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**FLEXBAR<sup>®</sup>**

Flexible lighting era in concealed lights



# F l e x b a r

L u m i n a i r e   S e r i e s



FLEXBAR WHITE

8

FLEXBAR MN-COLOR

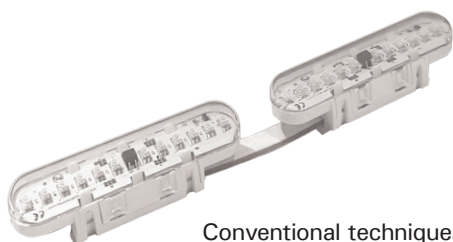
10

FLEXBAR RGB

12

# FLEXBAR®

**FLEXIBLE LIGHTING ERA IN CONCEALED LIGHTS**



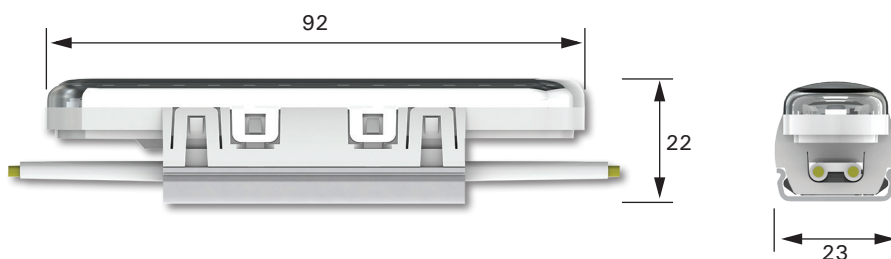
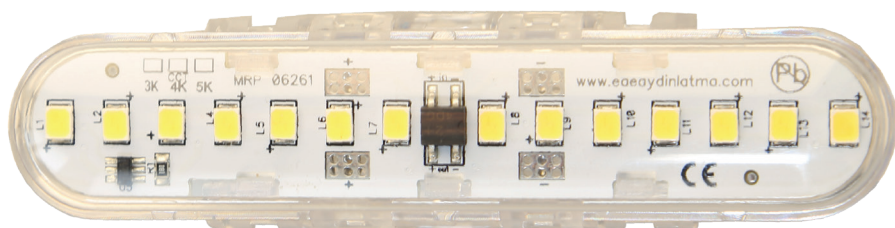
## FLEXBAR

Conventional techniques that have been used in the past for illumination designs incorporating concealed lights have limited both the lighting results themselves and as well as the freedom in their architectural design.

FLEXBAR, EAE's new concealed lighting product, removes all the limitations. The product's luminance level, its capability for sharp or circular rotation, and its capability to be removed and cut thanks to its modular cabling feature makes it possible to realize any type of flexible light and lighting designs you can imagine.

## GENERAL SPECIFICATIONS

- PC housing and cap
- Opal diffuser/Clear diffuser
- SMD LED
- 5W/m - 7W/m - 8W/m - 14W/m
- 24V DC
- Red, Amber, Blue, Green, 2700K, 3000K, 4000K and RGB light possibility
- Dimmer diversity (DALI)
- Mac Adam Step 3
- > 80 CRI
- IP 20
- Surface Mounted Concealed Lighting Applications
- Emergency Kit (ACK)



## FLEXBAR APPLICATION FIELDS

Flexbar can be utilized comfortably in tension ceilings, under shelf and backlight applications, in addition to standard concealed applications, thanks to its flexible and modular structure. It provides long lifetime especially for solutions integrated with architectural details which is very difficult to access afterwards.

## FLEXBAR®

**FLEXBAR, is designed to change your view on lighting with its inspiring dynamic, adaptable, flexible and ergonomic structure.**

Contrary to conventional systems, it does not confine the light source to certain forms. It may be removed and installed at will thanks to its modular wired structure. The level of lumen may be adjusted by increasing or decreasing the number of modules. Modules may be replaced in case of any failure.

Provides **maintenance-free**, cost-effective and efficient lighting **with long service life** thanks to its LED light source. It is available in 2700K, 3000K, 4000K light colours and amber, red, blue, green and RGB colour options.

### Colour Temperature and Colour Options



### Lumen Options\*

500lm/m      700lm/m      800lm/m      1400lm/m

*\*Lumen package options are only valid for MN - WHITE.*

### Module Options

4-5-6-7-8-9 module/m

### Cap Options

Clear cap/Opal Cap

### Lighting Control

ON/OFF      1/10V      DALI      ACK

### Lighting Control

3m      5m      10m

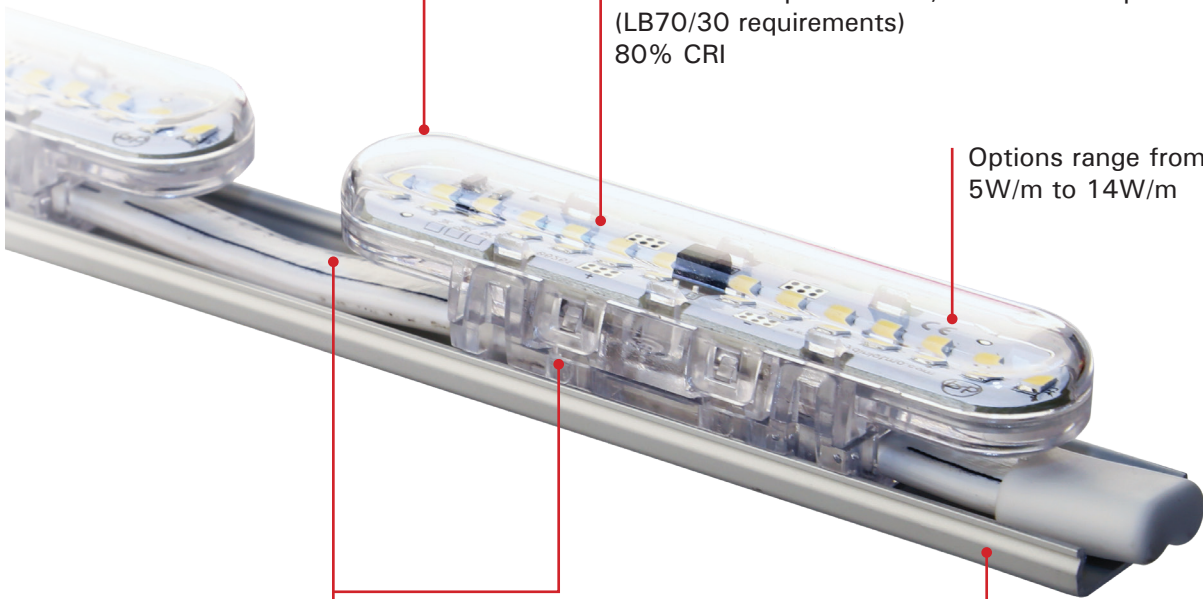
*\*\*3m option is valid only for MX - RGB.*



Poly-carbon housing and cap  
(Clear and Opal Cap Options)

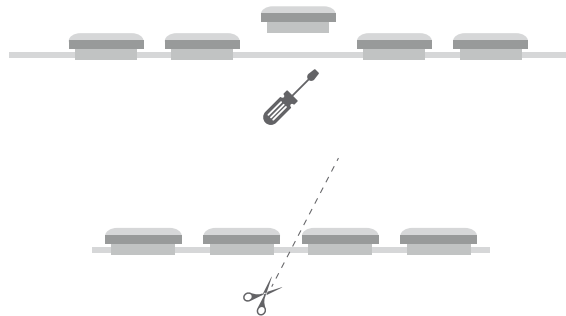
LM79 Test Report and 50,000 hours of operation  
(LB70/30 requirements)  
80% CRI

Options range from  
5W/m to 14W/m



Utilizing interchangeable, demountable,  
extensible and sliceable structure

Aluminum Profile bracket



## Why FLEXBAR?

You have a light source that you can use without challenging with solid form of similar products, and short lifetime, low lumen capacities and maintenance difficulties of strip LEDs.

Flexbar presents a long lifetime, energy saving and sustainable solution, thanks to its modular structure that can be mounted on the cable through its clips improved for flexibility.

	LEDBAR	LED STRIP OR LED CHAIN	FLEXBAR®
Flexible, Curved Applications	-	+	+
Advantage of Sliceable Utilization	-	+	+
24V DC Power Supply	+	+	+
Long Lines without a Project	-	+	+
LED interchangeability in case of LED failure	-	-	+
Increasing / Decreasing after Lumen Output	-	-	+
Soldering on Site	-	-	+
Procurement Surveillance without a Project	-	+	+
Angular Installation Option	+	-	+
50,000 Hours High Lumen	+	-	+

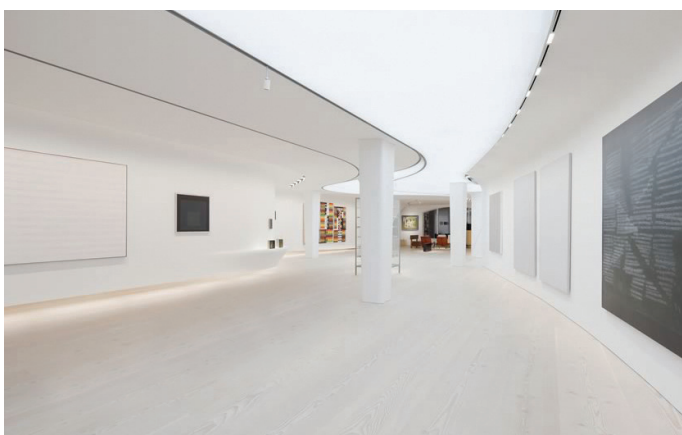
### OFFICES



### EDUCATION BUILDINGS



### SAĞLIK YAPILARI



### RETAIL MARKET & STORE



# FLEXBAR WHITE

FLEXIBLE CONCEALED LIGHTING SYSTEM



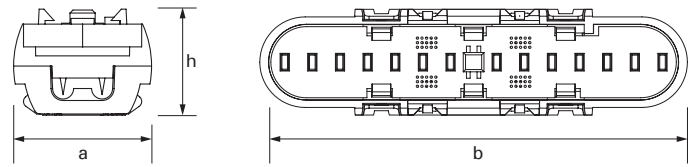
*FLEXBAR WHITE is ideal for projects that require cost-efficiency and long-term use with its flexible structure that has given inspiration to numerous designs in concealed lighting applications. Its module based design makes it possible for you to increase and decrease the number of modules and obtain different lumen values.*



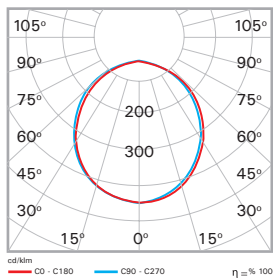
## Technical Specifications

Housing	: PC housing and cap
Diffuser	: Clear / Opal diffuser
Light Source	: Mid Power LED
Power	: 5 W/m / 7 W/m / 8 W/m / 14 W/m
Lumen	: 500 lm/m / 700 lm/m / 800 lm/m / 1400 lm/m
Output Voltage	: 24 V
Color Temp.	: 2700K / 3000K / 4000K
CRI	: > 80
IP	: IP20
Installation	: Surface mounted

## Technical Drawing



## Photometric Curve



## Dimensions (mm)

a	b	h
23	92	22

## Options

Length Options in meters	: 1m / 2m / 5m / 10m
Module Options	: 4 / 5 / 6 / 7 / 8 / 9
Emergency Kit	: Yes (1-3 hours)
DALI Compatibility	: Yes

\*Please contact our customer representative for different options.







# FLEXBAR MN-COLOR

FLEXIBLE CONCEALED LIGHTING SYSTEM

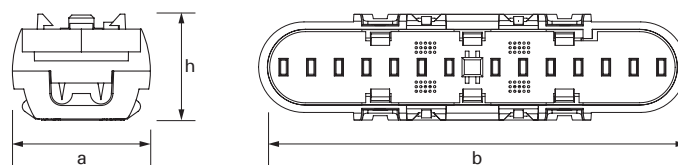
*FLEXBAR MN-COLOR is ideal for projects that require cost-efficiency and long-term use with its flexible structure that has given inspiration to numerous designs in concealed lighting applications. Its module based design makes it possible for you to increase and decrease the number of modules and obtain different lumen values.*



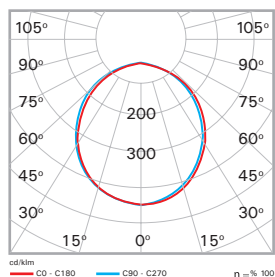
## Technical Specifications

Housing	: PC housing and cap
Diffuser	: Clear / Opal diffuser
Light Source	: Mid Power LED
Power	: 7.7 W/m (Amber-Red) / 7.3 W/m (Green-Blue)
Lumen	: 306 lm/m (Amber) / 306 lm/m (Red) / 540 lm/m (Green) / 135 lm/m (Blue)
Output Voltage	: 24 V
Color Temp.	: Amber / Red / Green / Blue
CRI	: > 80
IP	: IP20
Installation	: Surface mounted

## Technical Drawing



## Photometric Curve



## Dimensions (mm)

a	b	h
23	92	22

## Options

Length Options in meters	: 5m / 10m
Module Options	: 4 / 5 / 6 / 7 / 8 / 9
DALI Compatibility	: Yes

\* Please contact our customer representative for different options.





# FLEXBAR RGB

## FLEXIBLE CONCEALED LIGHTING SYSTEM

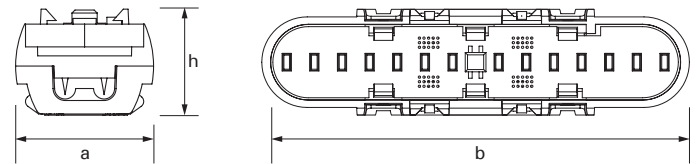
*FLEXBAR RGB is an RGB LED Controller, which can be use the advanced PWM (Pulse-Width Modulation) control technique, buit-in 32 kinds of changing mode. Smooth changing effect without flicker; PC engineering plastic shell, exquisite appearance.*



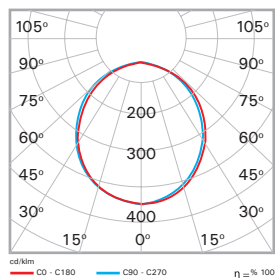
### Technical Specifications

Housing	: PC housing and cap
Diffuser	: Clear / Opal diffuser
Light Source	: Mid Power LED
Power	: 7.7 W/m (Amber-Red) / 7.3 W/m (Green-Blue)
Output Voltage	: 24 V
Color Temp.	: RGB
CRI	: > 80
IP	: IP20
Installation	: Surface mounted

### Technical Drawing



### Photometric Curve



### Dimensions (mm)

a	b	h
23	92	21

### Options

Standard Driver Options	: 30 W / 60 W / 80 W / 96 W / 120 W / 180 W
DALI Driver Options	: 75 W / 100 W / 150 W
Length Options in meters	: 3m / 5m / 10m
Module Options	: 4 / 5 / 6 / 7 / 8 / 9
Diffuser Options	: Clear / Opal
RF Remote Control	: Yes
DALI Compatibility	: Yes

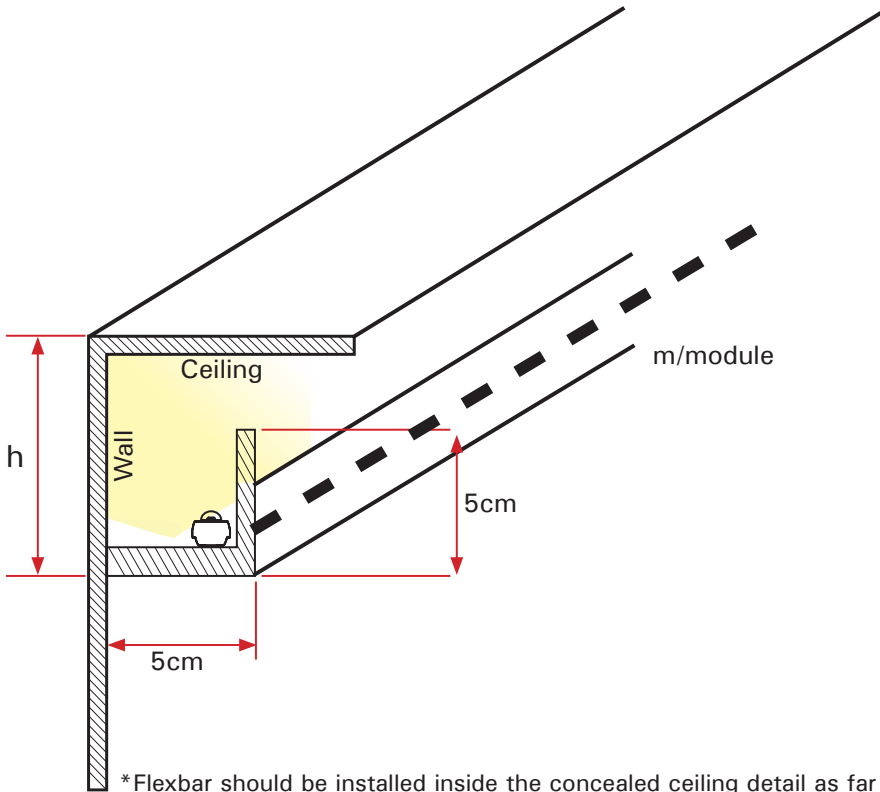
\*Please contact our customer representative for different options.





## FLEXBAR APPLICATION DETAILS

### Module Selection for Wall - Ceiling Type Concealed Lighting Applications



\*Flexbar should be installed inside the concealed ceiling detail as far as possible from the wall.

Concealed Ceiling Height (h)	Flexbar modules per 1 meter (m/module)
10cm	7 modules/m
15cm	6 modules/m
20cm	5 modules/m
25cm	4 modules/m

\*Modules per meter is inversely proportional to concealed ceiling detail height. For high concealed detail lighting, using less modules does not interfere homogeneity of lighting.

\*When using clear cap, light output increases, however module transitions can be sensed.

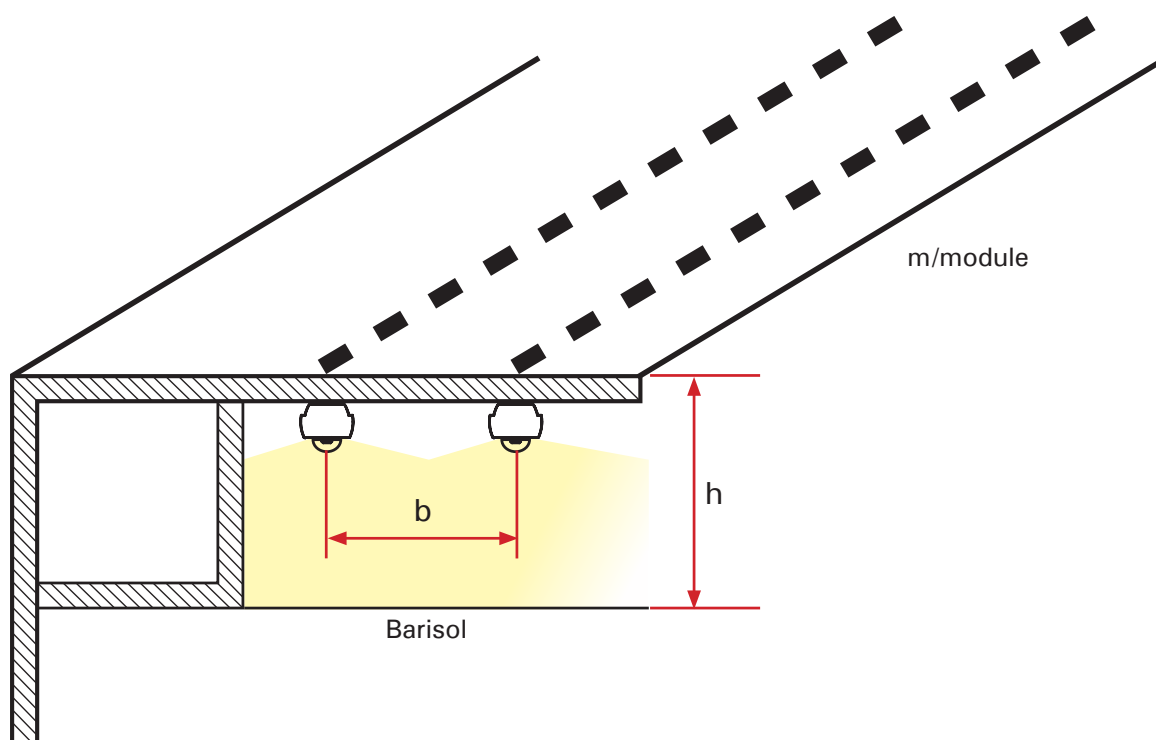
Opal Diffuser



Clear Diffuser



## Module Selection for PVC Tension Ceiling Applications

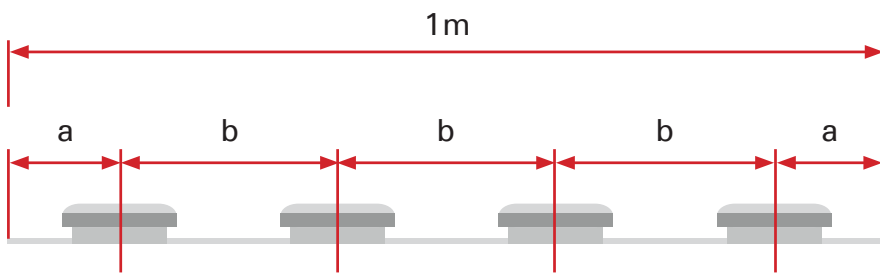
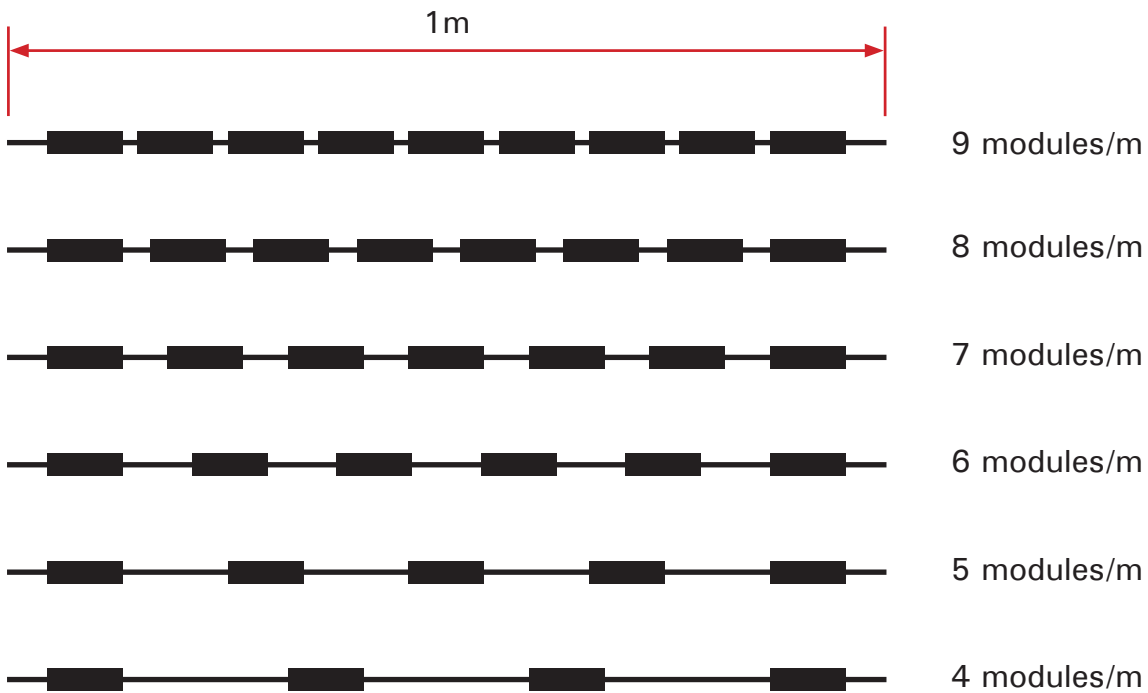


PVC Tension Ceiling Height (h)	Distance Between Flexbar Rows (b)	Flexbar Modules Per 1 Meter (m/module)
10cm	7.5cm	9 modules/m
15cm	11.25cm	8 modules/m
20cm	15cm	7 modules/m
25cm	18.75cm	6 modules/m
30cm	22.5cm	5 modules/m

### Points to consider for PVC tension ceiling detail applications;

- 1- To achieve homogeneity at PVC tension ceiling applications, percentage of the distance between Flexbar rows and tension ceiling height should be 3/4.
- 2- When using clear cap, light output increases, however module transitions can be sensed.

## MODULE OPTIONS



4 modules/m	5 modules/m	6 modules/m	7 modules/m	8 modules/m	9 modules/m
a: 125mm b: 250mm	a: 100mm b: 200mm	a: 83mm b: 166mm	a: 71mm b: 144mm	a: 62mm b: 125mm	a: 55mm b: 111mm

4, 5, 6, 7, 8, 9 modules can be placed on 1 meter cable.

## Lumen Package Options\*

500 lm/m	700 lm/m	800 lm/m	1400 lm/m
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\*Lumen value when 9 module/m requirement is achieved



## DIFFUSER OPTIONS

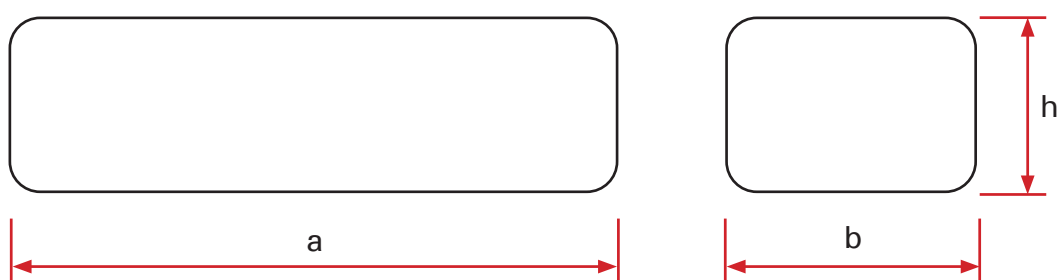
Opal Diffuser



Clear Diffuser



## Driver Dimensions



	a	b	h
35W	40	220	21
60W	40	250	21
75W	46	220	43
80W	50	250	34
96W	40	300	21
100W	43	295	30
120W	60	250	39
180W	64	280	31

## Driver Max. Feeding Distance

Maximum feeding distance for Flexbar Product family is 10m. Voltage drop should be calculated according to cross section of the cable coming from panel.

## Lighting Control Options

ON/OFF

DALI

ACK



**MN - WHITE**



**MN - COLOR**











**RGB**



## FLEXBAR Product Family

Flexbar is classified into 3 different product family according to colour of the light. MN - WHITE consists of different colour temperatures, MN - COLOR consists of different light colours and RGB consists of minor colours with combination of 3 major colours and white colour.

	MN - WHITE			MN - COLOR				RGB
Module Options	 *	 *	 *	 *	 *	 *	 *	 *
Lumen Package Options	*	*	*					
Diffuser Options	*	*	*	*	*	*	*	*
LightingControl Options	*	*	*	*	*	*	*	*
1-3 hours Emergency Kit Option	*	*	*					

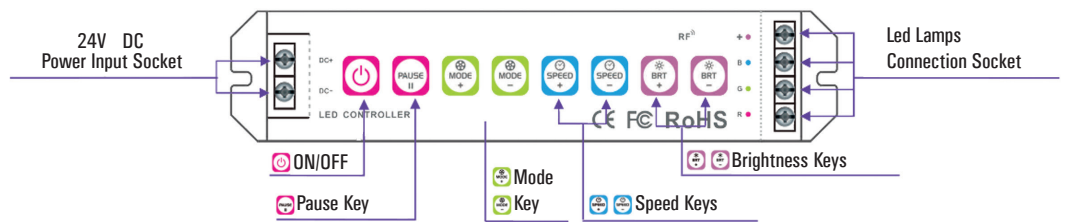
# FLEXBAR - RGB

## Flexible concealed lighting system



### LED RGB Controller

RGB LED Controller, use the advanced PWM (Pulse-Width Modulation) control technique, built-in 32 kinds of changing mode. Smooth changing effect without flicker; PC engineering plastic shell, exquisite appearance.



### Technical Specs

Input Voltage	24V DC
Max Current Load	6A X 3CH
Max Output Power	432 W (24V)
RF Remote Distance	100m
Radio Frequency	433.92 MHz
Remote Output Power	8Mw
Working Temp	30 - 35°C
Dimensions	L: 211mm W: 40mm H:30mm
Package Size	L: 313mm W: 50mm H:32 mm
Weight (G.W.)	240gr

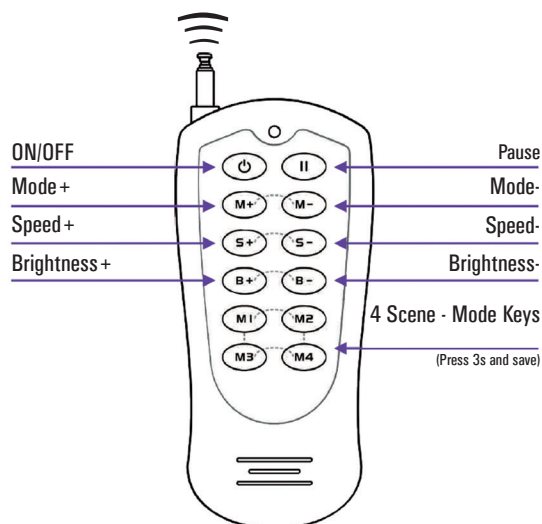
### Detailed Key Functions

8 function keys on the receiver, which is corresponding to the first 8 buttons on the RF remote: namely ON / OFF, PAUSE, MODE +, MODE-, SPEED +, SPEED-, BRT +, BRT-



## Remote Control Mechanism

RF remote (100m control distance). 24V DC wide voltage input, 3CH output (common anode), widely used for all kinds of LEDs with current - limiting resistor, like RGB LED Modules.



## Other Functions

1. Press PAUSE in 3s, the buzzer can be on or off.
2. Press MODE + for 3s to auto loop play all the modes.
3. Press MODE- for 3s to 4 scene modes. Merely play the changing modes, the static color will be skipped.
4. Press SPEED + for 3s, all speed change is restored to default status.
5. Press SPEED- for 3s, the current change is restored to default status.

## ID Learning Method

### Learning ID

Press "On/Off" key on the receiver for 3s, the buzzer long beep and the green light will be on, release the key, press any button on the remote, when the green light turns off means activated.

### Cancelling ID

Press "On/Off" key on the receiver for 5s, the buzzer long beep, the green light will be on and flash once, meanwhile press any button on the remote, when the green light flashes several times means ID cancelled (do not release the "On/Off" key during the process).

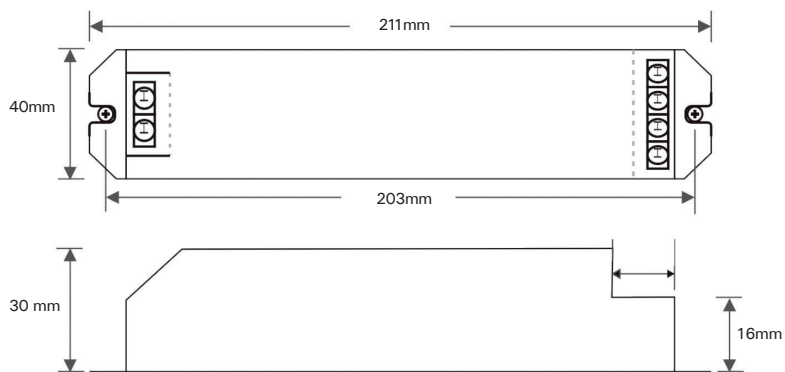
## Table of Changing Modes

No.	Modes	No.	Modes	No.	Modes
1	Static Red	12	Red Fade out and Fade in	23	Red Yellow Color Smooth
2	Static Green	13	Green Fade out and Fade in	24	Green Cyan Color Smooth
3	Static Blue	14	Blue Fade out and Fade in	25	Blue purple Color Smooth
4	Static Yellow	15	Yellow Fade out and Fade in	26	Green Yellow Color Smooth
5	Static Purple	16	Purple Fade out and Fade in	27	Blue Cyan Color Smooth
6	Static Cyan	17	Cyan Fade out and Fade in	28	Red Purple Color Smooth
7	Static White	18	White Fade out and Fade in	29	Blue White Color Smooth
8	RGB Skipping	19	RGB Fade out and Fade in	30	Yellow Purple Cyan Color Smooth
9	7 Colors Skipping	20	Red Green Color Smooth	31	RGB Color Smooth
10	White Strobe	21	Red Blue Color Smooth	32	Full-color Smooth
11	7 Colors Strobe	22	Green Blue Color Smooth		

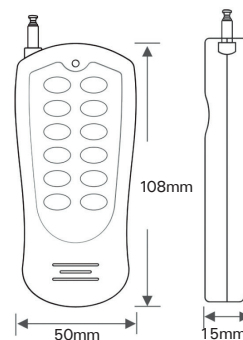
**\*Note:** Brightness is adjustable for static effect, brightness/speed are adjustable for changing effect.

**Product Size**

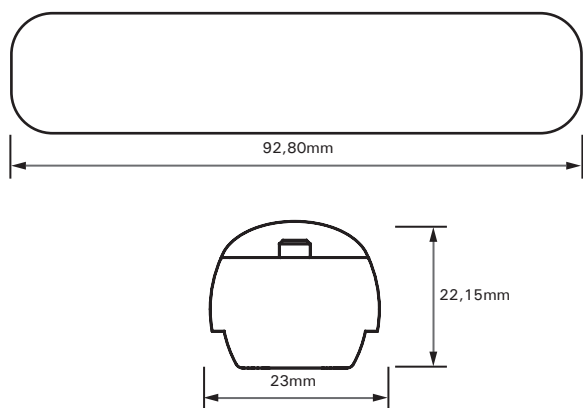
**Module**



**RF Remote Control**



**FlexBar**



**Cap Options**

Clear Cap/Opal Cap

**Lighting Control**

ON/OFF    DALI    RGB Control (Unit)

**Driver Options**

**Standard Driver Options**

30W / 60W / 80W / 96W / 120W / 180W

**DALI Driver Options**

75W / 100W / 150W

<b>Housing</b>	PC Housing, PC Cap
<b>Optic</b>	Clear/Opal Cap
<b>Power Cons.</b>	7,7W/m (Amber-Red) - 7,3W/m (Green-Blue)
<b>Light Source</b>	Low Power Led
<b>Input Voltage</b>	24V DC
<b>Colour Temp.</b>	Red 619/624nm
	Green 520/540nm
	Blue 460/480nm
<b>CRI</b>	min 80
<b>IP Value</b>	IP20
<b>Electronic Control Utilization</b>	ON/OFF, DALI, RGB Control (Unit) Surface Mounted

### Colour Temperature

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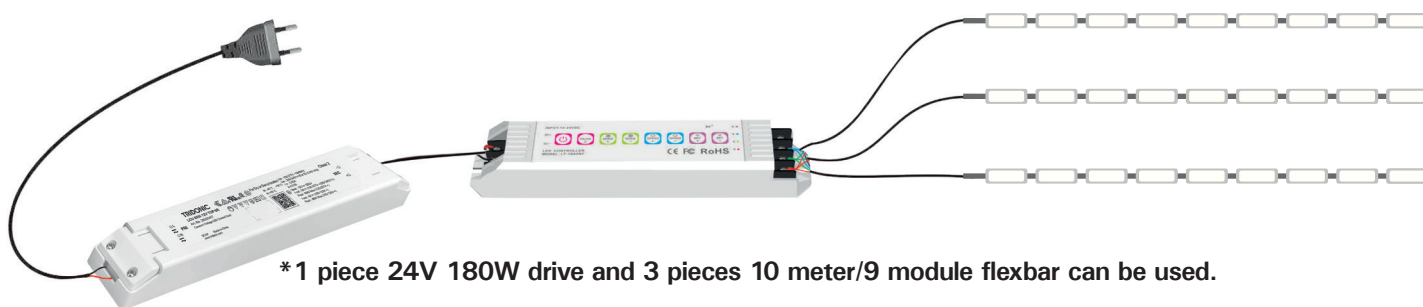
### Footage Options

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3m,5m,10m

### Wiring Diagram

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**\* 1 piece 24V 180W drive and 3 pieces 10 meter/9 module flexbar can be used.**



**Module Options  
( Clear Diffuser )**

Module	Explanation	Product Code	Consumption Power (W)	Lenght	Weight (kg)
9 Module Clear Diffuser	FLEX Bar RGB 3M	FLX 013A RGSD28 LLL 03M9	13,5W	3m	0,9kg
	FLEX Bar RGB 5M	FLX 022A RGSD28 LLL 05M9	22,5W	5m	1,5kg
	FLEX Bar RGB 10M	FLX 045A RGSD28 LLL 10M9	45W	10m	3,0kg
8 Module Clear Diffuser	FLEX Bar RGB 3M	FLX 012A RGSD28 LLL 03M8	12W	3m	0,9kg
	FLEX Bar RGB 5M	FLX 020A RGSD28 LLL 05M8	20W	5m	1,5kg
	FLEX Bar RGB 10M	FLX 040A RGSD28 LLL 10M8	40W	10m	3,0kg
7 Module Clear Diffuser	FLEX Bar RGB 3M	FLX 010A RGSD28 LLL 03M7	10,5W	3m	0,8kg
	FLEX Bar RGB 5M	FLX 017A RGSD28 LLL 05M7	17,5W	5m	1,4kg
	FLEX Bar RGB 10M	FLX 035A RGSD28 LLL 10M7	35W	10m	2,8kg
6 Module Clear Diffuser	FLEX Bar RGB 3M	FLX 009A RGSD28 LLL 03M6	9W	3m	0,8kg
	FLEX Bar RGB 5M	FLX 015A RGSD28 LLL 05M6	15W	5m	1,4kg
	FLEX Bar RGB 10M	FLX 030A RGSD28 LLL 10M6	30W	10m	2,8kg
5 Module Clear Diffuser	FLEX Bar RGB 3M	FLX 007A RGSD28 LLL 03M5	7,5W	3m	0,7kg
	FLEX Bar RGB 5M	FLX 012A RGSD28 LLL 05M5	12,5W	5m	1,2kg
	FLEX Bar RGB 10M	FLX 025A RGSD28 LLL 10M5	25W	10m	2,5kg
4 Module Clear Diffuser	FLEX Bar RGB 3M	FLX 006A RGSD28 LLL 03M4	6W	3m	0,6kg
	FLEX Bar RGB 5M	FLX 010A RGSD28 LLL 05M4	10W	5m	1,1kg
	FLEX Bar RGB 10M	FLX 020A RGSD28 LLL 10M4	20W	10m	2,3kg





**Module Options  
( Opal Diffuser )**

Module	Explanation	Product Code	Consumption Power (W)	Lenght	Weight (kg)
9 Module <b>Opal Diffuser</b>	FLEX Bar RGB 3M	FLX 013A RGOD28 LLL 03M9	13,5W	3m	0,9kg
	FLEX Bar RGB 5M	FLX 022A RGOD28 LLL 05M9	22,5W	5m	1,5kg
	FLEX Bar RGB 10M	FLX 045A RGOD28 LLL 10M9	45W	10m	3,0kg
8 Module <b>Opal Diffuser</b>	FLEX Bar RGB 3M	FLX 012A RGOD28 LLL 03M8	12W	3m	0,9kg
	FLEX Bar RGB 5M	FLX 020A RGOD28 LLL 05M8	20W	5m	1,5kg
	FLEX Bar RGB 10M	FLX 040A RGOD28 LLL 10M8	40W	10m	3,0kg
7 Module <b>Opal Diffuser</b>	FLEX Bar RGB 3M	FLX 010A RGOD28 LLL 03M7	10,5W	3m	0,8kg
	FLEX Bar RGB 5M	FLX 017A RGOD28 LLL 05M7	17,5W	5m	1,4kg
	FLEX Bar RGB 10M	FLX 035A RGOD28 LLL 10M7	35W	10m	2,8kg
6 Module <b>Opal Diffuser</b>	FLEX Bar RGB 3M	FLX 009A RGOD28 LLL 03M6	9W	3m	0,8kg
	FLEX Bar RGB 5M	FLX 015A RGOD28 LLL 05M6	15W	5m	1,4kg
	FLEX Bar RGB 10M	FLX 030A RGOD28 LLL 10M6	30W	10m	2,8kg
5 Module <b>Opal Diffuser</b>	FLEX Bar RGB 3M	FLX 007A RGOD28 LLL 03M5	7,5W	3m	0,7kg
	FLEX Bar RGB 5M	FLX 012A RGOD28 LLL 05M5	12,5W	5m	1,2kg
	FLEX Bar RGB 10M	FLX 025A RGOD28 LLL 10M5	25W	10m	2,5kg
4 Module <b>Opal Diffuser</b>	FLEX Bar RGB 3M	FLX 006A RGOD28 LLL 03M4	6W	3m	0,6kg
	FLEX Bar RGB 5M	FLX 010A RGOD28 LLL 05M4	10W	5m	1,1kg
	FLEX Bar RGB 10M	FLX 020A RGOD28 LLL 10M4	20W	10m	2,3kg

## PURCHASE ORDER TABLE

### 2 meters Transparent Diffuser 521 Lumen Package (With Emergency Kit - 1, 3 hrs.)

Product Type	Product Code	Power (W)	Weight (kg)
9 W 4000K 9 Module	FLX 005G 40SD43 0K5 02M9	8,6	336
8 W 4000K 8 Module	FLX 004G 40SD43 0K5 02M8	7,7	314
7 W 4000K 7 Module	FLX 003G 40SD43 0K5 02M7	6,7	292
6 W 4000K 6 Module	FLX 003G 40SD43 0K5 02M6	5,7	270
5 W 4000K 5 Module	FLX 002G 40SD43 0K5 02M5	4,8	248
4 W 4000K 4 Module	FLX 002G 40SD43 0K5 02M4	3,8	226

### 5 meters Transparent Diffuser 521 Lumen Package

Product Type	Product Code	Power (W)	Weight (kg)
22 W 4000K 9 Module	FLX 022G 40SD28 0K5 05M9	21,7	543
19 W 4000K 8 Module	FLX 019G 40SD28 0K5 05M8	19,2	521
17 W 4000K 7 Module	FLX 015G 40SD28 0K5 05M7	16,8	499
14 W 4000K 6 Module	FLX 014G 40SD28 0K5 05M6	14,4	477
12 W 4000K 5 Module	FLX 012G 40SD28 0K5 05M5	12	455
10 W 4000K 4 Module	FLX 009G 40SD28 0K5 05M4	9,6	433

### 10 meters Transparent Diffuser 521 Lumen Package

Product Type	Product Code	Power (W)	Weight (kg)
43 W 4000K 9 Module	FLX 044G 40SD28 0K5 10M9	43,4	888
38 W 4000K 8 Module	FLX 038G 40SD28 0K5 10M8	38	866
34 W 4000K 7 Module	FLX 033G 40SD28 0K5 10M7	33,7	844
29 W 4000K 6 Module	FLX 028G 40SD28 0K5 10M6	28,9	822
24 W 4000K 5 Module	FLX 024G 40SD28 0K5 10M5	24,1	800
19 W 4000K 4 Module	FLX 019G 40SD28 0K5 10M4	19,2	788

### 2 meters Transparent Diffuser 774 Lumen Package (With Emergency Kit - 1, 3 hrs.)

Product Type	Product Code	Power (W)	Weight (kg)
14 W 4000K 9 Module	FLX 007G 40SD43 0K7 02M9	13,7	336
12 W 4000K 8 Module	FLX 006G 40SD43 0K7 02M8	12,2	314
11 W 4000K 7 Module	FLX 005G 40SD43 0K7 02M7	10,6	292
9 W 4000K 6 Module	FLX 004G 40SD43 0K7 02M6	9,1	270
8 W 4000K 5 Module	FLX 003G 40SD43 0K7 02M5	7,6	248
6 W 4000K 4 Module	FLX 003G 40SD43 0K7 02M4	6,1	226

### 5 meters Transparent Diffuser 774 Lumen Package

Product Type	Product Code	Power (W)	Weight (kg)
34 W 4000K 9 Module	FLX 035G 40SD28 0K7 05M9	34,3	543
30 W 4000K 8 Module	FLX 030G 40SD28 0K7 05M8	30,5	521
27 W 4000K 7 Module	FLX 025G 40SD28 0K7 05M7	26,7	499
23 W 4000K 6 Module	FLX 022G 40SD28 0K7 05M6	22,8	477
19 W 4000K 5 Module	FLX 019G 40SD28 0K7 05M5	19	455
15 W 4000K 4 Module	FLX 015G 40SD28 0K7 05M4	15,2	433

### 10 meters Transparent Diffuser 774 Lumen Package

Product Type	Product Code	Power (W)	Weight (kg)
69 W 4000K 9 Module	FLX 070G 40SD28 0K7 10M9	68,6	888
61 W 4000K 8 Module	FLX 060G 40SD28 0K7 10M8	61	866
53 W 4000K 7 Module	FLX 053G 40SD28 0K7 10M7	53,4	844
46 W 4000K 6 Module	FLX 045G 40SD28 0K7 10M6	45,7	822
38 W 4000K 5 Module	FLX 038G 40SD28 0K7 10M5	38,1	800
30 W 4000K 4 Module	FLX 030G 40SD28 0K7 10M4	30,5	778

### 2 meters Transparent Diffuser 886 Lumen Package (With Emergency Kit - 1, 3 hrs.)

Product Type	Product Code	Power (W)	Weight (kg)
27 W 4000K 9 Module	FLX 008G 40SD43 0K8 02M9	15,1	336
13 W 4000K 8 Module	FLX 007G 40SD43 0K8 02M8	13,4	314
12 W 4000K 7 Module	FLX 006G 40SD43 0K8 02M7	11,7	292
10 W 4000K 6 Module	FLX 005G 40SD43 0K8 02M6	10,1	270
8 W 4000K 5 Module	FLX 004G 40SD43 0K8 02M5	8,4	248
7 W 4000K 4 Module	FLX 003G 40SD43 0K8 02M4	6,7	226

### 5 meters Transparent Diffuser 886 Lumen Package

Product Type	Product Code	Power (W)	Weight (kg)
38 W 4000K 9 Module	FLX 038G 40SD28 0K8 05M9	37,9	543
34 W 4000K 8 Module	FLX 033G 40SD28 0K8 05M8	33,6	521
29 W 4000K 7 Module	FLX 030G 40SD28 0K8 05M7	29,4	499
25 W 4000K 6 Module	FLX 025G 40SD28 0K8 05M6	25,2	477
21 W 4000K 5 Module	FLX 021G 40SD28 0K8 05M5	21	455
17 W 4000K 4 Module	FLX 017G 40SD28 0K8 05M4	16,8	433

### 10 meters Transparent Diffuser 886 Lumen Package

Product Type	Product Code	Power (W)	Weight (kg)
76 W 4000K 9 Module	FLX 090G 40SD28 0K8 10M9	75,8	888
67 W 4000K 8 Module	FLX 067G 40SD28 0K8 10M8	67,3	866
59 W 4000K 7 Module	FLX 058G 40SD28 0K8 10M7	58,9	844
50 W 4000K 6 Module	FLX 050G 40SD28 0K8 10M6	50,5	822
42 W 4000K 5 Module	FLX 042G 40SD28 0K8 10M5	42,1	800
34 W 4000K 4 Module	FLX 033G 40SD28 0K8 10M4	33,6	778

### 2 meters Transparent Diffuser 1432 Lumen Package (With Emergency Kit - 1, 3 hrs.)

Product Type	Product Code	Power (W)	Weight (kg)
27 W 4000K 9 Module	FLX 014G 40SD43 1K4 02M9	27,3	336
24 W 4000K 8 Module	FLX 012G 40SD43 1K4 02M8	24,3	314
21 W 4000K 7 Module	FLX 011G 40SD43 1K4 02M7	21,2	292
18 W 4000K 6 Module	FLX 009G 40SD43 1K4 02M6	18,2	270
15 W 4000K 5 Module	FLX 008G 40SD43 1K4 02M5	15,1	248
12 W 4000K 4 Module	FLX 006G 40SD43 1K4 02M4	12,1	226

### 5 meters Transparent Diffuser 1432 Lumen Package

Product Type	Product Code	Power (W)	Weight (kg)
68 W 4000K 9 Module	FLX 068G 40SD28 1K4 05M9	68,3	543
60 W 4000K 8 Module	FLX 060G 40SD28 1K4 05M8	60,7	521
53 W 4000K 7 Module	FLX 052G 40SD28 1K4 05M7	53,1	499
45 W 4000K 6 Module	FLX 045G 40SD28 1K4 05M6	45,5	477
38 W 4000K 5 Module	FLX 038G 40SD28 1K4 05M5	37,9	455
30 W 4000K 4 Module	FLX 030G 40SD28 1K4 05M4	30,3	433

### 10 meters Transparent Diffuser 1432 Lumen Package

Product Type	Product Code	Power (W)	Weight (kg)
137 W 4000K 9 Module	FLX 136G 40SD28 1K4 10M9	136,7	888
121 W 4000K 8 Module	FLX 120G 40SD28 1K4 10M8	121,5	866
106 W 4000K 7 Module	FLX 105G 40SD28 1K4 10M7	106,3	844
91 W 4000K 6 Module	FLX 090G 40SD28 1K4 10M6	91,1	822
76 W 4000K 5 Module	FLX 075G 40SD28 1K4 10M5	75,9	800
60 W 4000K 4 Module	FLX 060G 40SD28 1K4 10M4	60,7	778

### 2 meters Opal Diffuser 482 Lumen Package (With Emergency Kit - 1, 3 hrs.)

Product Type	Product Code	Power (W)	Weight (kg)
8 W 4000K 9 Module	FLX 005G 400D43 OK5 O2M9	8,4	336
7,5 W 4000K 8 Module	FLX 004G 400D43 OK5 O2M8	7,5	314
7 W 4000K 7 Module	FLX 003G 400D43 OK5 O2M7	6,6	292
6 W 4000K 6 Module	FLX 003G 400D43 OK5 O2M6	5,6	270
5 W 4000K 5 Module	FLX 002G 400D43 OK5 O2M5	4,7	248
4 W 4000K 4 Module	FLX 002G 400D43 OK5 O2M4	3,7	226

### 5 meters Opal Diffuser 482 Lumen Package

Product Type	Product Code	Power (W)	Weight (kg)
21 W 4000K 9 Module	FLX 022G 400D28 OK5 O5M9	21,1	543
19 W 4000K 8 Module	FLX 019G 400D28 OK5 O5M8	18,8	521
16 W 4000K 7 Module	FLX 015G 400D28 OK5 O5M7	16,4	499
14 W 4000K 6 Module	FLX 014G 400D28 OK5 O5M6	14,1	477
12 W 4000K 5 Module	FLX 012G 400D28 OK5 O5M5	11,7	455
9 W 4000K 4 Module	FLX 009G 400D28 OK5 O5M4	9,4	433

### 10 meters Opal Diffuser 482 Lumen Package

Product Type	Product Code	Power (W)	Weight (kg)
42 W 4000K 9 Module	FLX 044G 400D28 OK5 10M9	42,3	888
38 W 4000K 8 Module	FLX 038G 400D28 OK5 10M8	37,6	866
33 W 4000K 7 Module	FLX 033G 400D28 OK5 10M7	32,9	844
28 W 4000K 6 Module	FLX 028G 400D28 OK5 10M6	28,2	822
23 W 4000K 5 Module	FLX 024G 400D28 OK5 10M5	23,5	800
19 W 4000K 4 Module	FLX 019G 400D28 OK5 10M4	18,8	778

### 2 meters Opal Diffuser 727 Lumen Package

Product Type	Product Code	Power (W)	Weight (kg)
14 W 4000K 9 Module	FLX 007G 400D43 OK7 O2M9	13,6	336
12 W 4000K 8 Module	FLX 006G 400D43 OK7 O2M8	12,1	314
11 W 4000K 7 Module	FLX 005G 400D43 OK7 O2M7	10,6	292
9 W 4000K 6 Module	FLX 004G 400D43 OK7 O2M6	9,1	270
8 W 4000K 5 Module	FLX 003G 400D43 OK7 O2M5	7,6	248
6 W 4000K 4 Module	FLX 003G 400D43 OK7 O2M4	6	226

### 5 meters Opal Diffuser 727 Lumen Package

Product Type	Product Code	Power (W)	Weight (kg)
34 W 4000K 9 Module	FLX 068G 40SD28 1K4 O5M9	34,2	543
30 W 4000K 8 Module	FLX 060G 40SD28 1K4 O5M8	30,4	521
27 W 4000K 7 Module	FLX 052G 40SD28 1K4 O5M7	26,6	499
23 W 4000K 6 Module	FLX 045G 40SD28 1K4 O5M6	22,8	477
19 W 4000K 5 Module	FLX 038G 40SD28 1K4 O5M5	19	455
15 W 4000K 4 Module	FLX 030G 40SD28 1K4 O5M4	15,2	433

### 10 meters Opal Diffuser 727 Lumen Package

Product Type	Product Code	Power (W)	Weight (kg)
68 W 4000K 9 Module	FLX 070G 400D28 OK7 10M9	68,4	888
61 W 4000K 8 Module	FLX 060G 400D28 OK7 10M8	60,8	866
53 W 4000K 7 Module	FLX 053G 400D28 OK7 10M7	53,2	844
46 W 4000K 6 Module	FLX 045G 400D28 OK7 10M6	45,6	822
38 W 4000K 5 Module	FLX 038G 400D28 OK7 10M5	38	800
30 W 4000K 4 Module	FLX 030G 400D28 OK7 10M4	30,4	778

### 2 meters Opal Diffuser 827 Lumen Package (With Emergency Kit - 1, 3 hrs.)

Product Type	Product Code	Power (W)	Weight (kg)
15 W 4000K 9 Module	FLX 008G 400D43 OK8 O2M9	15	336
13 W 4000K 8 Module	FLX 007G 400D43 OK8 O2M8	13,4	314
12 W 4000K 7 Module	FLX 006G 400D43 OK8 O2M7	11,7	292
10 W 4000K 6 Module	FLX 005G 400D43 OK8 O2M6	10	270
8 W 4000K 5 Module	FLX 004G 400D43 OK8 O2M5	8,3	248
7 W 4000K 4 Module	FLX 003G 400D43 OK8 O2M4	6,7	226

### 5 meters Opal Diffuser 827 Lumen Package

Product Type	Product Code	Power (W)	Weight (kg)
38 W 4000K 9 Module	FLX 038G 400D28 OK8 O5M9	37,6	543
34 W 4000K 8 Module	FLX 033G 400D28 OK8 O5M8	33,5	521
29 W 4000K 7 Module	FLX 030G 400D28 OK8 O5M7	29,3	499
25 W 4000K 6 Module	FLX 025G 400D28 OK8 O5M6	25,1	477
21 W 4000K 5 Module	FLX 021G 400D28 OK8 O5M5	21	455
17 W 4000K 4 Module	FLX 017G 400D28 OK8 O5M4	16,7	433

### 10 meters Opal Diffuser 827 Lumen Package

Product Type	Product Code	Power (W)	Weight (kg)
75 W 4000K 9 Module	FLX 075G 400D28 OK8 10M9	75,3	888
67 W 4000K 8 Module	FLX 067G 400D28 OK8 10M8	67	866
59 W 4000K 7 Module	FLX 058G 400D28 OK8 10M7	58,6	844
50 W 4000K 6 Module	FLX 050G 400D28 OK8 10M6	50,2	822
42 W 4000K 5 Module	FLX 042G 400D28 OK8 10M5	41,8	800
34 W 4000K 4 Module	FLX 033G 400D28 OK8 10M4	33,5	778

### 2 meters Opal Diffuser 1406 Lumen Package (With Emergency Kit - 1, 3 hrs.)

Product Type	Product Code	Power (W)	Weight (kg)
27 W 4000K 9 Module	FLX 014G 400D43 1K4 O2M9	27,3	336
24 W 4000K 8 Module	FLX 012G 400D43 1K4 O2M8	24,3	314
21 W 4000K 7 Module	FLX 011G 400D43 1K4 O2M7	21,3	292
18 W 4000K 6 Module	FLX 009G 400D43 1K4 O2M6	18,2	270
15 W 4000K 5 Module	FLX 008G 400D43 1K4 O2M5	15,2	248
12 W 4000K 4 Module	FLX 006G 400D43 1K4 O2M4	12,1	226

### 5 meters Opal Diffuser 1406 Lumen Package

Product Type	Product Code	Power (W)	Weight (kg)
68 W 4000K 9 Module	FLX 068G 400D28 1K4 O5M9	68,4	543
60 W 4000K 8 Module	FLX 060G 400D28 1K4 O5M8	60,8	521
53 W 4000K 7 Module	FLX 052G 400D28 1K4 O5M7	53,2	499
46 W 4000K 6 Module	FLX 045G 400D28 1K4 O5M6	45,6	477
38 W 4000K 5 Module	FLX 038G 400D28 1K4 O5M5	38	455
30 W 4000K 4 Module	FLX 030G 400D28 1K4 O5M4	30,4	433

### 10 meters Opal Diffuser 1406 Lumen Package

Product Type	Product Code	Power (W)	Weight (kg)
137 W 4000K 9 Module	FLX 136G 400D28 1K4 10M9	136,9	888
121 W 4000K 8 Module	FLX 120G 400D28 1K4 10M8	121,7	866
106 W 4000K 7 Module	FLX 105G 400D28 1K4 10M7	106,5	844
91 W 4000K 6 Module	FLX 090G 400D28 1K4 10M6	91,3	822
76 W 4000K 5 Module	FLX 075G 400D28 1K4 10M5	76,1	800
60 W 4000K 4 Module	FLX 060G 400D28 1K4 10M4	60,8	778

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