

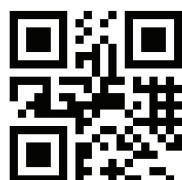
**FLEXI**

**AUGDABRA**<sup>®</sup>  
PROFESSIONAL EXTERIOR LIGHTING

**Concept & Graphic Project:**  
Studio Asia S.r.l. (Milano) di Baratelli Arch. Carla  
info@studioasia.it

**THANKS TO:**  
Marco Della Cagnoletta

**ALDABRA**<sup>®</sup>  
PROFESSIONAL EXTERIOR LIGHTING



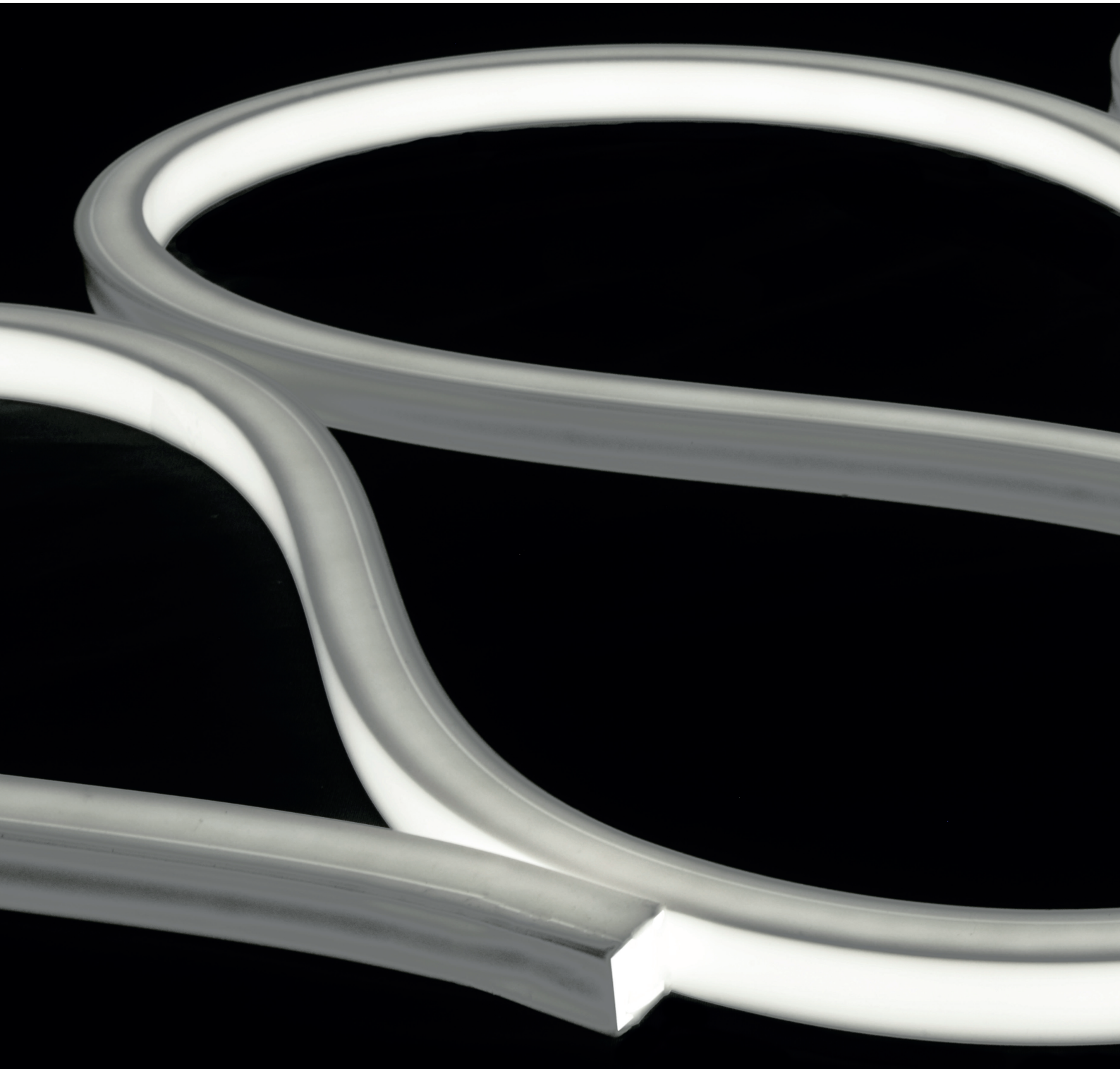
OPUSCOLO / *BROCHURE*

**FLEXI**

[www.aldabra.it](http://www.aldabra.it)  
[www.aldabrausa.com](http://www.aldabrausa.com)



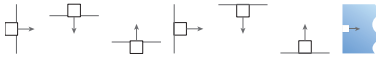
# FLEXI TOP



## Sistema di illuminazione professionale flessibile top adatto ad ambienti interni, esterni ed in sommersione

<b>Applicazioni</b>	facciate, colonne, superfici curve
<b>Ambientazioni</b>	hotel, centri commerciali, edifici storici, arredo urbano, abitazioni private
<b>Installazioni</b>	da incasso o da superficie a pavimento, parete o soffitto
<b>Materiali</b>	resine a nanopolimeri
<b>Finiture</b>	bianco opaco
<b>Sorgenti</b>	Mid Power LED monocromatici 80 - 100 lm/W - Signal LED RGB, RGBW, RGB MOVE, DWS
<b>Diffusore</b>	trasparente o diffondente opale
<b>Funzionamento</b>	accensione on-off o dimmerabile
<b>Caratteristiche</b>	raggio di curvatura fino a 70 mm - corpo completamente realizzato in nanopolimeri flessibili - resistente agli UV - tagliabile a misura in cantiere
<b>Alimentazione</b>	tensione costante 24 Vdc - tensione costante 12 Vdc (solo RGB MOVE)

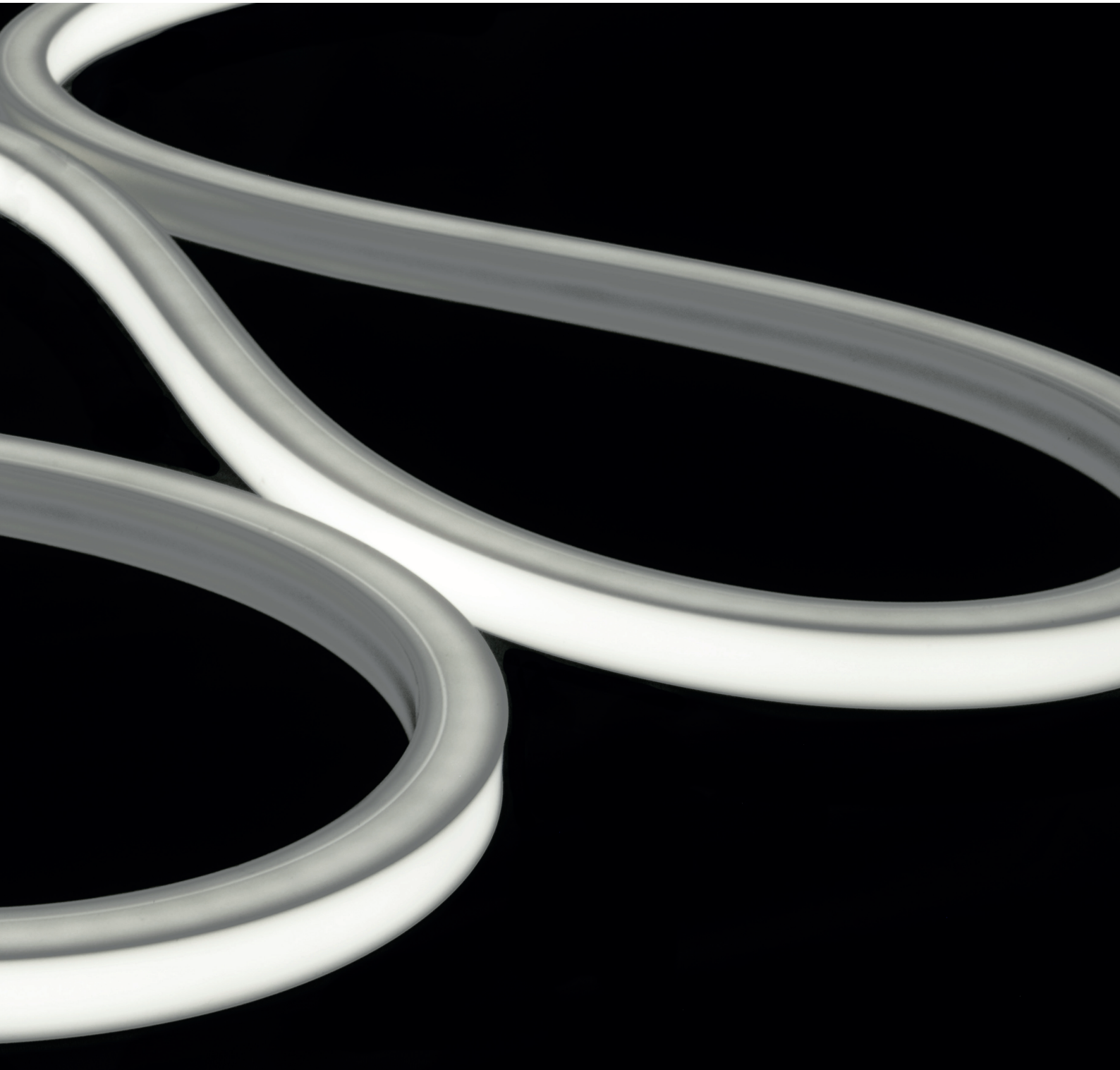
## Installazione / installation



## Caratteristiche / features

IP66 IP68 IK08 750°C

## Colori LED / LED colours



### Professional top bendable lighting fixture for indoor, outdoor and underwater installation

<b>Applications</b>	<i>facades, columns, curved surfaces</i>
<b>Settings</b>	<i>hotels, shopping centers, historical buildings, street furniture, private houses</i>
<b>Installations</b>	<i>floor, wall or ceiling recessed or surface mounted</i>
<b>Materials</b>	<i>nano-polymer resins</i>
<b>Finishes</b>	<i>matt white</i>
<b>Light source</b>	<i>monochromatic Mid Power LED 80 - 100 lm/W - Signal LED RGB, RGBW, RGB MOVE, DWS</i>
<b>Diffuser</b>	<i>transparent or opal diffuser</i>
<b>Functions</b>	<i>on-off, dimmable</i>
<b>Features</b>	<i>flexible radius up to 70 mm (2,76") - body completely realized in flexible nano-polymer - UV resistant - can be cut to size on site</i>
<b>Power supply</b>	<i>24 Vdc constant voltage - 12 Vdc constant voltage (RGB MOVE only)</i>



Made in Italy










Ra >80



98 lm/W





FLEXI P TOP MID POWER LED 24 Vdc MONOCROMATICO / MONOCHROMATIC

example FLX.05.T30W1.1

passo pitch [mm + in]	lunghezza length [mm + in]	potenza power [W]	codice code	+ ottiche optics	+ colori LED LED colours	+ finiture finishes	+ revisione release
8,3 mm 0,326"	510 (20,08")	8	<b>FLX.01</b>	.T  diffusore trasparente transparent diffuser	27  warm white 2700 K	W1  bianco opaco matt white	.1
	1010 (39,76")	15	<b>FLX.02</b>				
	2010 (79,13")	30	<b>FLX.03</b>	.D  diffusore opale opal diffuser	30  warm white 3000 K		
	3010 (118,5")	45	<b>FLX.04</b>		35  neutral white 3500 K		
	4010 (157,87")	60	<b>FLX.05</b>		45  cool white 4500 K		
	5010 (197,24")	75	<b>FLX.06</b>				

FLEXI P TOP SIGNAL LED 24 Vdc DWS

example FLX.02.D98W1.0

passo pitch [mm + in]	lunghezza length [mm + in]	potenza power [W]	codice code	+ ottiche optics	+ colori LED LED colours	+ finiture finishes	+ revisione release
7,14 mm 0,28"	510 (20,08")	7	<b>FLX.01</b>	.T  diffusore trasparente transparent diffuser	98  DWS 3000 K ÷ 8000 K	W1  bianco opaco matt white	.0
	1010 (39,76")	15	<b>FLX.02</b>				
	2010 (79,13")	30	<b>FLX.03</b>	.D  diffusore opale opal diffuser			
	3010 (118,5")	45	<b>FLX.04</b>				
	4010 (157,87")	60	<b>FLX.05</b>				
	5010 (197,24")	75	<b>FLX.06</b>				

Note / notes

Alimentazione a tensione costante 24 Vdc dimmerabile, collegamento in parallelo / 24 Vdc constant voltage supply dimmable, parallel connection

\* Solo versioni monocromatiche / only monochromatic versions

Schemi di collegamento / connection diagrams







Per scaricare gli schemi di collegamento scansionare il QR Code e scorrere fino alla sezione download  
To download the connection diagrams, scan the QR Code and scroll to the download section

MONOCHROMATIC:  
DWS:

C1/I1  
S1





## FLEXI P TOP SIGNAL LED 24 Vdc RGB

example *FLX.01.T90W1.0*

passo pitch [mm + in]	lunghezza length [mm + in]	potenza power [W]	codice code	+ ottiche optics	+ colori LED LED colours	+ finiture finishes	+ revisione release
8,3 mm 0,326"	510 (20,08")	9	<b>FLX.01</b>	.T 	90  RGB	W1  bianco opaco matt white	.0
	1010 (39,76")	18	<b>FLX.02</b>				
	2010 (79,13")	36	<b>FLX.03</b>	.D 			
	3010 (118,5")	54	<b>FLX.04</b>				
	4010 (157,87")	72	<b>FLX.05</b>				
	5010 (197,24")	90	<b>FLX.06</b>				





## FLEXI P TOP SIGNAL LED 24 Vdc RGBW

example *FLX.03.D91W1.0*

passo pitch [mm + in]	lunghezza length [mm + in]	potenza power [W]	codice code	+ ottiche optics	+ colori LED LED colours	+ finiture finishes	+ revisione release
16,7 mm 0,65"	510 (20,08")	10	<b>FLX.01</b>	.T 	91  RGBW W = 3200 K	W1  bianco opaco matt white	.0
	1010 (39,76")	19	<b>FLX.02</b>				
	2010 (79,13")	38	<b>FLX.03</b>	.D 			
	3010 (118,5")	57	<b>FLX.04</b>				
	4010 (157,87")	76	<b>FLX.05</b>				
	5010 (197,24")	95	<b>FLX.06</b>				

## FLEXI P TOP SIGNAL LED 12 Vdc RGB MOVE

example *FLX.05.T92W1.0*

passo pitch [mm + in]	lunghezza length [mm + in]	potenza power [W]	codice code	+ ottiche optics	+ colori LED LED colours	+ finiture finishes	+ revisione release
16,7 mm 0,65"	510 (20,08")	7,2	<b>FLX.01</b>	.T 	92  RGB MOVE	W1  bianco opaco matt white	.0
	1010 (39,76")	14,4	<b>FLX.02</b>				
	2010 (79,13")	28,8	<b>FLX.03</b>	.D 			
	3010 (118,5")	43,2	<b>FLX.04</b>				
	4010 (157,87")	57,6	<b>FLX.05</b>				
	5010 (197,24")	72	<b>FLX.06</b>				

## Note / notes

Alimentazione a tensione costante 24 Vdc dimmerabile, collegamento in parallelo / 24 Vdc constant voltage supply dimmable, parallel connection

RGB MOVE: Alimentazione a tensione costante 12 Vdc dimmerabile, collegamento in parallelo / 12 Vdc constant voltage supply dimmable, parallel connection

## Schemi di collegamento / connection diagrams

Per scaricare gli schemi di collegamento scansionare il QR Code e scorrere fino alla sezione download  
To download the connection diagrams, scan the QR Code and scroll to the download sectionRGB: R1  
RGBW: T1  
RGB MOVE: U1










Made in Italy

Ra  
>80-30°C  
50°C3-STEP  
MACADAM \*80 - 100  
lm/W \*





## FLEXI 16x16 TOP MID POWER LED 24 Vdc MONOCROMATICO / MONOCHROMATIC

example FLX.13.D35W1.0

passo pitch [mm + in]	lunghezza length [mm + in]	potenza power [W]	codice code	+ ottiche optics	+ colori LED LED colours	+ finiture finishes	+ revisione release
8,3 mm 0,326"	510 (20,08")	8	<b>FLX.13</b>	.T  diffusore trasparente transparent diffuser	27  warm white 2700 K	W1  bianco opaco matt white	.0
	1010 (39,76")	15	<b>FLX.14</b>				
	1510 (59,45)	23	<b>FLX.15</b>	.D  diffusore opale opal diffuser	30  warm white 3000 K		
	2010 (79,13")	30	<b>FLX.16</b>		35  neutral white 3500 K		
	2510 (98,82")	38	<b>FLX.17</b>		45  cool white 4500 K		
	3010 (118,5")	45	<b>FLX.18</b>				
	3510 (138,19")	53	<b>FLX.19</b>				
	4010 (157,87")	60	<b>FLX.20</b>				
	4510 (177,56")	68	<b>FLX.21</b>				
	5010 (197,24")	75	<b>FLX.22</b>				

## FLEXI 16x16 TOP SIGNAL LED 24 Vdc DWS

example FLX.22.T98W1.0

passo pitch [mm + in]	lunghezza length [mm + in]	potenza power [W]	codice code	+ ottiche optics	+ colori LED LED colours	+ finiture finishes	+ revisione release
7,14 mm 0,28"	510 (20,08")	8	<b>FLX.13</b>	.T  diffusore trasparente transparent diffuser	98  DWS 3000 K ÷ 8000 K	W1  bianco opaco matt white	.0
	1010 (39,76")	15	<b>FLX.14</b>				
	1510 (59,45)	23	<b>FLX.15</b>	.D  diffusore opale opal diffuser			
	2010 (79,13")	30	<b>FLX.16</b>				
	2510 (98,82")	38	<b>FLX.17</b>				
	3010 (118,5")	45	<b>FLX.18</b>				
	3510 (138,19")	53	<b>FLX.19</b>				
	4010 (157,87")	60	<b>FLX.20</b>				
	4510 (177,56")	68	<b>FLX.21</b>				
	5010 (197,24")	75	<b>FLX.22</b>				

## Note / notes

Alimentazione a tensione costante 24 Vdc dimmerabile, collegamento in parallelo / 24 Vdc constant voltage supply dimmable, parallel connection

\* Solo versioni monocromatiche / only monochromatic versions





## Schemi di collegamento / connection diagrams

Per scaricare gli schemi di collegamento scansionare il QR Code e scorrere fino alla sezione download  
To download the connection diagrams, scan the QR Code and scroll to the download sectionMONOCHROMATIC:  
DWS:C1/I1  
S1







## FLEXI 16x16 TOP SIGNAL LED 24 Vdc RGB

example FLX.18.T90W1.0

passo pitch [mm + in]	lunghezza length [mm + in]	potenza power [W]	codice code	+ ottiche optics	+ colori LED LED colours	+ finiture finishes	+ revisione release
8,3 mm 0,326"	510 (20,08")	9	<b>FLX.13</b>	.T  diffusore trasparente transparent diffuser	90  RGB	W1  bianco opaco matt white	.0
	1010 (39,76")	18	<b>FLX.14</b>				
	1510 (59,45)	27	<b>FLX.15</b>				
	2010 (79,13")	36	<b>FLX.16</b>	.D  diffusore opale opal diffuser			
	2510 (98,82")	45	<b>FLX.17</b>				
	3010 (118,5")	54	<b>FLX.18</b>				
	3510 (138,19")	63	<b>FLX.19</b>				
	4010 (157,87")	72	<b>FLX.20</b>				
	4510 (177,56")	81	<b>FLX.21</b>				
	5010 (197,24")	90	<b>FLX.22</b>				





## FLEXI 16x16 TOP SIGNAL LED 24 Vdc RGBW

example FLX.20.D91W1.0

passo pitch [mm + in]	lunghezza length [mm + in]	potenza power [W]	codice code	+ ottiche optics	+ colori LED LED colours	+ finiture finishes	+ revisione release
16,7 mm 0,65"	510 (20,08")	10	<b>FLX.13</b>	.T  diffusore trasparente transparent diffuser	91  RGBW W = 3200 K	W1  bianco opaco matt white	.0
	1010 (39,76")	19	<b>FLX.14</b>				
	1510 (59,45)	29	<b>FLX.15</b>				
	2010 (79,13")	38	<b>FLX.16</b>	.D  diffusore opale opal diffuser			
	2510 (98,82")	48	<b>FLX.17</b>				
	3010 (118,5")	57	<b>FLX.18</b>				
	3510 (138,19")	67	<b>FLX.19</b>				
	4010 (157,87")	76	<b>FLX.20</b>				
	4510 (177,56")	86	<b>FLX.21</b>				
	5010 (197,24")	95	<b>FLX.22</b>				

## FLEXI 16x16 TOP SIGNAL LED 12 Vdc RGB MOVE

example FLX.15.T92W1.0

passo pitch [mm + in]	lunghezza length [mm + in]	potenza power [W]	codice code	+ ottiche optics	+ colori LED LED colours	+ finiture finishes	+ revisione release
16,7 mm 0,65"	510 (20,08")	7,2	<b>FLX.13</b>	.T  diffusore trasparente transparent diffuser	92  RGB MOVE	W1  bianco opaco matt white	.0
	1010 (39,76")	14,4	<b>FLX.14</b>				
	1510 (59,45)	21,6	<b>FLX.15</b>				
	2010 (79,13")	28,8	<b>FLX.16</b>	.D  diffusore opale opal diffuser			
	2510 (98,82")	36	<b>FLX.17</b>				
	3010 (118,5")	43,2	<b>FLX.18</b>				
	3510 (138,19")	50,4	<b>FLX.19</b>				
	4010 (157,87")	57,6	<b>FLX.20</b>				
	4510 (177,56")	64,8	<b>FLX.21</b>				
	5010 (197,24")	72	<b>FLX.22</b>				

## Note / notes

Alimentazione a tensione costante 24 Vdc dimmerabile, collegamento in parallelo / 24 Vdc constant voltage supply dimmable, parallel connection

RGB MOVE: Alimentazione a tensione costante 12 Vdc dimmerabile, collegamento in parallelo / 12 Vdc constant voltage supply dimmable, parallel connection

## Schemi di collegamento / connection diagrams

Per scaricare gli schemi di collegamento scansionare il QR Code e scorrere fino alla sezione download  
To download the connection diagrams, scan the QR Code and scroll to the download sectionRGB: R1  
RGBW: T1  
RGB MOVE: U1










Made in Italy

Ra  
>80-30°C  
50°C3-STEP  
MACADAM \*80 - 100  
lm/W \*





## FLEXI 11x11 TOP MID POWER LED 24 Vdc MONOCROMATICO / MONOCHROMATIC

example FLX.23.D35W1.0

passo pitch [mm + in]	lunghezza length [mm + in]	potenza power [W]	codice code	+ ottiche optics	+ colori LED LED colours	+ finiture finishes	+ revisione release
4,16 mm 0,164"	510 (20,08")	5	<b>FLX.23</b>	.T  diffusore trasparente transparent diffuser	27  warm white 2700 K	W1  bianco opaco matt white	.0
	1010 (39,76")	10	<b>FLX.24</b>				
	1510 (59,45)	15	<b>FLX.25</b>	.D  diffusore opale opal diffuser	30  warm white 3000 K		
	2010 (79,13")	20	<b>FLX.26</b>				
	2510 (98,82")	25	<b>FLX.27</b>		35  neutral white 3500 K		
	3010 (118,5")	30	<b>FLX.28</b>				
	3510 (138,19")	35	<b>FLX.29</b>		45  cool white 4500 K		
	4010 (157,87")	40	<b>FLX.30</b>				
	4510 (177,56")	45	<b>FLX.31</b>				
	5010 (197,24")	50	<b>FLX.32</b>				

## FLEXI 11x11 TOP SIGNAL LED 24 Vdc DWS

example FLX.32.T98W1.0

passo pitch [mm + in]	lunghezza length [mm + in]	potenza power [W]	codice code	+ ottiche optics	+ colori LED LED colours	+ finiture finishes	+ revisione release
8,3 mm 0,326"	510 (20,08")	5	<b>FLX.23</b>	.T  diffusore trasparente transparent diffuser	98  DWS 3000 K ÷ 8000 K	W1  bianco opaco matt white	.0
	1010 (39,76")	10	<b>FLX.24</b>				
	1510 (59,45)	15	<b>FLX.25</b>	.D  diffusore opale opal diffuser			
	2010 (79,13")	20	<b>FLX.26</b>				
	2510 (98,82")	25	<b>FLX.27</b>				
	3010 (118,5")	30	<b>FLX.28</b>				
	3510 (138,19")	35	<b>FLX.29</b>				
	4010 (157,87")	40	<b>FLX.30</b>				
	4510 (177,56")	45	<b>FLX.31</b>				
	5010 (197,24")	50	<b>FLX.32</b>				

## Note / notes

Alimentazione a tensione costante 24 Vdc dimmerabile, collegamento in parallelo / 24 Vdc constant voltage supply dimmable, parallel connection





\* Solo versioni monocromatiche / only monochromatic versions

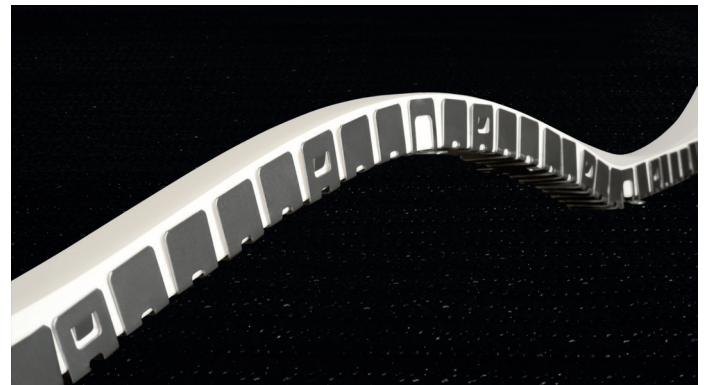
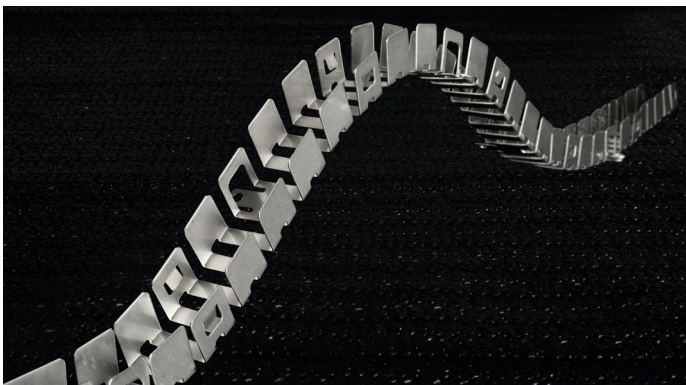
## Schemi di collegamento / connection diagrams

Per scaricare gli schemi di collegamento scansionare il QR Code e scorrere fino alla sezione download  
To download the connection diagrams, scan the QR Code and scroll to the download sectionMONOCHROMATIC:  
DWS:C1/I1  
S1

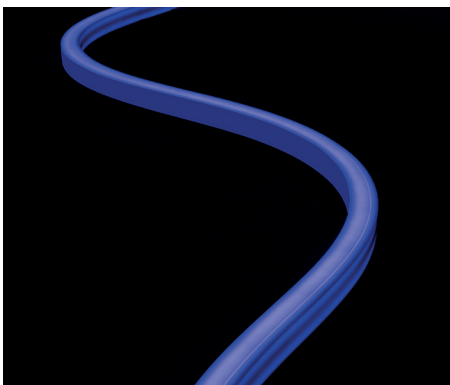
FLEXI 11x11 TOP SIGNAL LED 24 Vdc RGB

example FLX.28.T90W1.0

passo pitch [mm + in]	lunghezza length [mm + in]	potenza power [W]	codice code	+ ottiche optics	+ colori LED LED colours	+ finiture finishes	+ revisione release
8,3 mm 0,326"	510 (20,08")	5	<b>FLX.23</b>	.T  diffusore trasparente transparent diffuser	90  RGB	W1  bianco opaco matt white	.0
	1010 (39,76")	10	<b>FLX.24</b>				
	1510 (59,45)	15	<b>FLX.25</b>				
	2010 (79,13")	20	<b>FLX.26</b>	.D  diffusore opale opal diffuser			
	2510 (98,82")	25	<b>FLX.27</b>				
	3010 (118,5")	30	<b>FLX.28</b>				
	3510 (138,19")	35	<b>FLX.29</b>				
	4010 (157,87")	40	<b>FLX.30</b>				
	4510 (177,56")	45	<b>FLX.31</b>				
	5010 (197,24")	50	<b>FLX.32</b>				



Installazione in cassaforma  
Recessing box installation



Cambiacolore RGB  
RGB colour changing

Note / notes

Alimentazione a tensione costante 24 Vdc dimmerabile, collegamento in parallelo / 24 Vdc constant voltage supply dimmable, parallel connection

Schemi di collegamento / connection diagrams



Per scaricare gli schemi di collegamento scansionare il QR Code e scorrere fino alla sezione download  
To download the connection diagrams, scan the QR Code and scroll to the download section

RGB:

R1






Made in Italy

Ra  
>80-30°C  
50°C3-STEP  
MACADAM \*80 - 100  
lm/W \*




## FLEXI 14x7 TOP MID POWER LED 24 Vdc MONOCROMATICO / MONOCHROMATIC

example FLX.33.T45W1.0

passo pitch [mm + in]	lunghezza length [mm + in]	potenza power [W]	codice code	+ ottiche optics	+ colori LED LED colours	+ finiture finishes	+ revisione release
4,16 mm 0,164"	510 (20,08")	5	<b>FLX.33</b>	.T  diffusore trasparente transparent diffuser	27  warm white 2700 K	W1  bianco opaco matt white	.0
	1010 (39,76")	10	<b>FLX.34</b>				
	1510 (59,45)	15	<b>FLX.35</b>				
	2010 (79,13")	20	<b>FLX.36</b>				
	2510 (98,82")	25	<b>FLX.37</b>				
	3010 (118,5")	30	<b>FLX.38</b>				
	3510 (138,19")	35	<b>FLX.39</b>				
	4010 (157,87")	40	<b>FLX.40</b>				
	4510 (177,56")	45	<b>FLX.41</b>				
	5010 (197,24")	50	<b>FLX.42</b>				

## FLEXI 14x7 TOP SIGNAL LED 24 Vdc DWS

example FLX.42.T98W1.0

passo pitch [mm + in]	lunghezza length [mm + in]	potenza power [W]	codice code	+ ottiche optics	+ colori LED LED colours	+ finiture finishes	+ revisione release
7,14 mm 0,28"	510 (20,08")	8	<b>FLX.33</b>	.T  diffusore trasparente transparent diffuser	98  DWS 3000 K ÷ 8000 K	W1  bianco opaco matt white	.0
	1010 (39,76")	15	<b>FLX.34</b>				
	1510 (59,45)	23	<b>FLX.35</b>				
	2010 (79,13")	30	<b>FLX.36</b>				
	2510 (98,82")	38	<b>FLX.37</b>				
	3010 (118,5")	45	<b>FLX.38</b>				
	3510 (138,19")	53	<b>FLX.39</b>				
	4010 (157,87")	60	<b>FLX.40</b>				
	4510 (177,56")	68	<b>FLX.41</b>				
	5010 (197,24")	75	<b>FLX.42</b>				

## Note / notes

Alimentazione a tensione costante 24 Vdc dimmerabile, collegamento in parallelo / 24 Vdc constant voltage supply dimmable, parallel connection




\* Solo versioni monocromatiche / only monochromatic versions

## Schemi di collegamento / connection diagrams

Per scaricare gli schemi di collegamento scansionare il QR Code e scorrere fino alla sezione download  
To download the connection diagrams, scan the QR Code and scroll to the download sectionMONOCHROMATIC:  
DWS:C1/I1  
S1




## FLEXI 14x7 TOP SIGNAL LED 24 Vdc RGB

example *FLX.38.T90W1.0*

passo <i>pitch</i> [mm + in]	lunghezza <i>length</i> [mm + in]	potenza <i>power</i> [W]	codice <i>code</i>	+ ottiche <i>optics</i>	+ colori LED <i>LED colours</i>	+ finiture <i>finishes</i>	+ revisione <i>release</i>
8,3 mm 0,326"	510 (20,08")	9	<b>FLX.33</b>	<b>.T</b>  diffusore trasparente transparent diffuser	<b>90</b>  RGB	<b>W1</b>  bianco opaco matt white	<b>.0</b>
	1010 (39,76")	18	<b>FLX.34</b>				
	1510 (59,45)	27	<b>FLX.35</b>				
	2010 (79,13")	36	<b>FLX.36</b>				
	2510 (98,82")	45	<b>FLX.37</b>				
	3010 (118,5")	54	<b>FLX.38</b>				
	3510 (138,19")	63	<b>FLX.39</b>				
	4010 (157,87")	72	<b>FLX.40</b>				
	4510 (177,56")	81	<b>FLX.41</b>				
	5010 (197,24")	90	<b>FLX.42</b>				




## FLEXI 14x7 TOP SIGNAL LED 24 Vdc RGBW

example *FLX.40.T91W1.0*

passo <i>pitch</i> [mm + in]	lunghezza <i>length</i> [mm + in]	potenza <i>power</i> [W]	codice <i>code</i>	+ ottiche <i>optics</i>	+ colori LED <i>LED colours</i>	+ finiture <i>finishes</i>	+ revisione <i>release</i>
16,7 mm 0,65"	510 (20,08")	10	<b>FLX.33</b>	<b>.T</b>  diffusore trasparente transparent diffuser	<b>91</b>  RGBW W = 3200 K	<b>W1</b>  bianco opaco matt white	<b>.0</b>
	1010 (39,76")	19	<b>FLX.34</b>				
	1510 (59,45)	29	<b>FLX.35</b>				
	2010 (79,13")	38	<b>FLX.36</b>				
	2510 (98,82")	48	<b>FLX.37</b>				
	3010 (118,5")	57	<b>FLX.38</b>				
	3510 (138,19")	67	<b>FLX.39</b>				
	4010 (157,87")	76	<b>FLX.40</b>				
	4510 (177,56")	86	<b>FLX.41</b>				
	5010 (197,24")	95	<b>FLX.42</b>				

## FLEXI 14x7 TOP SIGNAL LED 12 Vdc RGB MOVE

example *FLX.37.T92W1.0*

passo <i>pitch</i> [mm + in]	lunghezza <i>length</i> [mm + in]	potenza <i>power</i> [W]	codice <i>code</i>	+ ottiche <i>optics</i>	+ colori LED <i>LED colours</i>	+ finiture <i>finishes</i>	+ revisione <i>release</i>
16,7 mm 0,65"	510 (20,08")	7,2	<b>FLX.33</b>	<b>.T</b>  diffusore trasparente transparent diffuser	<b>92</b>  RGB MOVE	<b>W1</b>  bianco opaco matt white	<b>.0</b>
	1010 (39,76")	14,4	<b>FLX.34</b>				
	1510 (59,45)	21,6	<b>FLX.35</b>				
	2010 (79,13")	28,8	<b>FLX.36</b>				
	2510 (98,82")	36	<b>FLX.37</b>				
	3010 (118,5")	43,2	<b>FLX.38</b>				
	3510 (138,19")	50,4	<b>FLX.39</b>				
	4010 (157,87")	57,6	<b>FLX.40</b>				
	4510 (177,56")	64,8	<b>FLX.41</b>				
	5010 (197,24")	72	<b>FLX.42</b>				

## Note / notes

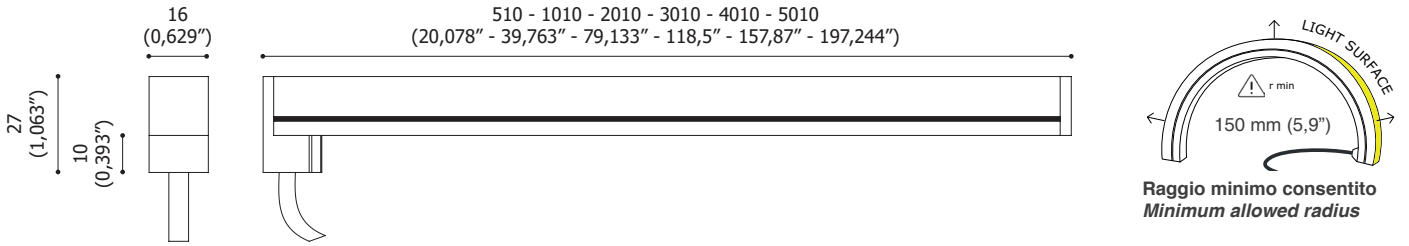
Alimentazione a tensione costante 24 Vdc dimmerabile, collegamento in parallelo / 24 Vdc constant voltage supply dimmable, parallel connection

RGB MOVE: Alimentazione a tensione costante 12 Vdc dimmerabile, collegamento in parallelo / 12 Vdc constant voltage supply dimmable, parallel connection

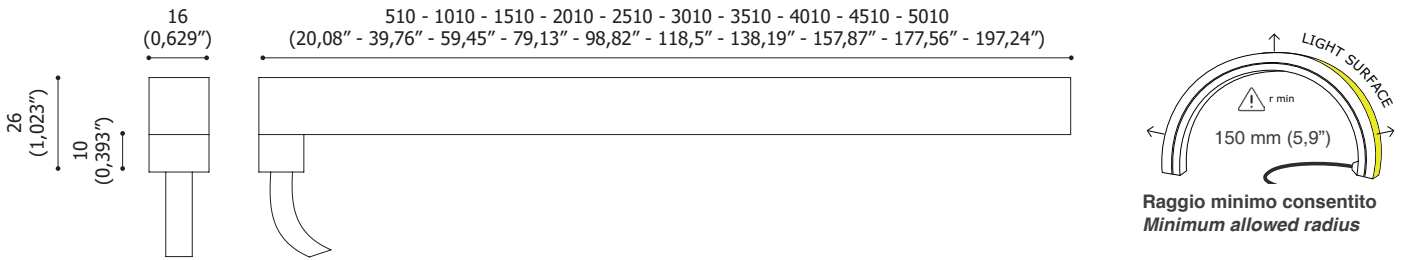
## Schemi di collegamento / connection diagrams

Per scaricare gli schemi di collegamento scansionare il QR Code e scorrere fino alla sezione download  
To download the connection diagrams, scan the QR Code and scroll to the download sectionRGB: R1  
RGBW: T1  
RGB MOVE: U1

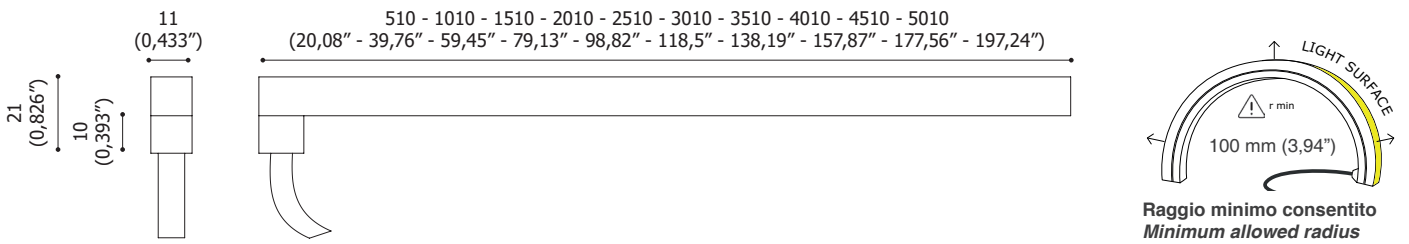
### Flexi P



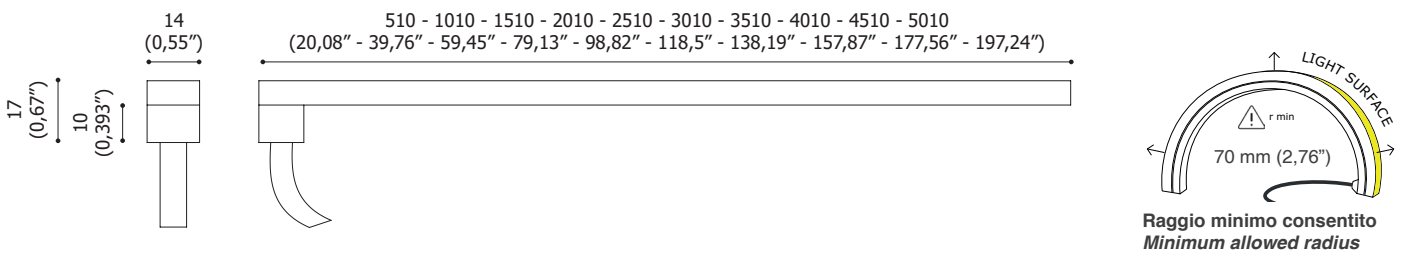
### Flexi 16x16



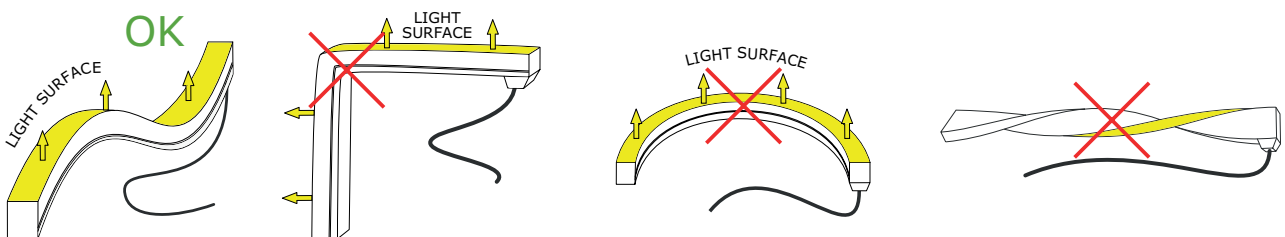
### Flexi 11x11



### Flexi 14x7



Ingresso cavo / cable entry: a richiesta disponibile con ingresso laterale o di testa / in line or lateral cable entry available upon demand



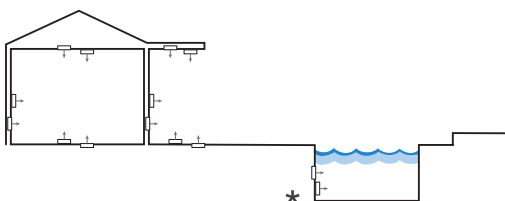
## SCHEMA TECNICA

Corpo	resine a nanopolimeri
Finitura corpo	bianco opaco
Diffusore	trasparente o diffusore opale
Cavi di alimentazione	<b>monocromatico:</b> AWM style 20233 2x 0,75mm <sup>2</sup> AWG18 (rosso-nero) ø est 5,2 mm L. 1 m <b>RGB:</b> AWM style 20233 1x 0,75 mm <sup>2</sup> AWG18 (rosso) + 3x 0,5 mm <sup>2</sup> AWG20 (rosso-nero/verde-nero/blu-nero) ø est 6,5 mm L. 1 m <b>RGBW:</b> AWM style 20233 2x 0,75 mm <sup>2</sup> AWG18 (rosso-nero) +3x 0,5 mm <sup>2</sup> AWG20 (rosso-nero/verde-nero/blu-nero) ø est 6,5 mm L. 1 m <b>DWS e RGB MOVE:</b> AWM style 20233 2x 0,75 mm <sup>2</sup> AWG18 (rosso-nero) + 1x 0,5 mm <sup>2</sup> AWG20 (viola) ø est 6 mm L. 1 m
Temperatura di colore	CRI Ra > 80 - monocromatico: 2700 K, 3000 K, 3500 K, 4500 K - DWS: 3000 K ÷ 8000 K - RGBW: W = 3200 K
Alimentazione	tensione costante 24 Vdc (±5%), connessione in parallelo - tensione costante 12 Vdc (±5%), connessione in parallelo (solo RGB MOVE)
Potenza assorbita	<b>Flexi P:</b> monocromatico 15 W/m - DWS 15 W/m - RGB 18 W/m - RGBW 19 W/m - RGB MOVE 18 W/m <b>Flexi 16x16:</b> monocromatico 15 W/m - DWS 15 W/m - RGB 18 W/m - RGBW 19 W/m - RGB MOVE 18 W/m <b>Flexi 11x11:</b> monocromatico 10 W/m - DWS 10 W/m - RGB 10 W/m <b>Flexi 14x7:</b> monocromatico 10 W/m - DWS 15 W/m - RGB 18 W/m - RGBW 19 W/m - RGB MOVE 18 W/m
Temperatura di funzionamento	-30 ÷ +50 °C
Efficienza luminosa sorgente	80 - 100 lm/W (solo Mid Power LED monocromatici)
Peso	<b>Flexi P: 300 g/m - Flexi 16x16: 300 g/m - Flexi 11x11: 142 g/m - Flexi 14x7: 115 g/m</b>
Grado di protezione	IP66/IP68, IK08
Normativa	CE prodotti in conformità alle vigenti norme IEC 60598; IEC 60598-1 UL prodotti in conformità alle vigenti norme UL 2018; IEC 60598-1; CSA C22.2 No. 250.0-08 - Certificato 20191021-E506810 (solo per Flexi P)

## TECHNICAL INFORMATION

Body	nano-polymer resins
Body finish	matt white
Diffuser	transparent or opal diffuser
Power supply cables	<b>monochromatic:</b> AWM style 20233 2x 0,75mm <sup>2</sup> AWG18 (red-black) ø est 5,2 mm (0,205") L. 1 m (3,28 ft) <b>RGB:</b> AWM style 20233 1x 0,75 mm <sup>2</sup> AWG18 (red) + 3x 0,5 mm <sup>2</sup> AWG20 (red-black/green-black/blue-black) ø est 6,5 mm (0,256") L. 1 m (3,28 ft) <b>RGBW:</b> AWM style 20233 2x 0,75 mm <sup>2</sup> AWG18 (red-black) +3x 0,5 mm <sup>2</sup> AWG20 (red-black/green-black/blue-black) ø est 6,5 mm (0,256") L. 1 m (3,28 ft) <b>DWS and RGB MOVE:</b> AWM style 20233 2x 0,75 mm <sup>2</sup> AWG18 (red-black) + 1x 0,5 mm <sup>2</sup> AWG20 (violet) ø est 6 mm (0,236") L. 1 m (3,28 ft)
Colour temperature	CRI Ra > 80 - monochromatic: 2700 K, 3000 K, 3500 K, 4500 K - DWS: 3000 K ÷ 8000 K - RGBW: W = 3200 K
Power supply	24 Vdc constant voltage (±5%), parallel connection - 12 Vdc constant voltage (±5%), parallel connection (RGB MOVE only)
Power consumption	<b>Flexi P:</b> monochromatic 15 W/m - DWS 15 W/m - RGB 18 W/m - RGBW 19 W/m - RGB MOVE 18 W/m <b>Flexi 16x16:</b> monochromatic 15 W/m - DWS 15 W/m - RGB 18 W/m - RGBW 19 W/m - RGB MOVE 18 W/m <b>Flexi 11x11:</b> monochromatic 10 W/m - DWS 10 W/m - RGB 10 W/m <b>Flexi 14x7:</b> monochromatic 10 W/m - DWS 15 W/m - RGB 18 W/m - RGBW 19 W/m - RGB MOVE 18 W/m
Working temperature	-30 ÷ +50 °C (-22°F ÷ 122°F)
LED luminous efficiency	80 - 100 lm/W (monochromatic Mid Power LED only)
Weight	<b>Flexi P: 300 g/m (10.58 oz/m) - Flexi 16x16: 300 g/m (10.58 oz/m) - Flexi 11x11: 142 g/m (5.01 oz/m) - Flexi 14x7: 115 g/m (4.06 oz/m)</b>
Protection degree	IP66/IP68, IK08
Norms	CE products comply with norms IEC 60598; IEC 60598-1 UL products comply norms UL 2018; IEC 60598-1; CSA C22.2 No. 250.0-08 - Certificate 20191021-E506810 (Flexi P only)

## Montaggio consigliato / recommended installation



\* Applicazioni in immersione solo per Flexi 16x16 e 11x11  
Underwater applications only for Flexi 16x16 and 11x11

## Caratteristiche / features



 solo per Flexi P / Flexi P only

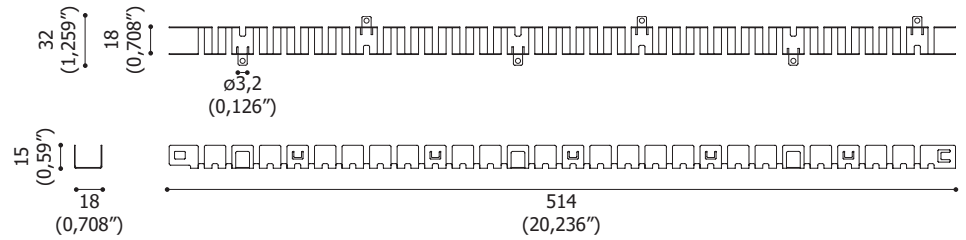
## Note / notes

la lunghezza dei prodotti in resina flessibile può variare fino a ± 0,3% a causa del processo di produzione o per le variazioni di temperatura in loco  
resin flexible product's length may vary up to ± 0.3% due to production process or for on-site temperature variations

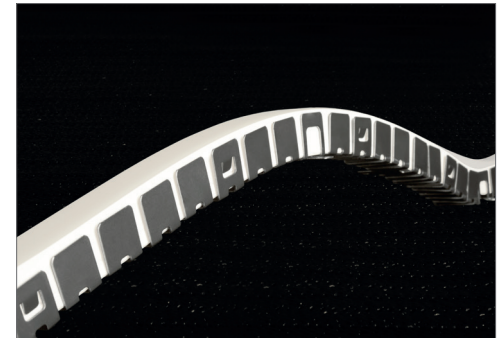
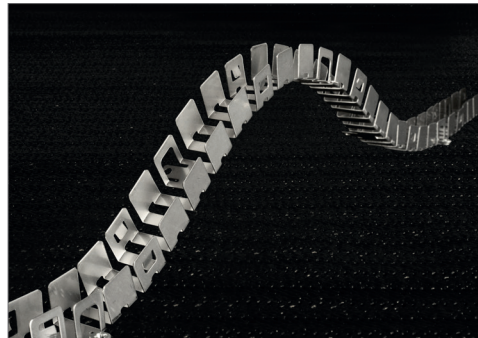
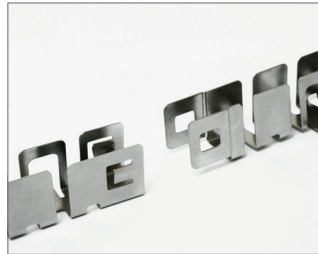
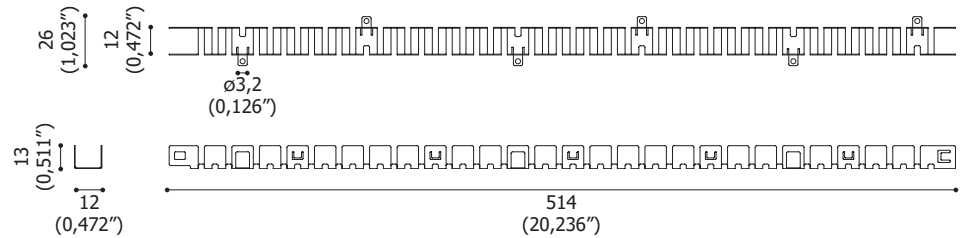
## CASSAFORME FLESSIBILI / FLEXIBLE RECESSING BOX

**CSF.0113.0 - Flexi 16x16, P**

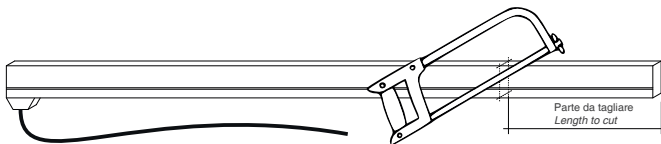
cassaforma modulare giuntabile/tagliabile in acciaio inox (confezione da 10 pezzi - 5 m)  
*modular connectable/cuttable recessing box in stainless steel (10 pieces package - 5 m - 16,4 ft)*

**CSF.0115.0 - Flexi 11x11**

cassaforma modulare giuntabile/tagliabile in acciaio inox (confezione da 10 pezzi - 5 m)  
*modular connectable/cuttable recessing box in stainless steel (10 pieces package - 5 m - 16,4 ft)*



## CORPO TAGLIABILE A MISURA / FLEXIBLE BODY CUTTABLE TO LENGTH



In caso di taglio e sigillatura dei corpi illuminanti in cantiere, Aldabra non potrà garantire il grado IP originale non potendo controllare la qualità dell'esecuzione avvenuta. Si prega di fare riferimento alle istruzioni per il taglio disponibili sul sito [www.aldabra.it](http://www.aldabra.it).  
*In case of cutting and sealing of the lighting fixtures in site, Aldabra can not guarantee the original IP grade because the quality of the execution can not be controlled. Kindly refer to the cutting instructions available on the website [www.aldabra.it](http://www.aldabra.it).*

## Passo di taglio del modulo a luce piena / full light cutting pitch:

	monochromatic	DWS	RGB	RGBW	RGB MOVE
Flexi P	50 mm (1,969")	50 mm (1,969")	50 mm (1,969")	100 mm (3,937")	16,7 mm (0,657")
Flexi 16x16	50 mm (1,969")	50 mm (1,969")	50 mm (1,969")	100 mm (3,937")	16,7 mm (0,657")
Flexi 11x11	25 mm (0,984")	50 mm (1,969")	50 mm (1,969")	-	-
Flexi 14x7	25 mm (0,984")	50 mm (1,969")	50 mm (1,969")	100 mm (3,937")	16,7 mm (0,657")

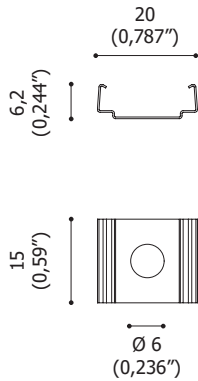


## ACCESSORI / ACCESSORIES

**ACC.0354.0**

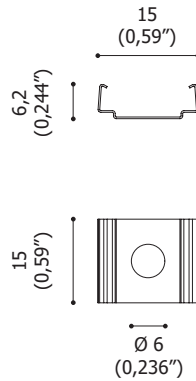
molla di fissaggio per Flexi 16x16 e P  
(confezione da 5 pezzi)

*fixing spring for Flexi 16x16 and P  
(5 peces package)*

**ACC.0355.0**

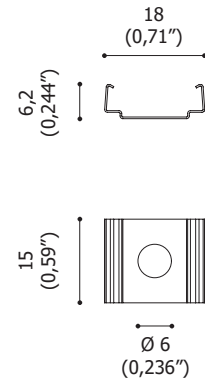
molla di fissaggio per Flexi 11x11  
(confezione da 5 pezzi)

*fixing spring for Flexi 11x11  
(5 peces package)*

**ACC.0356.0**

molla di fissaggio per Flexi 14x7  
(confezione da 5 pezzi)

*fixing spring for Flexi 14x7  
(5 peces package)*



Consigli per applicazione con molle

*Advices for springs application*

1 molla ogni 250 mm

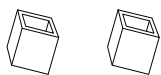
*1 spring every 250 mm (9,8")*

## ACCESSORI PER TAGLIO IN CANTIERE / ON SITE CUTTING ACCESSORIES

**ACC.0357.0**

accessorio per sigillatura per Flexi 16x16 e P  
(confezione da 5 pezzi)

*sealing kit for Flexi 16x16 and P  
(5 peces package)*

**ACC.0358.0**

accessorio per sigillatura per Flexi 11x11  
(confezione da 5 pezzi)

*sealing kit for Flexi 11x11  
(5 peces package)*

**ACC.0359.0**

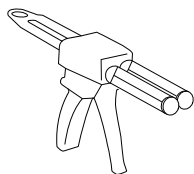
accessorio per sigillatura per Flexi 14x7  
(confezione da 5 pezzi)

*sealing kit for Flexi 14x7  
(5 peces package)*

**ACC.0360.0**

pistola per sigillatura

*sealing gun*

**ACC.0361.0**

cartuccia sigillante

*sealing cartridge*



# FLEXI SIDE

Made in Italy



## Sistema di illuminazione professionale flessibile side adatto ad ambienti interni, esterni ed in sommersione

<b>Applicazioni</b>	facciate, colonne, superfici curve
<b>Ambientazioni</b>	hotel, centri commerciali, edifici storici, arredo urbano, abitazioni private
<b>Installazioni</b>	da incasso o da superficie a pavimento, parete o soffitto
<b>Materiali</b>	resine a nanopolimeri
<b>Finiture</b>	bianco opaco
<b>Sorgente</b>	Mid Power LED monocromatici 80 - 100 lm/W - Signal LED RGB, RGBW, RGB MOVE, DWS
<b>Diffusore</b>	trasparente o diffusore opale
<b>Funzionamento</b>	accensione on-off o dimmerabile
<b>Caratteristiche</b>	raggio di curvatura fino a 100 mm - corpo completamente realizzato in nanopolimeri flessibili - resistente agli UV - tagliabile a misura in cantiere
<b>Alimentazione</b>	tensione costante 24 Vdc

## Installazione / installation



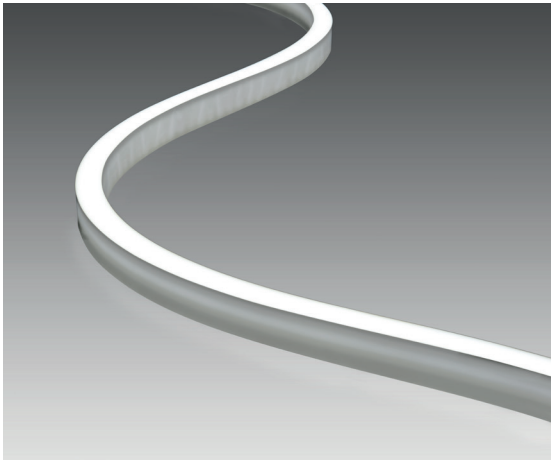
## Caratteristiche / features

IP66 IP68 IK08 750°C

## Colori LED / LED colours


**Professional side bendable lighting fixture for indoor, outdoor and underwater installation**

<b>Applications</b>	<i>facades, columns, curved surfaces</i>
<b>Settings</b>	<i>hotels, shopping centers, historical buildings, street furniture, private houses</i>
<b>Installations</b>	<i>floor, wall or ceiling recessed or surface mounted</i>
<b>Materials</b>	<i>nano-polymer resins</i>
<b>Finishes</b>	<i>matt white</i>
<b>Light source</b>	<i>monochromatic Mid Power LED 80 - 100 lm/W - Signal LED RGB, RGBW, RGB MOVE, DWS</i>
<b>Diffuser</b>	<i>transparent or opal diffuser</i>
<b>Functions</b>	<i>on-off, dimmable</i>
<b>Features</b>	<i>flexible radius up to 100 mm (3,94") - body completely realized in flexible nano-polymer - UV resistant - can be cut to size on site</i>
<b>Power supply</b>	<i>24 Vdc constant voltage</i>










Made in Italy

Ra  
>80-30°C  
50°C3-STEP  
MACADAM \*80 - 100  
lm/W \*





## FLEXI 16x16 SIDE MID POWER LED 24 Vdc MONOCROMATICO / MONOCHROMATIC

example FLX.43.T45W1.0

passo pitch [mm + in]	lunghezza length [mm + in]	potenza power [W]	codice code	+ ottiche optics	+ colori LED LED colours	+ finiture finishes	+ revisione release
8,3 mm 0,326"	510 (20,08")	8	<b>FLX.43</b>	.T  diffusore trasparente transparent diffuser	27  warm white 2700 K	W1  bianco opaco matt white	.0
	1010 (39,76")	15	<b>FLX.44</b>				
	1510 (59,45)	23	<b>FLX.45</b>	.D  diffusore opale opal diffuser	30  warm white 3000 K		
	2010 (79,13")	30	<b>FLX.46</b>		35  neutral white 3500 K		
	2510 (98,82")	38	<b>FLX.47</b>		45  cool white 4500 K		
	3010 (118,5")	45	<b>FLX.48</b>				
	3510 (138,19")	53	<b>FLX.49</b>				
	4010 (157,87")	60	<b>FLX.50</b>				
	4510 (177,56")	68	<b>FLX.51</b>				
	5010 (197,24")	75	<b>FLX.52</b>				

## FLEXI 16x16 SIDE SIGNAL LED 24 Vdc DWS

example FLX.52.D98W1.0

passo pitch [mm + in]	lunghezza length [mm + in]	potenza power [W]	codice code	+ ottiche optics	+ colori LED LED colours	+ finiture finishes	+ revisione release
7,14 mm 0,28"	510 (20,08")	8	<b>FLX.43</b>	.T  diffusore trasparente transparent diffuser	98  DWS 3000 K ÷ 8000 K	W1  bianco opaco matt white	.0
	1010 (39,76")	15	<b>FLX.44</b>				
	1510 (59,45)	23	<b>FLX.45</b>	.D  diffusore opale opal diffuser			
	2010 (79,13")	30	<b>FLX.46</b>				
	2510 (98,82")	38	<b>FLX.47</b>				
	3010 (118,5")	45	<b>FLX.48</b>				
	3510 (138,19")	53	<b>FLX.49</b>				
	4010 (157,87")	60	<b>FLX.50</b>				
	4510 (177,56")	68	<b>FLX.51</b>				
	5010 (197,24")	75	<b>FLX.52</b>				

## Note / notes

Alimentazione a tensione costante 24 Vdc dimmerabile, collegamento in parallelo / 24 Vdc constant voltage supply dimmable, parallel connection





\* Solo versioni monocromatiche / only monochromatic versions

## Schemi di collegamento / connection diagrams

Per scaricare gli schemi di collegamento scansionare il QR Code e scorrere fino alla sezione download  
To download the connection diagrams, scan the QR Code and scroll to the download sectionMONOCHROMATIC:  
DWS:C1/I1  
S1





## FLEXI 16x16 SIDE SIGNAL LED 24 Vdc RGB

example FLX.48.T90W1.0

passo pitch [mm + in]	lunghezza length [mm + in]	potenza power [W]	codice code	+ ottiche optics	+ colori LED LED colours	+ finiture finishes	+ revisione release
8,3 mm 0,326"	510 (20,08")	9	<b>FLX.43</b>	.T  diffusore trasparente transparent diffuser	90  RGB	W1  bianco opaco matt white	.0
	1010 (39,76")	18	<b>FLX.44</b>				
	1510 (59,45)	27	<b>FLX.45</b>				
	2010 (79,13")	36	<b>FLX.46</b>	.D  diffusore opale opal diffuser			
	2510 (98,82")	45	<b>FLX.47</b>				
	3010 (118,5")	54	<b>FLX.48</b>				
	3510 (138,19")	63	<b>FLX.49</b>				
	4010 (157,87")	72	<b>FLX.50</b>				
	4510 (177,56")	81	<b>FLX.51</b>				
	5010 (197,24")	90	<b>FLX.52</b>				





## FLEXI 16x16 SIDE SIGNAL LED 24 Vdc RGBW

example FLX.50.T91W1.0

passo pitch [mm + in]	lunghezza length [mm + in]	potenza power [W]	codice code	+ ottiche optics	+ colori LED LED colours	+ finiture finishes	+ revisione release
16,7 mm 0,65"	510 (20,08")	10	<b>FLX.43</b>	.T  diffusore trasparente transparent diffuser	91  RGBW W = 3200 K	W1  bianco opaco matt white	.0
	1010 (39,76")	19	<b>FLX.44</b>				
	1510 (59,45)	29	<b>FLX.45</b>				
	2010 (79,13")	38	<b>FLX.46</b>	.D  diffusore opale opal diffuser			
	2510 (98,82")	48	<b>FLX.47</b>				
	3010 (118,5")	57	<b>FLX.48</b>				
	3510 (138,19")	67	<b>FLX.49</b>				
	4010 (157,87")	76	<b>FLX.50</b>				
	4510 (177,56")	86	<b>FLX.51</b>				
	5010 (197,24")	95	<b>FLX.52</b>				

## FLEXI 16x16 SIDE SIGNAL LED 12 Vdc RGB MOVE

example FLX.45.D92W1.0

passo pitch [mm + in]	lunghezza length [mm + in]	potenza power [W]	codice code	+ ottiche optics	+ colori LED LED colours	+ finiture finishes	+ revisione release
16,7 mm 0,65"	510 (20,08")	7,2	<b>FLX.43</b>	.T  diffusore trasparente transparent diffuser	92  RGB MOVE	W1  bianco opaco matt white	.0
	1010 (39,76")	14,4	<b>FLX.44</b>				
	1510 (59,45)	21,6	<b>FLX.45</b>				
	2010 (79,13")	28,8	<b>FLX.46</b>	.D  diffusore opale opal diffuser			
	2510 (98,82")	36	<b>FLX.47</b>				
	3010 (118,5")	43,2	<b>FLX.48</b>				
	3510 (138,19")	50,4	<b>FLX.49</b>				
	4010 (157,87")	57,6	<b>FLX.50</b>				
	4510 (177,56")	64,8	<b>FLX.51</b>				
	5010 (197,24")	72	<b>FLX.52</b>				

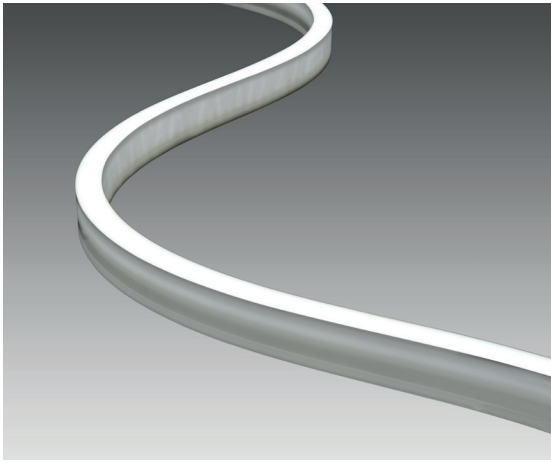
## Note / notes

Alimentazione a tensione costante 24 Vdc dimmerabile, collegamento in parallelo / 24 Vdc constant voltage supply dimmable, parallel connection

RGB MOVE: Alimentazione a tensione costante 12 Vdc dimmerabile, collegamento in parallelo / 12 Vdc constant voltage supply dimmable, parallel connection

## Schemi di collegamento / connection diagrams

Per scaricare gli schemi di collegamento scansionare il QR Code e scorrere fino alla sezione download  
To download the connection diagrams, scan the QR Code and scroll to the download sectionRGB: R1  
RGBW: T1  
RGB MOVE: U1










Made in Italy

Ra  
>8080 - 100  
lm/W





## FLEXI 12 P SIDE MID POWER LED 24 Vdc MONOCROMATICO / MONOCHROMATIC

example FLX.07.D45W1.0

passo pitch [mm + in]	lunghezza length [mm + in]	potenza power [W]	codice code	+ ottiche optics	+ colori LED LED colours	+ finiture finishes	+ revisione release
8,3 mm 0,326"	510 (20,078")	5	<b>FLX.07</b>	.T  diffusore trasparente transparent diffuser	27  warm white 2700 K	W1  bianco opaco matt white	.0
	1010 (39,763")	10	<b>FLX.08</b>				
	2010 (79,133")	20	<b>FLX.09</b>	.D  diffusore opale opal diffuser	30  warm white 3000 K		
	3010 (118,5")	30	<b>FLX.10</b>		35  neutral white 3500 K		
	4010 (157,87")	40	<b>FLX.11</b>		45  cool white 4500 K		
	5010 (197,244")	50	<b>FLX.12</b>				

## FLEXI 12 P SIDE SIGNAL LED 24 Vdc DWS

example FLX.09.T98W1.0

passo pitch [mm + in]	lunghezza length [mm + in]	potenza power [W]	codice code	+ ottiche optics	+ colori LED LED colours	+ finiture finishes	+ revisione release
7,14 mm 0,28"	510 (20,078")	7	<b>FLX.07</b>	.T  diffusore trasparente transparent diffuser	98  DWS 3000 K ÷ 8000 K	W1  bianco opaco matt white	.0
	1010 (39,763")	15	<b>FLX.08</b>				
	2010 (79,133")	30	<b>FLX.09</b>	.D  diffusore opale opal diffuser			
	3010 (118,5")	45	<b>FLX.10</b>				
	4010 (157,87")	60	<b>FLX.11</b>				
	5010 (197,244")	75	<b>FLX.12</b>				

## Note / notes

Alimentazione a tensione costante 24 Vdc dimmerabile, collegamento in parallelo / 24 Vdc constant voltage supply dimmable, parallel connection





\* Solo versioni monocromatiche / only monochromatic versions

## Schemi di collegamento / connection diagrams

Per scaricare gli schemi di collegamento scansionare il QR Code e scorrere fino alla sezione download  
To download the connection diagrams, scan the QR Code and scroll to the download sectionMONOCHROMATIC:  
DWS:C1/I1  
S1





**FLEXI 12 P SIDE SIGNAL LED 24 Vdc RGB**

example *FLX.10.D90W1.0*

passo pitch [mm + in]	lunghezza length [mm + in]	potenza power [W]	codice code	+ ottiche optics	+ colori LED LED colours	+ finiture finishes	+ revisione release
8,3 mm 0,326"	510 (20,078")	9	<b>FLX.07</b>	<b>.T</b>  diffusore trasparente transparent diffuser	<b>90</b>  RGB	<b>W1</b>  bianco opaco matt white	<b>.0</b>
	1010 (39,763")	18	<b>FLX.08</b>				
	2010 (79,133")	36	<b>FLX.09</b>	<b>.D</b>  diffusore opale opal diffuser			
	3010 (118,5")	54	<b>FLX.10</b>				
	4010 (157,87")	72	<b>FLX.11</b>				
5010 (197,244")	90	<b>FLX.12</b>					





**FLEXI 12 P SIDE SIGNAL LED 24 Vdc RGBW**

example *FLX.11.T91W1.0*

passo pitch [mm + in]	lunghezza length [mm + in]	potenza power [W]	codice code	+ ottiche optics	+ colori LED LED colours	+ finiture finishes	+ revisione release
16,7 mm 0,65"	510 (20,078")	10	<b>FLX.07</b>	<b>.T</b>  diffusore trasparente transparent diffuser	<b>91</b>  RGBW	<b>W1</b>  bianco opaco matt white	<b>.0</b>
	1010 (39,763")	19	<b>FLX.08</b>				
	2010 (79,133")	38	<b>FLX.09</b>	<b>.D</b>  diffusore opale opal diffuser			
	3010 (118,5")	57	<b>FLX.10</b>				
	4010 (157,87")	76	<b>FLX.11</b>				
5010 (197,244")	95	<b>FLX.12</b>					

**FLEXI 12 P SIDE SIGNAL LED 12 Vdc RGB MOVE**

example *FLX.08.D92W1.0*

passo pitch [mm + in]	lunghezza length [mm + in]	potenza power [W]	codice code	+ ottiche optics	+ colori LED LED colours	+ finiture finishes	+ revisione release
16,7 mm 0,65"	510 (20,078")	7,2	<b>FLX.07</b>	<b>.T</b>  diffusore trasparente transparent diffuser	<b>92</b>  RGB MOVE	<b>W1</b>  bianco opaco matt white	<b>.0</b>
	1010 (39,763")	14,4	<b>FLX.08</b>				
	2010 (79,133")	28,8	<b>FLX.09</b>	<b>.D</b>  diffusore opale opal diffuser			
	3010 (118,5")	43,2	<b>FLX.10</b>				
	4010 (157,87")	57,6	<b>FLX.11</b>				
5010 (197,244")	72	<b>FLX.12</b>					

**Note / notes**

Alimentazione a tensione costante 24 Vdc dimmerabile, collegamento in parallelo / 24 Vdc constant voltage supply dimmable, parallel connection

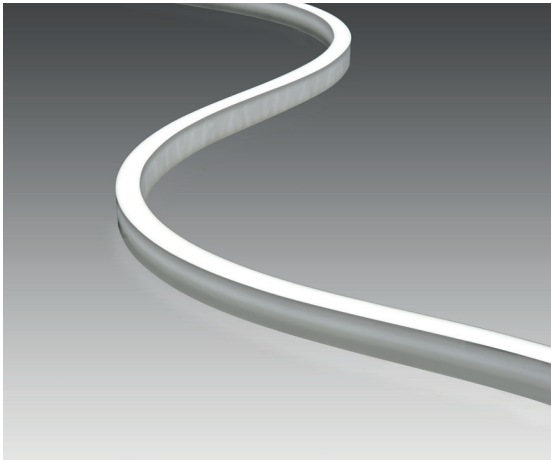
RGB MOVE: Alimentazione a tensione costante 12 Vdc dimmerabile, collegamento in parallelo / 12 Vdc constant voltage supply dimmable, parallel connection

**Schema di collegamento / connection diagrams**



Per scaricare gli schemi di collegamento scansionare il QR Code e scorrere fino alla sezione download  
To download the connection diagrams, scan the QR Code and scroll to the download section

RGB: R1  
RGBW: T1  
RGB MOVE: U1










Made in Italy

Ra  
>80-30°C  
50°C3-STEP  
MACADAM \*80 - 100  
lm/W \*





## FLEXI 11x11 SIDE MID POWER LED 24 Vdc MONOCROMATICO / MONOCHROMATIC

example FLX.53.D30W1.0

passo pitch [mm + in]	lunghezza length [mm + in]	potenza power [W]	codice code	+ ottiche optics	+ colori LED LED colours	+ finiture finishes	+ revisione release
4,16 mm 0,164"	510 (20,08")	5	<b>FLX.53</b>	.T  diffusore trasparente transparent diffuser	27  warm white 2700 K	W1  bianco opaco matt white	.0
	1010 (39,76")	10	<b>FLX.54</b>				
	1510 (59,45)	15	<b>FLX.55</b>	.D  diffusore opale opal diffuser	30  warm white 3000 K		
	2010 (79,13")	20	<b>FLX.56</b>				
	2510 (98,82")	25	<b>FLX.57</b>		35  neutral white 3500 K		
	3010 (118,5")	30	<b>FLX.58</b>				
	3510 (138,19")	35	<b>FLX.59</b>		45  cool white 4500 K		
	4010 (157,87")	40	<b>FLX.60</b>				
	4510 (177,56")	45	<b>FLX.61</b>				
	5010 (197,24")	50	<b>FLX.62</b>				

## FLEXI 11x11 SIDE SIGNAL LED 24 Vdc DWS

example FLX.32.T98W1.0

passo pitch [mm + in]	lunghezza length [mm + in]	potenza power [W]	codice code	+ ottiche optics	+ colori LED LED colours	+ finiture finishes	+ revisione release
8,3 mm 0,326"	510 (20,08")	5	<b>FLX.53</b>	.T  diffusore trasparente transparent diffuser	98  DWS 3000 K ÷ 8000 K	W1  bianco opaco matt white	.0
	1010 (39,76")	10	<b>FLX.54</b>				
	1510 (59,45)	15	<b>FLX.55</b>	.D  diffusore opale opal diffuser			
	2010 (79,13")	20	<b>FLX.56</b>				
	2510 (98,82")	25	<b>FLX.57</b>				
	3010 (118,5")	30	<b>FLX.58</b>				
	3510 (138,19")	35	<b>FLX.59</b>				
	4010 (157,87")	40	<b>FLX.60</b>				
	4510 (177,56")	45	<b>FLX.61</b>				
5010 (197,24")	50	<b>FLX.62</b>					

## Note / notes

Alimentazione a tensione costante 24 Vdc dimmerabile, collegamento in parallelo / 24 Vdc constant voltage supply dimmable, parallel connection

\* Solo versioni monocromatiche / only monochromatic versions



## Schemi di collegamento / connection diagrams

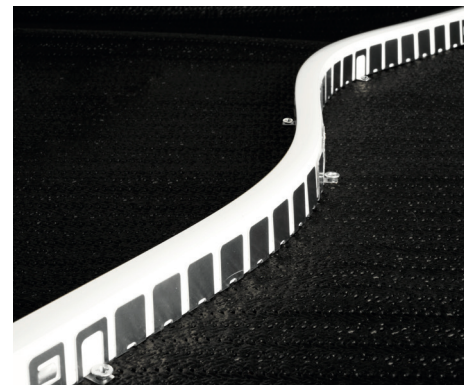
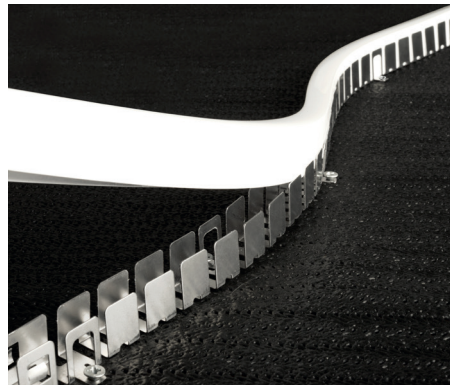
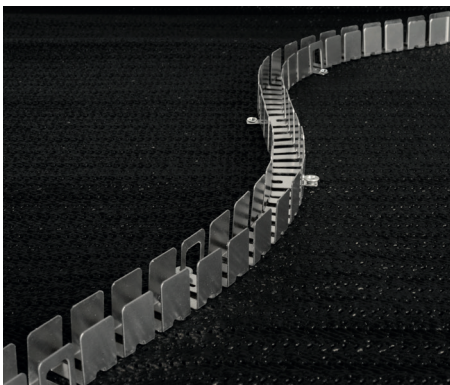
Per scaricare gli schemi di collegamento scansionare il QR Code e scorrere fino alla sezione download  
To download the connection diagrams, scan the QR Code and scroll to the download sectionMONOCHROMATIC:  
DWS:C1/I1  
S1



FLEXI 11x11 SIDE SIGNAL LED 24 Vdc RGB

example FLX.58.D90W1.0

passo pitch [mm + in]	lunghezza length [mm + in]	potenza power [W]	codice code	+ ottiche optics	+ colori LED LED colours	+ finiture finishes	+ revisione release
8,3 mm 0,326"	510 (20,08")	5	<b>FLX.53</b>	.T diffusore trasparente transparent diffuser  .D diffusore opale opal diffuser	90  RGB	W1  bianco opaco matt white	.0
	1010 (39,76")	10	<b>FLX.54</b>				
	1510 (59,45")	15	<b>FLX.55</b>				
	2010 (79,13")	20	<b>FLX.56</b>				
	2510 (98,82")	25	<b>FLX.57</b>				
	3010 (118,5")	30	<b>FLX.58</b>				
	3510 (138,19")	35	<b>FLX.59</b>				
	4010 (157,87")	40	<b>FLX.60</b>				
	4510 (177,56")	45	<b>FLX.61</b>				
	5010 (197,24")	50	<b>FLX.62</b>				



Installazione in cassaforma  
Installation in recessing box



Cambiacolore RGB  
RGB colour changing

Note / notes

Alimentazione a tensione costante 24 Vdc dimmerabile, collegamento in parallelo / 24 Vdc constant voltage supply dimmable, parallel connection

Schemi di collegamento / connection diagrams



Per scaricare gli schemi di collegamento scansionare il QR Code e scorrere fino alla sezione download  
To download the connection diagrams, scan the QR Code and scroll to the download section

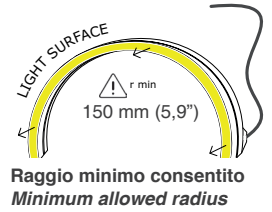
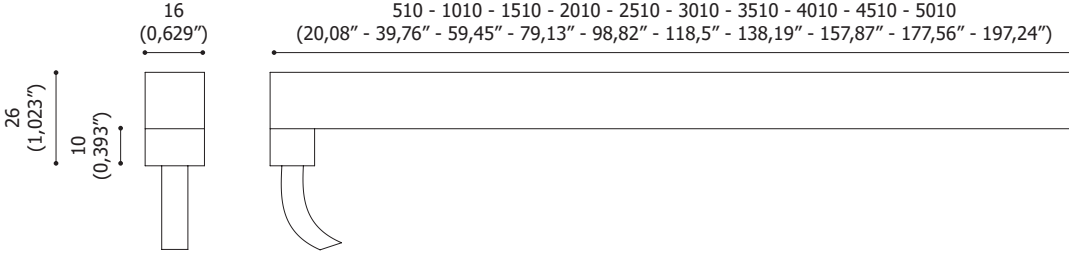
RGB:

R1

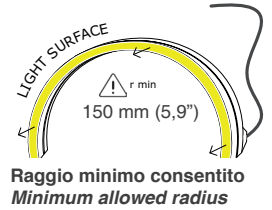
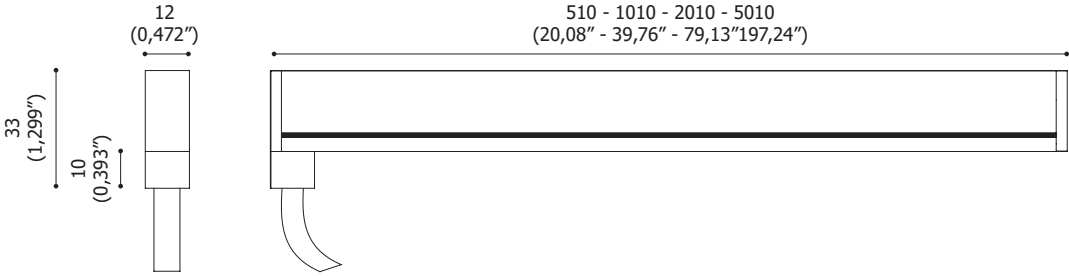
## DISEGNI TECNICI / TECHNICAL DRAWINGS

dimensioni in mm (in) / dimensions in mm (in)

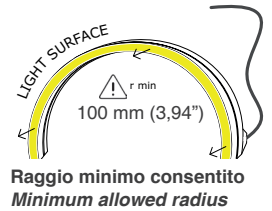
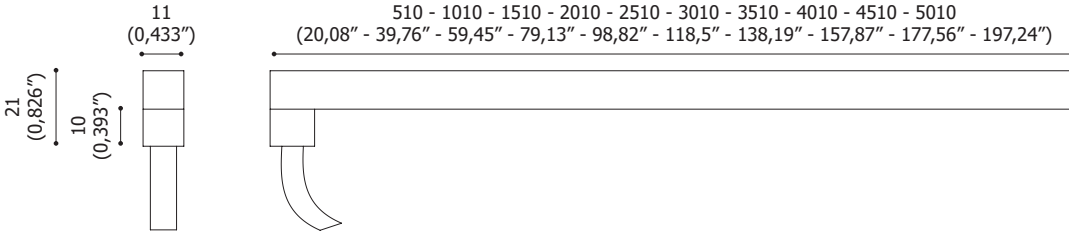
### Flexi 16x16



### Flexi 12 P



### Flexi 11x11

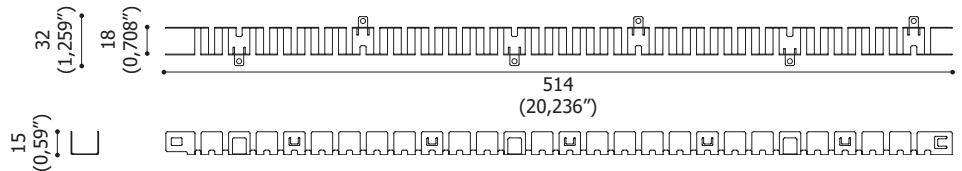


Ingresso cavo / cable entry: a richiesta disponibile con ingresso laterale o di testa / in line or lateral cable entry available upon demand

## CASSAFORME FLESSIBILI / FLEXIBLE RECESSING BOX

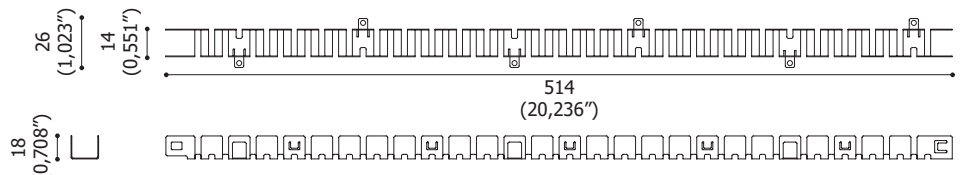
### CSF.0113.0 - Flexi 16x16

cassaforma modulare giuntabile/tagliabile in acciaio inox (confezione da 10 pezzi - 5 m)  
modular connectable/cuttable recessing box in stainless steel (10 pieces package - 5 m - 16,4 ft)



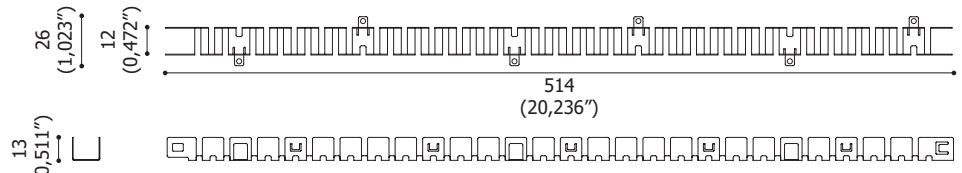
### CSF.0114.0 - Flexi 12 P

cassaforma modulare giuntabile/tagliabile in acciaio inox (confezione da 10 pezzi - 5 m)  
modular connectable/cuttable recessing box in stainless steel (10 pieces package - 5 m - 16,4 ft)



### CSF.0115.0 - Flexi 11x11

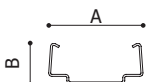
cassaforma modulare giuntabile/tagliabile in acciaio inox (confezione da 10 pezzi - 5 m)  
modular connectable/cuttable recessing box in stainless steel (10 pieces package - 5 m - 16,4 ft)



## ACCESSORI / ACCESSORIES

Molla di fissaggio (confezione da 5 pezzi)  
Fixing spring (5 pieces package)

	A	B
Cod. <b>ACC.0354.0</b> FLEXI 16x16	20 mm (0,79'')	6,2 mm (0,24'')
Cod. <b>ACC.0189.0</b> FLEXI 12 P	16 mm (0,63'')	6,2 mm (0,24'')
Cod. <b>ACC.0355.0</b> FLEXI 11x11	15 mm (0,59'')	6,2 mm (0,24'')



## ACCESSORI PER TAGLIO IN CANTIERE ON SITE CUTTING ACCESSORIES

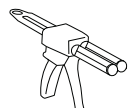
Accessorio per sigillatura (confezione da 5 pezzi)  
Sealing kit (5 pieces package)

Cod. <b>ACC.0357.0</b> FLEXI 16x16
Cod. <b>ACC.0275.0</b> FLEXI 12 P
Cod. <b>ACC.0358.0</b> FLEXI 11x11



Pistola per sigillatura  
Sealing gun

Cod. <b>ACC.0360.0</b>
Cartuccia sigillante Sealing cartridge
Cod. <b>ACC.0361.0</b>



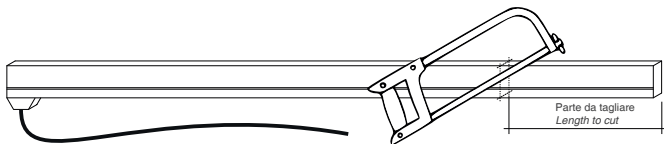
**SCHEMA TECNICA**

Corpo	resine a nanopolimeri
Finitura corpo	bianco opaco
Diffusore	trasparente o diffusore opale
Cavi di alimentazione	<b>monocromatico:</b> AWM style 20233 2x 0,75mm <sup>2</sup> AWG18 (rosso-nero) ø est 5,2 mm L. 1 m <b>RGB:</b> AWM style 20233 1x 0,75 mm <sup>2</sup> AWG18 (rosso) + 3x 0,5 mm <sup>2</sup> AWG20 (rosso-nero/verde-nero/blu-nero) ø est 6,5 mm L. 1 m <b>RGBW:</b> AWM style 20233 2x 0,75 mm <sup>2</sup> AWG18 (rosso-nero) +3x 0,5 mm <sup>2</sup> AWG20 (rosso-nero/verde-nero/blu-nero) ø est 6,5 mm L. 1 m <b>DWS e RGB MOVE:</b> AWM style 20233 2x 0,75 mm <sup>2</sup> AWG18 (rosso-nero) + 1x 0,5 mm <sup>2</sup> AWG20 (viola) ø est 6 mm L. 1 m
Temperatura di colore	CRI Ra > 80 - monocromatico: 2700 K, 3000 K, 3500 K, 4500 K - DWS: 3000 K ÷ 8000 K - RGBW: W = 3200 K
Alimentazione	tensione costante 24 Vdc (±5%), connessione in parallelo - tensione costante 12 Vdc (±5%), connessione in parallelo (solo RGB MOVE)
Potenza assorbita	<b>Flexi 16x16:</b> monocromatico 15 W/m - DWS 15 W/m - RGB 18 W/m - RGBW 19 W/m - RGB MOVE 18 W/m <b>Flexi 12 P:</b> monocromatico 10 W/m - DWS 15 W/m - RGB 18 W/m - RGBW 19 W/m - RGB MOVE 18 W/m <b>Flexi 11x11:</b> monocromatico 10 W/m - DWS 10 W/m - RGB 10 W/m
Temperatura di funzionamento	-30 ÷ +50 °C
Efficienza luminosa sorgente	80 - 100 lm/W (solo Mid Power LED monocromatici)
Peso	<b>Flexi 16x16: 300 g/m - Flexi 12 P: 300 g/m - Flexi 11x11: 142 g/m</b>
Grado di protezione	IP66/IP68, IK08
Normativa	CE prodotti in conformità alle vigenti norme IEC 60598; IEC 60598-1 UL prodotti in conformità alle vigenti norme UL 2018; CSA C22.2 No. 250.0-08 (solo Flexi 12 P)

**TECHNICAL INFORMATION**

Body	nano-polymer resins
Body finish	matt white
Diffuser	transparent or opal diffuser
Power supply cables	<b>monocromatico:</b> AWM style 20233 2x 0,75mm <sup>2</sup> AWG18 (red-black) ø est 5,2 mm (0,205") L. 1 m (3,28 ft) <b>RGB:</b> AWM style 20233 1x 0,75 mm <sup>2</sup> AWG18 (red) + 3x 0,5 mm <sup>2</sup> AWG20 (red-black/green-black/blue-black) ø est 6,5 mm (0,256") L. 1 m (3,28 ft) <b>RGBW:</b> AWM style 20233 2x 0,75 mm <sup>2</sup> AWG18 (red-black) +3x 0,5 mm <sup>2</sup> AWG20 (red-black/green-black/blue-black) ø est 6,5 mm (0,256") L. 1 m (3,28 ft) <b>DWS and RGB MOVE:</b> AWM style 20233 2x 0,75 mm <sup>2</sup> AWG18 (red-black) + 1x 0,5 mm <sup>2</sup> AWG20 (violet) ø est 6 mm (0,236") L. 1 m (3,28 ft)
Colour temperature	CRI Ra > 80 - monocromatico: 2700 K, 3000 K, 3500 K, 4500 K - DWS: 3000 K ÷ 8000 K - RGBW: W = 3200 K
Power supply	24 Vdc constant voltage (±5%), parallel connection - 12 Vdc constant voltage (±5%), parallel connection (RGB MOVE only)
Power consumption	<b>Flexi 16x16:</b> monocromatico 15 W/m - DWS 15 W/m - RGB 18 W/m - RGBW 19 W/m - RGB MOVE 18 W/m <b>Flexi 12 P:</b> monocromatico 10 W/m - DWS 15 W/m - RGB 18 W/m - RGBW 19 W/m - RGB MOVE 18 W/m <b>Flexi 11x11:</b> monocromatico 10 W/m - DWS 10 W/m - RGB 10 W/m
Working temperature	-30 ÷ +50 °C (-22°F ÷ 122°F)
LED luminous efficiency	80 - 100 lm/W (monochromatic Mid Power LED only)
Weight	<b>Flexi 16x16: 300 g/m (10.58 oz/m) - Flexi 12 P: 300 g/m (10.58 oz/m) - Flexi 11x11: 142 g/m (5.01 oz/m)</b>
Protection degree	IP66/IP68, IK08
Norms	CE products comply with norms IEC 60598; IEC 60598-1 UL products comply norms UL 2018; CSA C22.2 No. 250.0-08 (Flexi 12 P only)

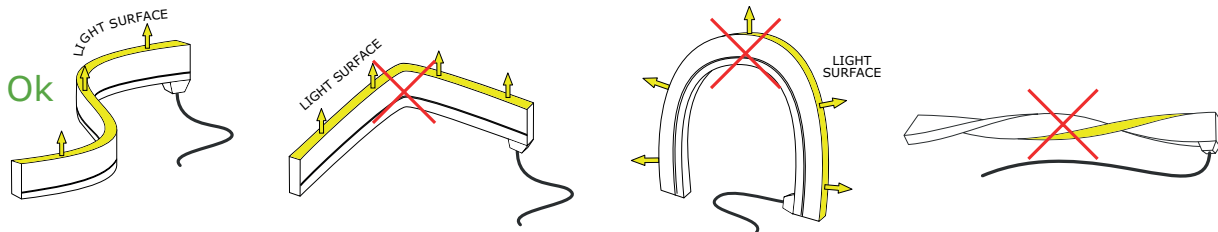
**CORPO TAGLIABILE A MISURA / FLEXIBLE BODY CUTTABLE TO LENGTH**



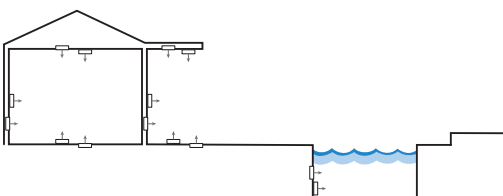
In caso di taglio e sigillatura dei corpi illuminanti in cantiere, Aldabra non potrà garantire il grado IP originale non potendo controllare la qualità dell'esecuzione avvenuta. Si prega di fare riferimento alle istruzioni per il taglio disponibili sul sito [www.aldabra.it](http://www.aldabra.it).  
 In case of cutting and sealing of the lighting fixtures in site, Aldabra can not guarantee the original IP grade because the quality of the execution can not be controlled. Kindly refer to the cutting instructions available on the website [www.aldabra.it](http://www.aldabra.it).

**Passo di taglio del modulo a luce piena / full light cutting pitch:**

	monochromatic	DWS	RGB	RGBW	RGB MOVE
Flexi 16x16	50 mm (1,969")	50 mm (1,969")	50 mm (1,969")	100 mm (3,937")	16,7 mm (0,657")
Flexi 12 P	50 mm (1,969")	50 mm (1,969")	50 mm (1,969")	100 mm (3,937")	16,7 mm (0,657")
Flexi 11x11	25 mm (0,984")	50 mm (1,969")	50 mm (1,969")	-	-



**Montaggio consigliato / recommended installation**



**Caratteristiche / features**



**UL LISTED** solo Flexi 12 P / Flexi 12 P only

**Note / notes**

la lunghezza dei prodotti in resina flessibile può variare fino a ± 0,3% a causa del processo di produzione o per le variazioni di temperatura in loco  
 resin flexible product's length may vary up to ± 0.3% due to production process or for on-site temperature variations

**ALDABRA**<sup>®</sup>  
[www.aldabra.it](http://www.aldabra.it)  
[www.aldabrausa.com](http://www.aldabrausa.com)