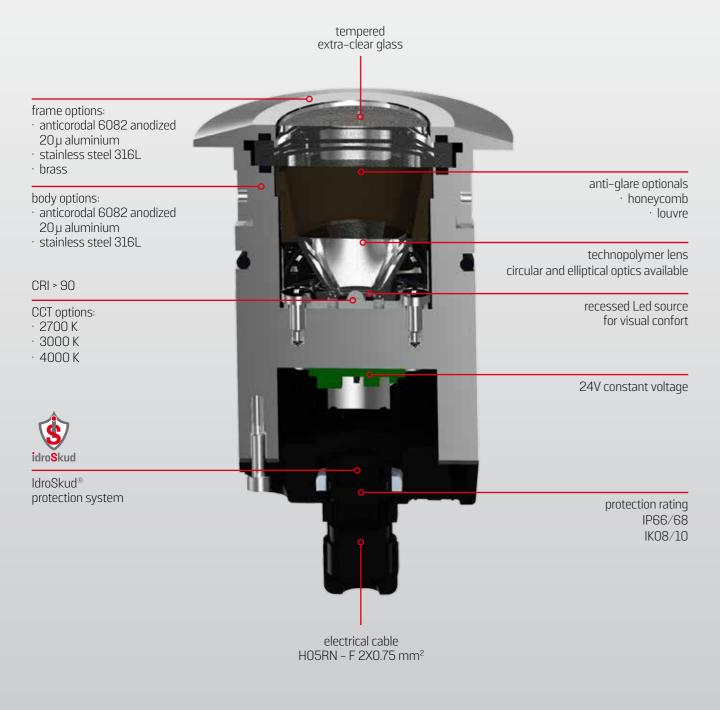




OCEANO

CONSTRUCTION FEATURES



m

OCEANO

WALK-OVER





DRIVE-OVER





WALK-OVER GRAZING EMISSION



ITALIAN DESIGN

aluminium













OCEANO 1.0

OCEANO 1.0



brass

power	1W – single chip Power Led
power supply	24V constant voltage
insulation class	III class
IP rating	IP66 / IP68
IK rating	IK 09
operating temperature	-20°C / +50°C
size	Ø 29 x 44 mm
light source flux	172 lm (3000K)
effective flux	up to 53 lm (3000K)
beam angles	circular 15° – 25° – 40°; elliptical 20° x 43°
CCT	2700K - 3000K - 4000K
CRI	> 90
BIN selection	2 Step MacAdam
lifetime	L80 B10 50.000 h

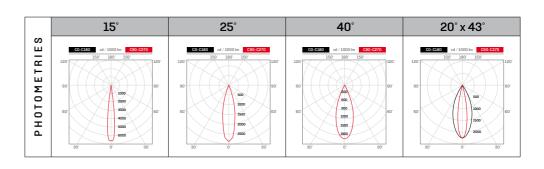
Inground walk-over luminaire, suitable for outdoor use (IP66/IP68), with operating temperature range: -20°C / +50°C. To offer the maximum application versatility the body can be made of aluminium or steel; the upper round frame in aluminium, steel or brass. The light source consists of a single chip **1W** power LED supplied at 24V constant voltage. The luminous flux up to 53 lm (3000K) makes it ideal for marking out **walkways** or for obtaining a starry effect on the ceiling, thanks to different beam angles: circular 15°, 25° and 40° and an elliptical 20°x 43°. The source is recessed for greater visual comfort. Different **colour temperatures** are available: 2700K, 3000K, 4000K with CRI > 90. Oceano 1.0 is equipped with the **IdroSkud®** system for the protection of electronic components against voltage spikes, polarity reversal and water infiltration. Installation accessories are provided (draining and waterproof outer case and plasterboard spring). The power cable length is 0.4m; on request: 1.5m, 5m, 10m, 15m.

body materials	– anticorodal 6082 anodized 20µ aluminium – 316L stainless steel	
frame materials	– anticorodal 6082 anodized 20 µ aluminium – 316L stainless steel – brass	
screen	tempered extra-clear glass - 4 mm	
installation	with outer case / plasterboard spring	
power cable	FR5F0EM7 -AD8 2X0.5 mm ²	
electrical connection	parallel	
weight	45 g (aluminium) 97 g (steel)	
protection system	ldroSkud® System _ polarity reversal protection _ voltage spikes protection _ water infiltration protection	
made in	ITALY	

20



	draining outer case	slim draining outer case	waterproof outer case	plasterboard spring
	CEAZZZ000	CEAZZZ001	CEAZZZ002	CEAZZZ014
ACCESSORIES	4			
	Ø 24,3 x Ø 74,2 x 75	Ø 25 x 66	Ø 25 x 87	
	power supply for recommended models see page 40 of the catalogue			



















PRODUCT CODE CONFIGURATION



	family	
CEA	MIZAR OCE	ANO
model		
00	OCEANO I	L.O
CCT		
С	2700 K	
	00001/	

CCT		
С	2700 K	
D	3000 K	
F	4000 K	
CRI		

С	> 90	
beam angles		
S	15°	V
М	25°	V
L	40°	
Е	20°x43° ell.	

L	40°	
Ε	20°x43° ell.	-
optionals		
0	no one	

frame finishing		
00	aluminium body aluminium frame	
01	steel body steel frame	
02	aluminium body brass frame	
03	steel body brass frame	

	bid55 fidific	
cable length		
Α	0,4 m	
С	1,5 m	
Н	5 m	
М	10 m	
Р	15 m	

variant

standard

00

or correct code composition
ee instructions on page 151
of the catalogue or go to
www.mizar.it

















OCEANO 1.1



aluminium





power	1W – single chip Power Led
power supply	24V constant voltage
insulation class	III class
IP rating	IP66 / IP68
IK rating	IK 09
operating temperature	-20°C/+50°C
size	29 x 29 x 44 mm
light source flux	172 lm (3000K)
effective flux	up to 53 lm (3000K)
beam angles	circular 15° – 25° – 40°; elliptical 20° x 43°
CCT	2700K - 3000K - 4000K
CRI	> 90
BIN selection	2 Step MacAdam
lifetime	L80 B10 50.000 h

Inground walk-over luminaire, suitable for outdoor use (IP66/IP68), with operating temperature range: -20°C / +50°C. To offer the maximum application versatility the body can be made of aluminium or steel; the upper square frame in aluminium, steel or brass. The light source consists of a single chip ${\bf 1W}$ power LED supplied at 24V constant voltage. The luminous flux up to 53 lm (3000K) makes it ideal for marking out **walkways** or for obtaining a starry effect on the ceiling, thanks to different beam angles: circular 15°, 25° and 40° and an elliptical 20°x 43°. The source is recessed for greater visual comfort. Different **colour temperatures** are available: 2700K, 3000K, 4000K with CRI > 90. Oceano 1.1 is equipped with the **IdroSkud®** system for the protection of electronic components against voltage spikes, polarity reversal and water infiltration. Installation accessories are provided (draining and waterproof outer case and plasterboard spring). The power cable length is 0.4m; on request: 1.5m, 5m, 10m, 15m.

body materials	– anticorodal 6082 anodized 20 µ aluminium – 316L stainless steel	
frame materials	– anticorodal 6082 anodized 20 µ aluminium – 316L stainless steel – brass	
screen	tempered extra-clear glass - 4 mm	
installation	with outer case / plasterboard spring	
power cable	FR5F0EM7 -AD8 2X0.5 mm ²	
electrical connection	parallel	
weight	46 g (aluminium) 99 g (steel)	
protection system	ldroSkud [®] System _ polarity reversal protection _ voltage spikes protection _ water infiltration protection	
made in	ITALY	

29 29 44 20



	draining outer case	slim draining outer case	waterproof outer case	plasterboard spring
	CEAZZZ000	CEAZZZ001	CEAZZZ002	CEAZZZ014
ACCESSORIES	4			
	Ø 24,3 x Ø 74,2 x 75	Ø 25 x 66	Ø 25 x 87	
	power supply for recommended models see page 40 of the catalogue			que

15°	25°	40°	20° x 43°
10 150 150 150 150 150 150 150 150 150 1	201100 cd / 12000 lm C002770 1207 1207 1207 1207 1207 1207 1207	150 180 250 120 120 120 120 120 120 120 120 120 12	120 150 160 150 150 160 160 160 160 160 160 160 160 160 16



















00

OCEANO 1.1

PRODUCT CODE CONFIGURATION



family		
CEA	MIZAR OCEANO	
model		
01 OCEANO 1.1		
CCT		

	CCT	
С	2700 K	
D	3000 K	
F	4000 K	
ODI		

	0111
С	> 90
	beam angles

beam angles		
S	15°	
М	25°	
L	40°	
Ε	20°x43° ell.	

optionals

U	no one
ŧ	ramo finichin

frame finishing		
00	aluminium body aluminium frame	
01	steel body steel frame	
02	aluminium body brass frame	
വാ	steel body	

brass frame cable length

Α	0,4 m	
С	1,5 m	
Н	5 m	
М	10 m	
Р	15 m	

variant standard

For correct code composition see instructions on page 151 of the catalogue or go to

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aluminium

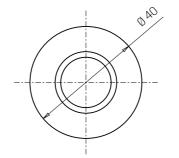
power	2W – single chip Power Led	
power supply	24V constant voltage	
insulation class	III class	
IP rating	IP66 / IP68	
IK rating	IK 07	
operating temperature	-20°C/+50°C	
size	Ø 40 x 76 mm	
light source flux	195 lm (3000K)	
effective flux	up to 120 lm (3000K)	
beam angles	circular 10° – 36° – 60° ; elliptical 10° x 53°	
CCT	2700K - 3000K - 4000K	
CRI	> 90	
BIN selection	2 Step MacAdam	
lifetime	L80 B10 50.000 h	

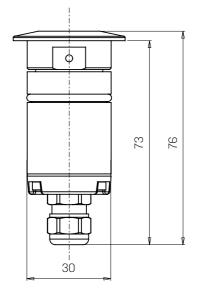
Inground walk-over luminaire, suitable for **outdoor** use (IP66/IP68), with operating temperature range: -20°C / +50°C. To offer the maximum application versatility the body can be made of aluminium or steel; the upper round frame in aluminium, steel or brass. The light source consists of a single chip ${\bf 2W}$ power LED supplied at 24V constant voltage. The luminous flux up to **120 lm** (3000K) makes it **ideal** for marking out **walkways** or for obtaining a starry

effect on the ceiling, thanks to different beam angles: circular 10°, 36° and 60° and an elliptical 10°x 53°. The source is recessed for greater visual comfort. The **colour temperature** is available variants: 2700K, 3000K, 4000K with CRI > 90. Oceano 2.0 is equipped with the **IdroSkud®** system for the protection of electronic components against voltage spikes, polarity reversal and water infiltration.

There are optionals for anti-glare (honeycomb) and installation accessories are provided (draining and waterproof outer case and plasterboard spring). The power cable length is 0.4m; on request: 1.5m, 5m, 10m, 15m.

body materials	– anticorodal 6082 anodized 20 µ aluminium – 316L stainless steel
frame materials	- anticorodal 6082 anodized 20 µ aluminium - 316L stainless steel - brass
screen	tempered extra-clear glass - 6 mm
installation	with outer case / plasterboard spring
power cable	H05RN - F 2X0.75 mm ²
electrical connection	parallel
weight	101 g (aluminium) 212 g (steel)
protection system	IdroSkud® System _ polarity reversal protection _ voltage spikes protection _ water infiltration protection
made in	ITALY





	honeycomb	cable m 0.4, 1.5, 5, 10, 15
OPTIONALS		

	draining outer case	slim draining outer case	waterproof outer case	plasterboard spring
	CEAZZZ003	CEAZZZ004	CEAZZZ005	CEAZZZ015
ACCESSORIES				
	Ø35 x Ø85 x 102	Ø35×100	Ø36ר70×93	
	fo	power	supply	al la

10°	36°	60°	10° x 53°
00-150 et/1000 in C0-270 120 130 180 150 120 120 130 180 150 120 10 10 10 10 10 10 10 10 10 10 10 10 10 1	20-C180 cd / 1000 lm C50-C270 150 150 150 150 150 150 150 150 150 15	00 C180 cd / 1000 lm C50 C270 150 180 150 100 180 150 90 90 90 100 100 100 100 100 100 100 100	20 C180 cd / 1000 to C50 C270 120 150 150 150 120 90 100 100 100 100 00 100 100 100 100 100

















OCEANO 2.0

PRODUCT CODE CONFIGURATION



	family	
CEA	MIZAR OCE	ANO
model		
02	OCEANO	2.0
	CCT	
С	2700 K	
D	3000 K	
F	4000 K	

CRI		
С	> 90	
	beam angles	
S	10°	V

S	10°	V
М	36°	
L	60°	
E	10°x53° ell.	

	optionals	
0	no one	
1	honevcomb	æ

Trame finishing		
00	aluminium body aluminium frame	
01	steel body steel frame	
02	aluminium body brass frame	
03	steel body brass frame	

cable leffyth		
Α	0,4 m	
C	1,5 m	
Н	5 m	
М	10 m	
Р	15 m	

variant		
00	standard	

For correct code composition see instructions on page 151 of the catalogue or go to

















OCEANO 2.1



aluminium





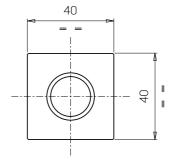
power	2W – single chip Power Led
power supply	24V constant voltage
insulation class	III class
IP rating	IP66 / IP68
IK rating	IK 07
operating temperature	-20°C/+50°C
size	40 x 40 x 76 mm
light source flux	195 lm (3000K)
effective flux	up to 120 lm (3000K)
beam angles	circular 10° – 36° – 60°; elliptical 10° x 53°
CCT	2700K - 3000K - 4000K
CRI	> 90
BIN selection	2 Step MacAdam
lifetime	L80 B10 50.000 h

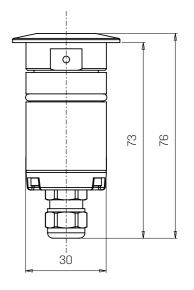
Inground walk-over luminaire, suitable for **outdoor** use (IP66/IP68), with operating temperature range: -20°C / +50°C. To offer the maximum application versatility the body can be made of aluminium or steel; the upper square frame in aluminium, steel or brass. The light source consists of a single chip **2W** power LED supplied at 24V constant voltage.

The luminous flux up to **120 lm** (3000K) makes it **ideal** for marking out **walkways** or for obtaining a starry effect on the ceiling, thanks to different beam angles: circular 10°, 36° and 60° and an elliptical 10°x 53°. The source is recessed for greater visual comfort. Different colour temperatures are available: 2700K, 3000K, 4000K with CRI > 90. Oceano 2.1 is equipped with the **IdroSkud®** system for the protection of electronic components against voltage spikes, polarity reversal and water infiltration.

There are optionals for anti-glare (honeycomb) and installation accessories are provided (draining and waterproof outer case and plasterboard spring). The power cable length is 0.4m; on request: 1.5m, 5m, 10m, 15m.

body materials	– anticorodal 6082 anodized 20 µ aluminium – 316L stainless steel
frame materials	– anticorodal 6082 anodized 20 µ aluminium – 316L stainless steel – brass
screen	tempered extra-clear glass - 6 mm
installation	with outer case / plasterboard spring
power cable	H05RN - F 2X0.75 mm ²
electrical connection	parallel
weight	102 g (aluminium) 222 g (steel)
protection system	IdroSkud® System _ polarity reversal protection _ voltage spikes protection _ water infiltration protection
made in	ITALY





	honeycomb	cable m 0.4, 1.5, 5, 10, 15
OPTIONALS		

	draining outer case	slim draining outer case	waterproof outer case	plasterboard spring
	CEAZZZ003	CEAZZZ004	CEAZZZ005	CEAZZZ015
ACCESSORIES				
	Ø35 x Ø85 x 102	Ø35×100	Ø36ר70×93	
	power supply for recommended models see page 40 of the catalogue			nue

10°	36°	60°	10° x 53°
120 120	90	150 180 150 150 150 150 150 150 150 150 150 15	90



















OCEANO 2.1

PRODUCT CODE CONFIGURATION



fa	ım	il	y
N 417	7 1	_	_

	Idillily			
CEA	MIZAR OCE	ANO		
	model			
03	OCEANO:	2.1		
CCT				
С	2700 K			
D	3000 K			
F	4000 K			

CRI

U	> 90	
	beam angles	
S	10°	
М	36°	

60° L **E** 10°x53° ell.

optionals no one

1	honeycomb	₿
frame finishing		~

	frame finishing		
	00	aluminium body aluminium fram	
	01	steel body steel frame	
	02	aluminium body brass frame	
	03	steel body brass frame	

cable length

cable length		
Α	0,4 m	
С	1,5 m	
Н	5 m	
М	10 m	
Р	15 m	

	variant
00	standard

For correct code composition see instructions on page 151 of the catalogue or go to

















Inground walk-over luminaire, suitable for outdoor



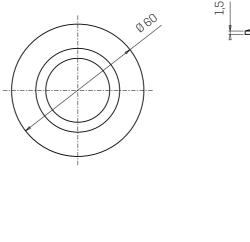
aluminium

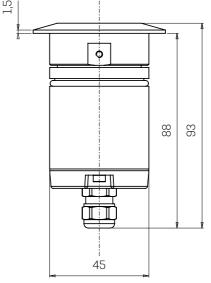
power	2W – single chip Power Led
power supply	24V constant voltage
insulation class	III class
IP rating	IP66 / IP68 10 m
IK rating	IK 10
operating temperature	-20°C / +50°C
size	Ø 60 x 93 mm
light source flux	227 lm (3000K)
effective flux	up to 153 lm (3000K)
beam angles	circular 10° – 25° – 40°; elliptical 10° x 45°
ССТ	2700K - 3000K - 4000K
CRI	> 90
BIN selection	2 Step MacAdam
lifetime	L80 B10 50.000 h

use and underwater up to 10m (IP66/IP68), with operating temperature range: -20°C / +50°C. To offer the maximum application versatility the body can be made of aluminium or steel; the upper round frame in aluminium, steel or brass. The light source consists of a single chip ${\bf 3W}$ power LED supplied at 24V constant voltage. The luminous flux up to 153 lm (3000K) makes it ideal for marking out **walkways** or for illuminate architectural details, thanks to different beam angles: circulatir 10°, 25° and 40° and an elliptical 10°x 45°. The source is recessed for greater visual comfort. Different **colour temperatures** are available: 2700K, 3000K, 4000K with CRI > 90. Oceano 3.0 is equipped with the **IdroSkud®** system for the protection of electronic components against voltage spikes, polarity reversal and water infiltration. There are optionals for anti-glare (honeycomb and louvre) and installation accessories are provided (draining and waterproof outer case). The power cable length is 0.4m;

on request: 1.5m, 5m, 10m, 15m.

body materials	- anticorodal 6082 anodized 20µ aluminium- 316L stainless steel- brass	
frame materials	anticorodal 6082 anodized20µ aluminium316L stainless steel	
screen	tempered extra-clear glass - 8 mm	
installation	with outer case	
power cable	H05RN - F 2X0.75 mm ²	
electrical connection	parallel	
weight	270 g (aluminium) 622 g (steel)	
protection system	IdroSkud® System _ polarity reversal protection _ voltage spikes protection _ water infiltration protection	
made in	ITALY	





	honeycomb	louvre	cable m 0.4, 1.5, 5, 10, 15
OPTIONALS			

	draining outer case	slim draining outer case	waterproof outer case
	CEAZZZ006	CEAZZZ007	CEAZZZ008
ACCESSORIES			
	Ø 49.5 x Ø 111 x 112	Ø 54 x Ø 95 x 115	Ø 54 x Ø 95 x 139
power supply for recommended models see page 40 of the catalogue			

10°	25°	40°	10° x 45°
00.0180 cd/1000 lm 000.0270 1507 1507 1507 1507 1507 1507 1507 15	90	20-C150 cd / 1000 lm C80-C270 120 150 180 150 120 90 120 60 1300 60 1300 60 30 30 0 30 30 0 30	200-C130 cd /1000 lm C36-C270 120 150 150 150 150 150 120 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0



















00

OCEANO 3.0

PRODUCT CODE CONFIGURATION



	family		
CEA	MIZAR OCE	ANO	
	model		
04	OCEANO 3	3.0	
	ССТ		
С	2700 K		
D	3000 K		
F	4000 K		

	CRI
C	> 90
	In a contract of the contract

beam angles		
S	10°	
М	25°	
L	40°	
Ε	10°x45° ell.	

	optionals	
0	no one	
1	honeycomb	8
2	louvre	

frame finishing		
00	aluminium body aluminium frame	
01	steel body steel frame	
02	aluminium body brass frame	
03	steel body brass frame	

cable length		
Α	0,4 m	
С	1,5 m	
Н	5 m	
М	10 m	
Р	15 m	
variant		

or correct code composition
ee instructions on page 151
of the catalogue or go to
www.mizarit

standard



















OCEANO 3.1

Inground walk-over luminaire, suitable for outdoor



aluminium





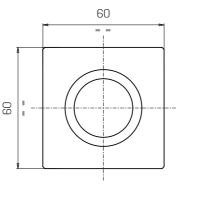


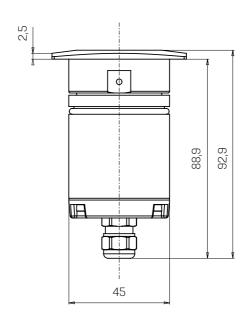
power	3W – single chip Power Led
power supply	24V constant voltage
insulation class	III class
IP rating	IP66 / IP68 10 m
IK rating	IK 10
operating temperature	-20°C / +50°C
size	60 x 60 x 93 mm
light source flux	227 lm (3000K)
effective flux	up to 153 lm (3000K)
beam angles	circular 10° – 25° – 40° ; elliptical 10° x 45°
ССТ	2700K - 3000K - 4000K
CRI	> 90
BIN selection	2 Step MacAdam
lifetime	L80 B10 50.000 h

use and underwater up to 10m (IP66/IP68), with operating temperature range: -20°C / +50°C. To offer the maximum application versatility the body can be made of aluminium or steel; the upper square frame in aluminium, steel or brass. The light source consists of a single chip **3W** power LED supplied at 24V constant voltage. The luminous flux up to 153 lm (3000K) makes it ideal for marking out **walkways** or for illuminate architectural details, thanks to different beam angles: circular 10°, 25° and 40° and an elliptical 10°x 45°. The source is recessed for greater visual comfort. Different **colour temperatures** are available: 2700K, 3000K, 4000K with CRI > 90. Oceano 3.1 is equipped with the IdroSkud® system for the protection of electronic components against voltage spikes, polarity reversal and water infiltration. There are optionals for anti-glare (honeycomb and louvre) and installation accessories are provided

(draining and waterproof outer case). The power cable length is 0.4m; on request: 1.5m, 5m, 10m, 15m.

body materials	– anticorodal 6082 anodized 20µ aluminium – 316L stainless steel
frame materials	– anticorodal 6082 anodized 20µ aluminium – 316L stainless steel – brass
screen	tempered extra-clear glass - 8 mm
installation	with outer case
power cable	H05RN - F 2X0.75 mm ²
electrical connection	parallel
weight	293 g (aluminium) 633 g (steel)
protection system	ldroSkud® System _ polarity reversal protection _ voltage spikes protection _ water infiltration protection
made in	ITALY





	honeycomb	louvre	cable m 0.4, 1.5, 5, 10, 15
OPTIONALS			

	draining outer case	slim draining outer case	waterproof outer case
	CEAZZZ006	CEAZZZ007	CEAZZZ008
ACCESSORIES			
	0 49.5 x 0 111 x 112	Ø 54 x Ø 95 x 115	Ø 54 x Ø 95 x 139
	for recomm	power supply mended models see page 40 of th	e catalogue

10°	25°	40°	10° x 45°
00C150 cd / 1000 lm	90	60 (189 et / 1000 lm (180 c / 270 c /	200 - 2000 200



















OCEANO 3.1

PRODUCT CODE CONFIGURATION



fami	ily

iaiiiiy			
CEA	MIZAR OCE	ANO	
model			
05	OCEANO :	3.1	
CCT			
С	2700 K		
D	3000 K		
F	4000 K		

CRI

C	> 90
	beam angles

beam angles		
S	10°	V
М	25°	$\overline{}$
L	40°	
F	10°v45° ell	

optionals			
0	no one		
1	honeycomb	₿	
2	louvre		

frame finishing

00	aluminium body aluminium frame
01	steel body steel frame
02	aluminium body brass frame
03	steel body brass frame

cable length

Α	0,4 m
С	1,5 m
Н	5 m
М	10 m
Р	15 m

variant

standard

r	correct code	compositio

see instructions on page 151 of the catalogue or go to www.mizar.it

















PRODUCT CODE CONFIGURATION



family CEA MIZAR OCEANO model 06 OCEANO 3.2

CCT 2700 K

3000 K 4000 K

CRI

С > 90 beam angles

S 10° 25° 40° **E** 10°x45° ell.

optionais		
0	no one	
1	honeycomb	œ
2	louvre	

frame finishing

	cable length
01	steel body steel frame
00	aluminium body aluminium frame

Α	0,4 m
С	1,5 m
Н	5 m
М	10 m
Р	15 m

	variant		
nn	ctandard		

For correct code composition see instructions on page 151 of the catalogue or go to



27

OCEANO 3.2



aluminium



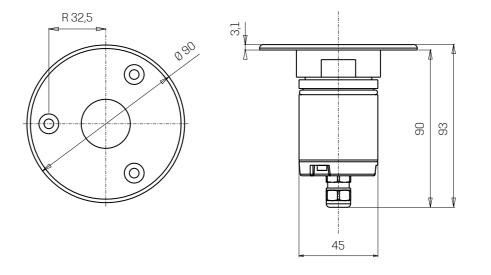
power	3W – single chip Power Led
power supply	24V constant voltage
insulation class	III class
IP rating	IP66 / IP68 10 m
IK rating	IK 10
operating temperature	-20°C / +50°C
size	Ø 90 x 93 mm
light source flux	227 lm (3000K)
effective flux	up to 153 lm (3000K)
beam angles	circular 10° – 25° – 40° ; elliptical 10° x 45°
CCT	2700K - 3000K - 4000K
CRI	> 90
BIN selection	2 Step MacAdam
lifetime	L80 B10 50.000 h

Inground **drive-over** luminaire, suitable for **outdoor** use and underwater up to 10m (IP66/IP68), with operating temperature range: -20°C / +50°C. To offer the maximum application versatility the body can be made of aluminium or steel; the upper round frame in aluminium, steel or brass. The light source consists of a single chip **3W** power LED supplied at 24V constant voltage. The luminous flux up to 153 lm (3000K) makes it ideal for marking out **walkways** and driveways or for illuminate architectural details, thanks to different beam angles: circular 10°, 25° and 40° and an elliptical 10°x 45°. The source is recessed for greater visual comfort. Different **colour temperatures** are available: 2700K, 3000K, 4000K with CRI > 90.

Oceano 3.2 is equipped with the **IdroSkud®** system for the protection of electronic components against voltage spikes, polarity reversal and water infiltration. There are optionals for anti-glare (honeycomb and louvre) and installation accessories are provided (drive-over outer case). The power cable length is 0.4m;

on request: 1.5m, 5m, 10m, 15m.

body materials	– anticorodal 6082 anodized 20 µ aluminium – 316L stainless steel
frame materials	– anticorodal 6082 anodized 20 µ aluminium – 316L stainless steel
screen	tempered extra-clear glass - 8 mm
installation	with outer case
power cable	H05RN - F 2X0.75 mm ²
electrical connection	parallel
weight	308 g (aluminium) 748 g (steel)
protection system	IdroSkud® System _ polarity reversal protection _ voltage spikes protection _ water infiltration protection
made in	ITALY



	honeycomb	louvre	cable m 0.4, 1.5, 5, 10, 15
OPTIONALS			



10°	25°	40°	10° x 45°
CO CO CO CO CO CO CO CO	90	50-C150 et/1000 to C50-C270 120 150 160 150 120 60 60 120 60 60 120 60 60 60 60 60 60 60 60 60 60 60 60 60	120 (4/1000) (4/1000) (300-270) (120 (1000)



































PRODUCT CODE CONFIGURATION



family CEA MIZAR OCEANO

model OCEANO 3.3

07 CCT

2700 K 3000 K 4000 K

CRI

С > 90

beam angles S 10° 25° 40°

E | 10°x45° ell.

	optionals		
	0	no one	
1		honeycomb	₩
	2	louvre	

frame finishing

00	aluminium body aluminium frame
01	steel body steel frame

cable length

Α	0,4 m
С	1,5 m
Н	5 m
М	10 m
Р	15 m

	variant	
00	standard	

For correct code composition see instructions on page 151 of the catalogue or go to



29

OCEANO 3.3



aluminium

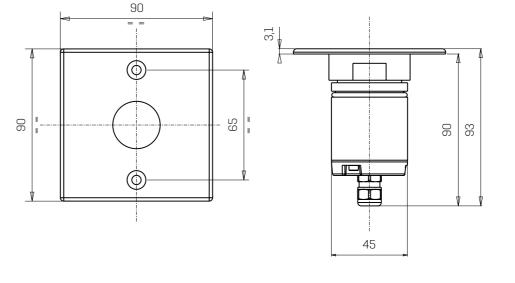


3W – single chip Power Led
24V constant voltage
III class
IP66 / IP68 10 m
IK 10
-20°C / +50°C
90 x 90 x 93 mm
227 lm (3000K)
up to 153 lm (3000K)
circular 10° – 25° – 40° ; elliptical 10° x 45°
2700K - 3000K - 4000K
> 90
2 Step MacAdam
L80 B10 50.000 h

Inground **drive-over** luminaire, suitable for **outdoor** use and underwater up to 10m (IP66/IP68), with operating temperature range: -20°C / +50°C. To offer the maximum application versatility the body can be made of aluminium or steel; the upper square frame in aluminium, steel or brass. The light source consists of a single chip **3W** power LED supplied at 24V constant voltage. The luminous flux up to 153 lm (3000K) makes it ideal for marking out **walkways** and driveways or for illuminate architectural details, thanks to different beam angles: circular 10°, 25° and 40° and an elliptical 10°x 45°. The source is recessed for greater visual comfort. Different **colour temperatures** are available: 2700K, 3000K, 4000K with CRI > 90. Oceano 3.3 is equipped with the **IdroSkud®** system for the protection of electronic components against voltage spikes, polarity reversal and water infiltration. There are optionals for anti-glare (honeycomb and louvre) and installation accessories are provided (drive-over outer case).

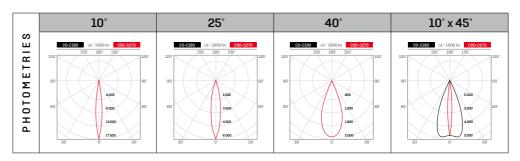
The power cable length is 0.4m; on request: 1.5m, 5m, 10m, 15m.

body materials	– anticorodal 6082 anodized 20µ aluminium – 316L stainless steel
frame materials	– anticorodal 6082 anodized 20µ aluminium – 316L stainless steel
screen	tempered extra-clear glass - 8 mm
installation	with outer case
power cable	H05RN - F 2X0.75 mm ²
electrical connection	parallel
weight	311 g (aluminium) 757 g (steel)
protection system	ldroSkud® System _ polarity reversal protection _ voltage spikes protection _ water infiltration protection
made in	ITALY



	honeycomb	louvre	cable m 0.4, 1.5, 5, 10, 15
OPTIONALS			









































PRODUCT CODE CONFIGURATION



	family	
CEA	MIZAR OCE	ANO
	model	
08	OCEANO 4	1.0
	CCT	
С	2700 K	
D	3000 K	

F 4000 K CRI

С > 90

	beam angles	
S	5°	V
М	20°	
L	60°	
Ε	15°x60° ell.	

	<u> </u>	
0	no one	
1	honeycomb	₩
2	louvre	

frame finishing

00	aluminium body aluminium frame
01	steel body steel frame
02	aluminium body brass frame
03	steel body brass frame

cable length

Α	0,4 m
С	1,5 m
Н	5 m
М	10 m
Р	15 m

variant

00	standard
----	----------

For correct code composition see instructions on page 151 of the catalogue or go to



OCEANO 4.0

Inground walk-over luminaire, suitable for



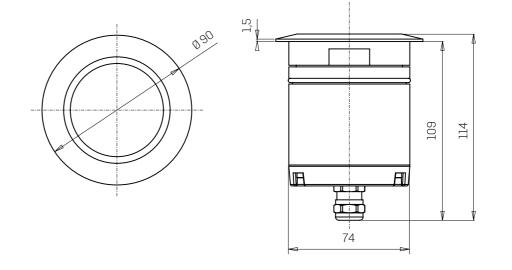
aluminium steel brass

power	7W – single chip Power Led
power supply	24V constant voltage
insulation class	III class
IP rating	IP66 / IP68 10 m
IK rating	IK 09
operating temperature	-20°C / +50°C
size	Ø 90 x 114 mm
light source flux	410 lm (3000K)
effective flux	up to 305 lm (3000K)
beam angles	circular 5° – 20° – 60° ; elliptical 15° x 60°
ССТ	2700K - 3000K - 4000K
CRI	> 90
BIN selection	2 Step MacAdam
lifetime	L80 B10 50.000 h

outdoor use and underwater up to 10m (IP66/IP68), with operating temperature range: -20°C / +50°C. To offer the maximum application versatility the body can be made of aluminium or steel; the upper round frame in aluminium, steel or brass. The light source consists of a single chip **7W** power LED supplied at 24V constant voltage. The luminous flux up to 305 lm (3000K) makes it ideal for marking out **walkways** or for illuminate architectural details, thanks to different beam angles: circular 5°, 20° and 60° and an elliptical 15°x 60° The source is recessed for greater visual comfort. Different **colour temperatures** are available: 2700K, 3000K, 4000K with CRI > 90. Oceano 4.0 is equipped with the **IdroSkud®** system for the protection of electronic components against voltage spikes, polarity reversal and water infiltration. There are optionals for anti-glare (honeycomb and louvre) and installation accessories are provided

(draining and waterproof outer case). The power cable length is 0.4m; on request: 1.5m, 5m, 10m, 15m.

body materials	– anticorodal 6082 anodized 20µ aluminium – 316L stainless steel	
frame materials	- anticorodal 6082 anodized 20 µ aluminium- 316L stainless steel- brass	
screen	tempered extra-clear glass - 8 mm	
installation	with outer case	
power cable	H05RN - F 2X0.75 mm ²	
electrical connection	parallel	
weight	640 g (aluminium) 1510 g (steel)	
protection system	IdroSkud® System _ polarity reversal protection _ voltage spikes protection _ water infiltration protection	
made in	ITALY	



	honeycomb	louvre	cable m 0.4, 1.5, 5, 10, 15
OPTIONALS			

	draining outer case	slim draining outer case	waterproof outer case
	CEAZZZ010	CEAZZZ011	CEAZZZ012
ACCESSORIES			4
	Ø79ר141×139	Ø 85 x Ø 110 x 145	Ø85ר1110×169
	power supply for recommended models see page 40 of the catalogue		

5°	20°	60°	15° x 60°
120	120	00.C180 of /1000 in 0.66-C270 150 180 150 100 150 180 150 90 100 100 100 100 100 100 100 100 100 1	00-C160 ed / 1000 lm 000-C270 120 180 130 100 180 130 100 180 130 1250 1800 1350 1250 1350 1350



































OCEANO 4.1

Inground walk-over luminaire, suitable for

outdoor use and underwater up to 10m (IP66/IP68),



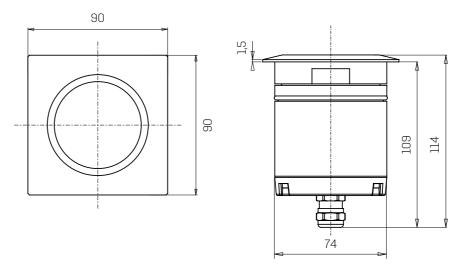
aluminium

7W – single chip Power Led
24V constant voltage
III class
IP66 / IP68 10 m
IK 09
-20°C / +50°C
90 x 90 x 114 mm
410 lm (3000K)
up to 305 lm (3000K)
circular 5° – 20° – 60° ; elliptical 15° x 60°
2700K - 3000K - 4000K
> 90
2 Step MacAdam
L80 B10 50.000 h

with operating temperature range: -20° C / $+50^{\circ}$ C. To offer the maximum application versatility the body can be made of aluminium or steel; the upper square frame in aluminium, steel or brass. The light source consists of a single chip **7W** power LED supplied at 24V constant voltage. The luminous flux up to 305 lm (3000K) makes it ideal for marking out **walkways** or for illuminate architectural details, thanks to different beam angles: circular 5°, 20° and 60° and an elliptical 15°x 60° The source is recessed for greater visual comfort. Different **colour temperatures** are available: 2700K, 3000K, 4000K with CRI > 90. Oceano 4.1 is equipped with the IdroSkud® system for the protection of electronic components against voltage spikes, polarity reversal and water infiltration. There are optionals for anti-glare (honeycomb and louvre) and installation accessories are provided

(draining and waterproof outer case). The power cable length is 0.4m; on request: 1.5m, 5m, 10m, 15m.

body materials	– anticorodal 6082 anodized 20µ aluminium – 316L stainless steel
frame materials	anticorodal 6082 anodized20µ aluminium316L stainless steelbrass
screen	tempered extra-clear glass - 8 mm
installation	with outer case
power cable	H05RN - F 2X0.75 mm ²
electrical connection	parallel
weight	645 g (aluminium) 1522 g (steel)
protection system	IdroSkud® System _ polarity reversal protection _ voltage spikes protection _ water infiltration protection
made in	ITALY



honeyco	nb louvre	cable m 0.4, 1.5, 5, 10, 15
OPTIONALS		

	draining outer case	slim draining outer case	waterproof outer case
	CEAZZZ010	CEAZZZ011	CEAZZZ012
ACCESSORIES			4
	Ø79 x Ø141 x 139	Ø 85 x Ø 110 x 145	Ø85ר1110×169
	for recomm	power supply mended models see page 40 of th	e cataloque

5°	20°	60°	15° x 60°
50 C100 in C00 C270 150 180 150 100 17000 100 17000 100 17000 100 17000 100 17000 100 17000 100 17000 100 17000 100 17000 100 17000 100 17000 100 17000 100 17000 100 17000 100 17000 100 17000 100 17000	00-C180 cd / 1000 in C00-C270 1507 180 150 120	150 180 150 150 150 150 150 150 150 150 150 15	00.0180 od /1000 im 00.0270 150 180 350 120 90 665 665 665 665 665 665 665 665 665 66



















OCEANO 4.1

PRODUCT CODE CONFIGURATION



	family		
CEA	MIZAR OCEANO		
	model		
09	OCEANO 4	4.1	
	CCT		
С	2700 K		
D	3000 K		
F	4000 K		

С	> 90	
	beam angles	
S	5°	

5°	
J	
20°	
60°	
15°x60° ell.	
	20° 60°

	optionals	
0	no one	
1	honeycomb	8
2	louvre	

frame finishing

00	aluminium body aluminium frame
01	steel body steel frame
02	aluminium body brass frame
03	steel body brass frame

cable length		
Α	0,4 m	
С	1,5 m	
Н	5 m	
М	10 m	
P	15 m	

variant

standard

r correct code composition
o inetructione on page 151

























	family	
CEA	MIZAR OCE	ANO
	model	
10	OCEANO	4.2
	CCT	
C	2700 K	

3000 K 4000 K CRI

С > 90

beam angles S 20° 60°

E 15°x60° ell.

บุนเบเลเร		
0	no one	
1	honeycomb	₩
2	louvre	

frame finishing

cable length			
01		steel body steel frame	
	00	aluminium body aluminium frame	

Α	0,4 m
С	1,5 m
Н	5 m
М	10 m
Р	15 m

variant			
00	standard		

For correct code composition see instructions on page 151 of the catalogue or go to



OCEANO 4.2



aluminium

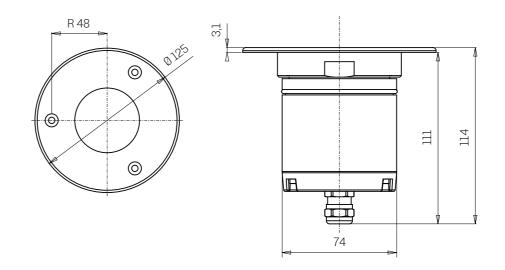
power	7W – single chip Power Led		
power supply	24V constant voltage		
insulation class	III class		
IP rating	IP66 / IP68 10 m		
IK rating	IK 09		
operating temperature	-20°C / +50°C		
size	Ø 125 x 114 mm		
light source flux	410 lm (3000K)		
effective flux	up to 305 lm (3000K)		
beam angles	circular 5° – 20° – 60° ; elliptical 15° x 60°		
ССТ	2700K - 3000K - 4000K		
CRI	> 90		
BIN selection	2 Step MacAdam		
lifetime	L80 B10 50.000 h		

Inground **drive-over** luminaire, suitable for outdoor use and underwater up to 10m (IP66/IP68), with operating temperature range: -20°C / +50°C. To offer the maximum application versatility the body can be made of aluminium or steel; the upper round frame in aluminium, steel or brass. The light source consists of a single chip **7W** power LED supplied at 24V constant voltage. The luminous flux up to 305 lm (3000K) makes it ideal for marking out **walkways** and driveways or for illuminate architectural details, thanks to different beam angles: circular 5°, 20° and 60° and an elliptical 15°x 60°. The source is recessed for greater visual comfort. Different **colour temperatures** are available: 2700K, 3000K, 4000K with CRI > 90.

Oceano 4.2 is equipped with the **IdroSkud®** system for the protection of electronic components against voltage spikes, polarity reversal and water infiltration.

There are optionals for anti-glare (honeycomb and louvre) and installation accessories are provided (drive-over outer case). The power cable length is 0.4m; on request: 1.5m, 5m, 10m, 15m.

body materials	- anticorodal 6082 anodized 20 µ aluminium - 316L stainless steel	
frame materials	– anticorodal 6082 anodized 20µ aluminium – 316L stainless steel	
screen tempered extra-clear glass - 8		
installation	with outer case	
power cable	H05RN - F 2X0.75 mm ²	
electrical connection	parallel	
weight	720 g (aluminium) 1774 g (steel)	
protection system	IdroSkud® System _ polarity reversal protection _ voltage spikes protection _ water infiltration protection	
made in	ITALY	



honeyco	nb louvre	cable m 0.4, 1.5, 5, 10, 15
OPTIONALS		



5°	20°	60°	15° x 60°
120	150 180 150 180 150 120 120 120 120 120 120 120 120 120 12	150 180 150 150 150 150 150 150 150 150 150 15	00-C180 cd /1000 lm C00-C270 150 180 130 100 100 100 100 100 100 100 100 100







































	family	
CEA	MIZAR OCEANO	
model		
11	OCEANO 4.3	

CCT 2700 K 3000 K 4000 K

CRI

С > 90 beam angles

bearin arigies		
S	5°	V
М	20°	
L	60°	
E	15°x60° ell.	

optionals		
	no one	

0	no one	
1	honeycomb	₩
2	louvre	

frame finishing

cable length			
01	steel body steel frame		
00	aluminium frame		

Α	0,4 m
С	1,5 m
Н	5 m
М	10 m
Р	15 m

	variant	
nn	standard	

For correct code composition see instructions on page 151 of the catalogue or go to



37

OCEANO 4.3



aluminium





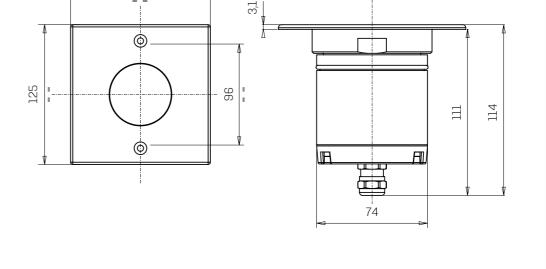
power	7W – single chip Power Led
power supply	24V constant voltage
insulation class	III class
IP rating	IP66 / IP68 10 m
IK rating	IK 09
operating temperature	-20°C / +50°C
size	125 x 125 x 114 mm
light source flux	410 lm (3000K)
effective flux	up to 305 lm (3000K)
beam angles	circular 5° – 20° – 60°; elliptical 15° x 60°
ССТ	2700K - 3000K - 4000K
CRI	> 90
BIN selection	2 Step MacAdam
lifetime	L80 B10 50.000 h

Inground **drive-over luminaire**, suitable for outdoor use and underwater up to 10m (IP66/IP68), with operating temperature range: -20°C / +50°C. To offer the maximum application versatility the body can be made of aluminium or steel; the upper square frame in aluminium, steel or brass. The light source consists of a single chip **7W** power LED supplied at 24V constant voltage. The luminous flux up to 305 lm (3000K) makes it ideal architectural details, thanks to different beam angles:

for marking out **walkways** and driveways or for illuminate circular 5°, 20° and 60° and an elliptical 15°x 60°. The source is recessed for greater visual comfort. Different **colour temperatures** are available: 2700K, 3000K, 4000K with CRI > 90. Oceano 4.3 is equipped with the **IdroSkud®** system for the protection of electronic components against voltage spikes, polarity reversal and water infiltration.

There are optionals for anti-glare (honeycomb and louvre) and installation accessories are provided (drive-over outer case). The power cable length is 0.4m; on request: 1.5m, 5m, 10m, 15m.

body materials	– anticorodal 6082 anodized 20µ aluminium – 316L stainless steel
frame materials	– anticorodal 6082 anodized 20 µ aluminium – 316L stainless steel
screen	tempered extra-clear glass - 8 mm
installation	with outer case
power cable	H05RN - F 2X0.75 mm ²
electrical connection	parallel
weight	748 g (aluminium) 1831 g (steel)
protection system	IdroSkud [®] System _ polarity reversal protection _ voltage spikes protection _ water infiltration protection
made in	ITALY



	honeycomb	louvre	cable m 0.4, 1.5, 5, 10, 15
OPTIONALS			



5°	20°	60°	15° x 60°
CO C110	120	150 160 100 100 m 100 100 m 150 150 150 150 150 150 150 150 150 150	00-036





























70







	family
CEA	MIZAR OCEANO
	model
16	OCEANO 9.1
17	OCEANO 9.2
18	OCEANO 9.3
19	OCEANO 9.4

	002,0	
	CCT	
С	2700 K	
D	3000 K	
F	4000 K	

F	4000 K	
	CRI	
L:	> 90	

beam angles					
R	grazing				
optionals					

frame finishing

01	steel frame
01	steel body

cable length					
Α	0,4 m				
_	1				

С	1,5 m				
Н	5 m				
М	10 m				
Р	15 m				

variant 00 standard

OCEANO 9.1-9.2-9.3-9.4

Recessed surface-mounted, walk-over luminaires, suitable for **outdoor** use and **underwater** up to 10 metres, (IP66/IP68) with an operating temperature range of **-20°C / +50°C**.

To offer the maximum application versatility, the body and frame are made of stainless steel. The light source consists of a single **3W** power LED chip powered at 24V constant voltage.

The luminous flux from 27 to 107 lm (3000K) makes them ideal for marking pedestrian routes thanks to the different beam angles.

Different **colour temperatures** are available: 2700K, 3000K, 4000K with CRI > 90. Oceano 9.1, 9.2, 9.3, 9.4 are equipped with the IdroSkud® system to protect electronic components from voltage spikes, polarity reversal and water infiltration. Installation accessories (draining and waterproof outer case) are provided. Electrical cable size is 0.4m; on request: 1.5m, 5m, 10m, 15m.



	draining outer case	slim draining outer case	waterproof outer case					
	CEAZZZ006	CEAZZZ007	CEAZZZ008					
ACCESSORIES								
	Ø 49.5 x Ø 111 x 112	Ø54ר95×115	Ø 54 x Ø 95 x 139					
	power supply for recommended models see page 40 of the catalogue							

	-160 -170 180 170 160	single	double	three	four
	-150 150 150	emission	emission	emissions	emissions
PHOTOMETRIES	-130 130 130 120 120 120 120 120 120 120 120 120 12		©	9	





















OCEANO 9.1



OCEANO 9.2









OCEANO 9.4

power	3W – single chip Power Led				
power supply	24V constant voltage				
insulation class	III class				
IP rating	IP66 / IP68 10 m				
IK rating	IK 10				
operating temperature	-20°C / +50°C				
size	Ø 60 x 105 mm				
light source flux	227 lm (3000K)				
effective flux	up to 27 lm – single emission up to 54 lm – double emission up to 81 lm – three emissions up to 107 lm – four emissions				
beam angles	grazing 1-2-3-4 emissions				
CCT	2700K - 3000K - 4000K				
CRI	> 90				
RIN selection	2 Sten Mac∆dam				

lifetime	L80 B10 50.000 h				
body materials	316L stainless steel				
frame materials	316L stainless steel				
screen	optical silicone				
installation	with outer case				
power cable	H05RN - F 2X0.75 mm ²				
electrical connection	parallel				
weight	673g – single emission 650g – double emission 625g – three emissions 607g – four emissions				
protection system	IdroSkud® System _ polarity reversal protection _ voltage spikes protection _ water infiltration protection				
made in	ITALY				

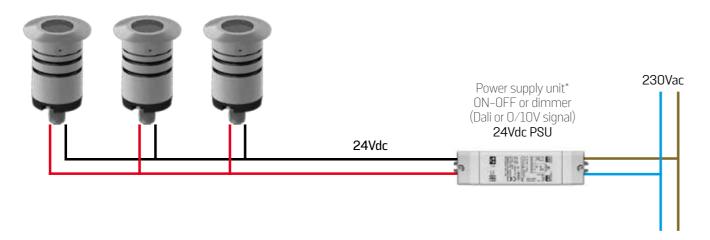


OCEANO

PARALLEL ELECTRICAL CONNECTION

ON-OFF OR DIMMER SYSTEM (DALI OR O-10V SIGNAL)

All lights are signed for parallel connection with ON-OFF or dimmer power supply units



* The power supply unit must have sufficient power to supply the number of lights in the circuit plus a tolerance of 30% to handle the inrush current

	code	OUT tension	output max	W max	IP	supported spotlight model	number of spotlights					
PLY	MID0019	24V 600				OCEANO 1.0 - 1.1	9	•				
			000m A de	14,4 W	IP67	OCEANO 2.0 - 2.1	5					
			600mA dc			OCEANO 3.0 - 3.1 - 3.2 - 3.3 - 9	3	(0)				
SUP						OCEANO 4.0 - 4.1 - 4.2 - 4.3	1	~				
VER	MID0020 24V 1500r	241/ 1500			ID07	OCEANO 1.0 - 1.1	23					
P 0 W			1500aa A da	04.W/		OCEANO 2.0 - 2.1	11					
SUGGESTED		1500MA dC 24	24 W	IP67	OCEANO 3.0 - 3.1 - 3.2 - 3.3 - 9	10						
					OCEANO 4.0 - 4.1 - 4.2 - 4.3	3						
	MID0021 DALI 24V 1000		J- 24 W ID	W IP67	OCEANO 1.0 - 1.1	15	E					
		0021 DALI 24V 1000mA dc 24 W			OCEANO 2.0 - 2.1	9						
			IPO/	OCEANO 3.0 - 3.1 - 3.2 - 3.3 - 9	6							
												OCEANO 4.0 - 4.1 - 4.2 - 4.3

