



TECHNICAL DRAWINGS

dimensions in mm (in)

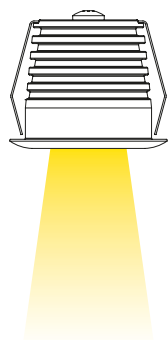


Dimension of recessing hole

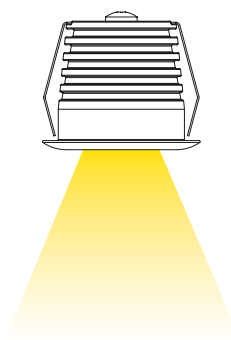


Minimum thickness for installation 2 mm (0,078")

OPTICS



Optic 13°



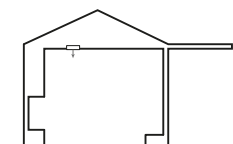
Optic 35°



TECHNICAL INFORMATION

Body	anticorodal aluminium alloy
Front	polished stainless steel
Body finish	anodized aluminium or matt white
Optics	specular hybrid optics - narrow beam (13°), wide beam (35°)
Screws	stainless steel AISI 316L
Gaskets	VHB
Installation	stainless steel fixing springs
Chromatic selection	MacAdam 2-step
Power supply cables	see table page 342
Available light sources	Power LED 1-1,5W
LED luminous efficiency	105 - 130 lm/W
CRI	Ra > 80 (Ra > 90 available upon request)
Colour temperature	2700 K, 3000 K, 4000 K
Power supply	350/500 mA constant current
Recommended installation	recessed (ceiling)
Working temperature	0°C ÷ 40°C (32°F ÷ 104°F)
Weight	28 g (0.06 Lbs)
Protection degree	IP40, IK05
Markings	CE, UL
Norms	products comply norms UL 2018 ; CAN/CSA-C22.2 No.250.0-08
Certificate number	20191127-E506810 low-voltage lighting systems, power units, luminaires and fittings

Recommended installation



Features



Notes

the temperature of the metal near the LED should not exceed 90°C (194 °F)