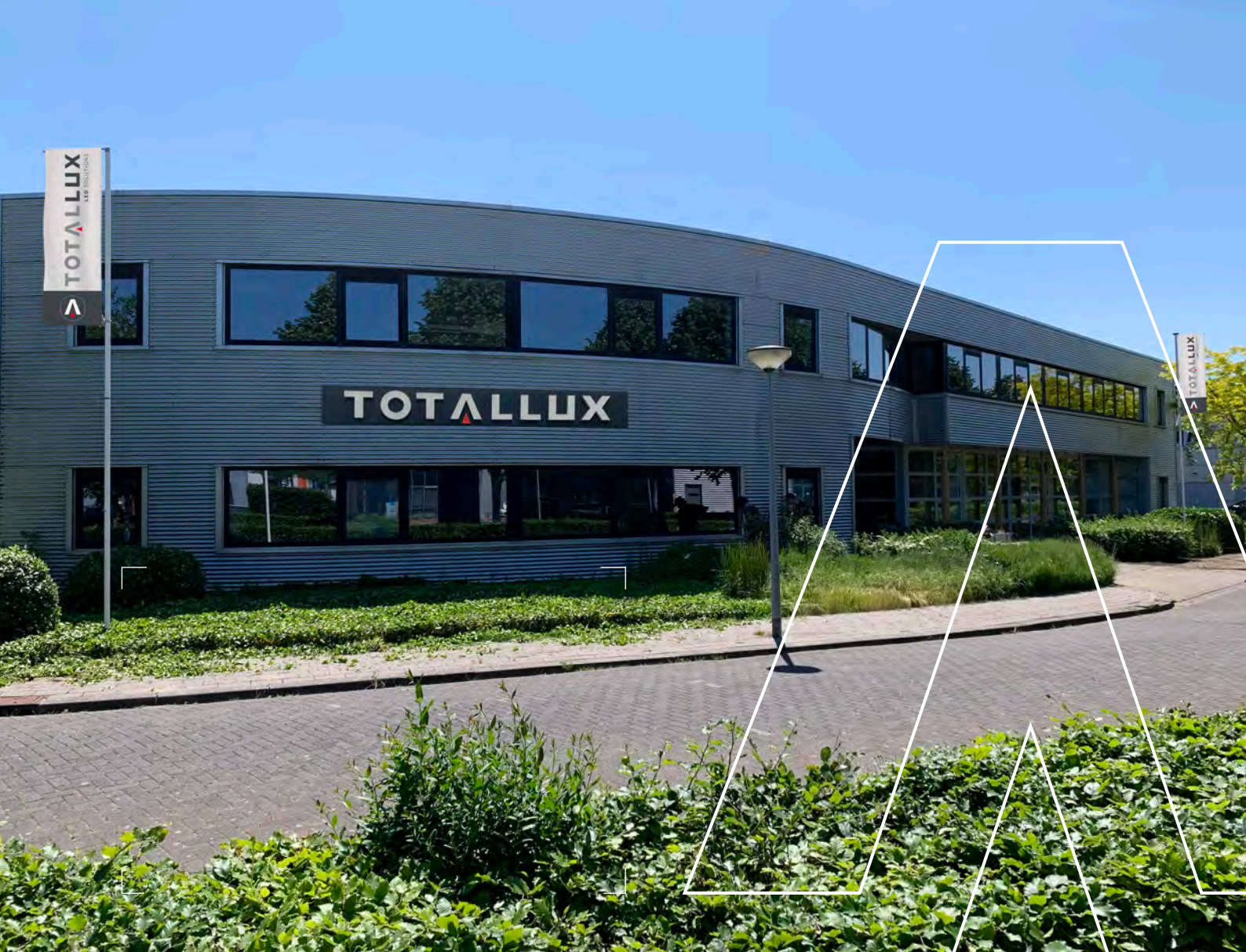


MARINE LED SOLUTIONS



TOTALLUX
MARINE LED SOLUTIONS



Our new HQ. We call it our 'Clubhouse'. A place where we can connect, create and collaborate. Boasting two large showrooms, flexi-work spaces, canteen, and large warehouse, we couldn't be happier with our new home.

Creative and innovative lighting can completely transform the look and feel of a yacht. TOTALLUX works with interior builders and lighting designers to create bespoke lighting solutions capable of enhancing the ambiance of a room with the touch of a button.

Used independently or integrated with the audio-visual entertainment system, our LED lighting solutions can be programmed to set any scene - from party mode to dining, and everything in between.

Our comprehensive range of products offers versatile options for both interior and exterior LED lighting solutions. From the hull to the beach club – we've got it covered.

TOTALLUX B.V.

Annie M.G. Schmidtweg 227/229
1321 NA Almere

+31 (0)36 529 1756

info@totallux.nl

www.totallux.com



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THE TOTALLUX STORY

IT ALL STARTED WITH A DREAM

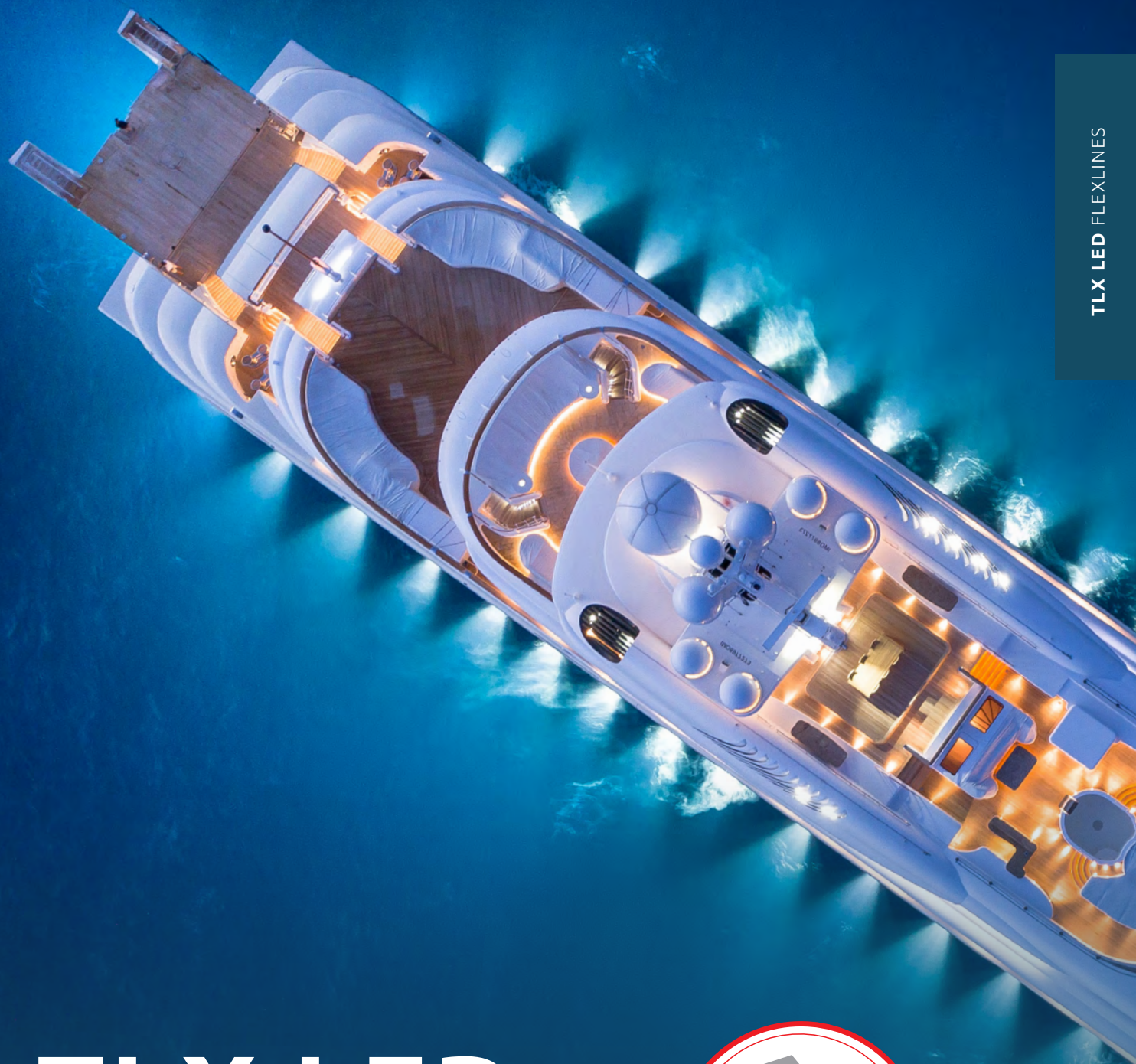
Jan Mark Zumpolle
FOUNDER & CEO

'When I was a child, we often sailed on the Loosdrechtse Plassen lakes and I spent several summers at sailing school at the Kaag. I remember walking on Kaag island with my father next to the Feadship Royal van Lent yard, admiring the amazing superyachts moored outside after their launch. This was my first encounter with these magnificent vessels and I'm delighted to now play my role in the international superyacht family.

As well as being perfectly suited to the tough maritime environment, Totallux's exclusive LED lighting products can be entirely tailored to unique requirements regarding form, colour, brightness and applications as part of a one-of-a-kind solution. We use our knowledge and expertise to create outstanding solutions in terms of both quality and design.

Our goal is to exceed expectations and challenge the norm. With our new developments and the latest LED-technologies, more and more is possible with LED lights, and delight in demonstrating this in practice!'





TLX LED FLEXLINES



TOTALLUX ONLINE

NEW: FLEXLINE ORDERING ASSISTANCE TOOL

Our new Flexline Ordering Assistance Tool will help you assemble the right combination of accessories for your choice of flexline. Download the file on our website and open it in your spreadsheet software. Make sure to inspect all the columns marked with a red diamond shape. ♦

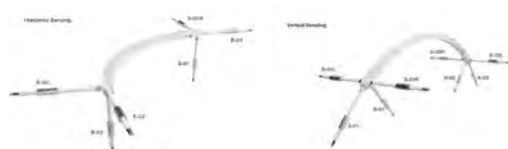
- Step 1:** [Green cells] Choose one TOTALLUX Flexline type.
- Step 2:** [Green cells] Specify desired CTT, Material and Type of Injection Moulded Connector.
- Step 3:** [Orange cells] Input the required lengths in millimeters.
- The form will calculate the 'closest' cut length as well as longer and shorter lengths for reference.
- Choose your desired final cutting length.
- Step 4:** [Yellow cells] Specify how many pieces you need.
- Step 5:** [Blue cells] Select the desired location of the connector and the desired cable length.
- Step 6:** [Purple cells] If necessary, input other requirements.

If you need more than one product type, please copy the sheet 'Ordering_Form_1' and repeat the steps above.

- Step 7:** Save the file and send it to your TOTALLUX representative.

TOTALLUX
MARINE LED SOLUTIONS

1) Use one sheet per Flexline version - Duplicate the Ordering sheet	
2) Choose the product - and color temperature	
3) Fill in columns with red dot. ♦	
Select Product Type	TLX8-24V-Single Color-VB
Cutting Measurement (mm)	
Color/Color Temperature	4000K
Select material	PVC
Size (for White colour only)	50
Injection Moulded Options	IP67 (standard injection moulded)



Injection Moulded Connector Options

End Entry	E	0.3m
Bottom Entry	B	1m
01 Right Side Entry	S-01R	3m
02 Left Side Entry	S-02L	5m
01 Left Side Entry (for VB)	S-01L	10m
02 Right Side Entry (for VB)	S-02R	15m
End Cap (no need cable)	EC #2	N/A (for End Cap)

Injection Moulded Options

IP65 (standard injection moulded) for TLX8	Outdoor Rated
IP40 only for TLX8	Indoor Rated
IP67 (standard injection moulded)	Outdoor Rated
IP68 (dual injection moulded)	Underwater Rated

LabelRef# (if necessary)	Cutting Measurement (mm)	Length Required (mm)	Length Required (m)	# of Cutting Measures	Closest Length to be Supplied (mm)	# of pieces	Actual Total Length (m)	Injection Moulded Connector for 01 End	Cable Length for 01 End	Injection Moulded Connector for 02 End	Cable Length for 02 End	Final length incl. injection and endcap (m)	Other Requirements (if necessary)	Price Flexline	Price injected endcap
	83.33	0.000	0	0	0.000	0	0.000					0			
	83.33	0.000	0	0	0.000	0	0.000					0			
	83.33	0.000	0	0	0.000	0	0.000					0			
	83.33	0.000	0	0	0.000	0	0.000					0			
	83.33	0.000	0	0	0.000	0	0.000					0			
	83.33	0.000	0	0	0.000	0	0.000					0			
	83.33	0.000	0	0	0.000	0	0.000					0			
	83.33	0.000	0	0	0.000	0	0.000					0			
	83.33	0.000	0	0	0.000	0	0.000					0			
	83.33	0.000	0	0	0.000	0	0.000					0			
	83.33	0.000	0	0	0.000	0	0.000					0			
	83.33	0.000	0	0	0.000	0	0.000					0			
	83.33	0.000	0	0	0.000	0	0.000					0			
Grand Total		0.0				0.0	0.000							€	€

PRODUCT SUPPORT



Scan the QR code to view our product support page which includes informative and instructional videos, data sheets and other downloads regarding our products.



TOTALLUX INNOVATION

SILICONE INJECTION MOULDED MACHINE

EXCLUSIVE TO TOTALLUX

Our new Silicone Injection Moulding Machine gives us the possibility to offer in-house flexline customization to our customers with a fast and efficient turnaround.

For more info, contact
info@totallux.com

NEW

THE ONLY
FACILITY OF
IT'S KIND
IN EUROPE!



TLX SHORTCUTTING SERIES

Our DAME Award nominated TLX LED Shortcutting series is a much more sustainable neon flex lighting option that can be cut as close as 2 or 3 LEDs, allowing more creativity in lighting designs and reducing shadow issues in corners. It also gives more flexibility to installers and, most importantly, massively reduces cutting waste.



SAMPLE CASES

A perfect way to demonstrate our product range.
Get in touch with us to order yours today!

Email: info@totallux.com



INDEX TLX FLEXLINES



10 x 10mm

SHORTCUTTING | SILICONE | PVC |
BLACK | CONNECTORS & ENDCAPS
MOUNTING PROFILES



9 x 18 mm

SHORTCUTTING | SILICONE | PVC
CONNECTORS & ENDCAPS
MOUNTING PROFILES



11.5 x 21 mm

SHORTCUTTING | SILICONE | PVC
CONNECTORS & ENDCAPS
MOUNTING PROFILES



15.5 x 6mm

SILICONE | PVC
CONNECTORS & ENDCAPS
MOUNTING PROFILES



17 x 16mm

SHORTCUTTING | SILICONE | PVC |
BLACK | CONNECTORS & ENDCAPS
MOUNTING PROFILES



TLX11 – 11.5 x 26mm

TLX21 – 11.5 x 29mm

PVC ONLY

**available on request*





TLX 8



TLX8 SHORTCUTTING



MIN. CUTTING LENGTH
20.83mm/
3 LEDs



Flame
Resistant



UV
Resistant



Solvents
Resistant



Saltwater
Resistant



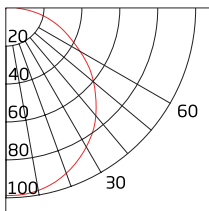
IP67
Protection



Dimmable



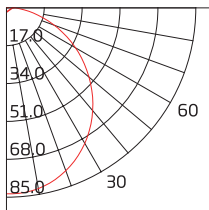
IK07
Protection



VB

UNIT: cd
— C90/270

AVERAGE BEAM ANGLE
(50%): 111.6°

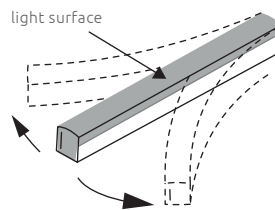


HB

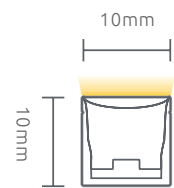
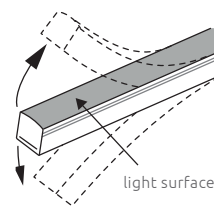
UNIT: cd
— C90/270

AVERAGE BEAM ANGLE
(50%): 105.9°

Horizontal bending, Curve



Vertical bending, Wave



Bending-extreme

1174 times (VB) | 764 times (HB)



Tensile-instantaneous

>40kg.f



Twist-extreme

6861 times (VB) | 7878 times (HB)

Warning: Extreme Destructive Tests in laboratory only, and it's forbidden to operate in practice.



Min. Bending Diameter
100mm



Min. Cutting Length
20.83mm, 3 LEDs

NOTE:

1. The illuminated light length shall be an integral multiple of min. cutting length.
2. The waterproof reliability of the lighting fixture depends on the IP rating of connector, and please make sure connector is properly assembled before installation. The highest IP rating we can achieve is IP67.



Ambient Working
Temperature
≤4.5W/m -40 ~55°C
/-40~113°F



Ambient Installation Temperature
-40 ~ 50°C /-40~122°F



Storage Temperature
-40 ~ 60°C /-40~140°F



Max. Mounting Surface Temperature
85°C /185°F



Constant Voltage
DC24V

***TLX8 can be customized to your specifications with custom lengths, color temperature and CRI rating.**



ELECTRICAL PARAMETERS

Voltage (V)	DC24V
Current (mA/m)	187.5
Power (W/m)	4.5
Circuit Type	CV
LED Type	2835
LEDs Qty/m	144
LEDs Qty/unit	3
Unit/m	48
Min. Cutting Length (mm)	20.83



OPTICAL PARAMETERS

**CRI 95 available on request*

	FINISHED PRODUCT						LED	
	CCT	CCT Tolerance	Color Tolerance	CRI	Power	Lumen/m	Color Tolerance	CRI
VERTICAL BENDING	2200K	2238±66K	<5SDCM	80	4.5W/m	180lm	<2.3SDCM	82~87
VERTICAL BENDING	2700K	2725±85K	<5SDCM	90	4.5W/m	180lm	<2.3SDCM	91~97
VERTICAL BENDING	3000K	3045±105K	<5SDCM	90	4.5W/m	180lm	<2.3SDCM	91~97
VERTICAL BENDING	3500K	3465±245K	<5SDCM	90	4.5W/m	180lm	<2.3SDCM	91~97
VERTICAL BENDING	4000K	3985±150K	<5SDCM	90	4.5W/m	180lm	<2.3SDCM	91~97
VERTICAL BENDING	2700K	2725±145K	<5SDCM	90	9W/m	290lm	<2.3SDCM	96~99
HORIZONTAL BENDING	2200K	2725±85K	<5SDCM	80	4.5W/m	170lm	<2.3SDCM	91~97
HORIZONTAL BENDING	2700K	2725±85K	<5SDCM	90	4.5W/m	170lm	<2.3SDCM	91~97
HORIZONTAL BENDING	3000K	3045±105K	<5SDCM	90	4.5W/m	170lm	<2.3SDCM	91~97
HORIZONTAL BENDING	3500K	3465±245K	<5SDCM	90	4.5W/m	170lm	<2.3SDCM	91~97
HORIZONTAL BENDING	4000K	3985±150K	<5SDCM	90	4.5W/m	170lm	<2.3SDCM	91~97
HORIZONTAL BENDING	2700K	2725±145K	<5SDCM	90	9W/m	260lm	<2.3SDCM	96~99

MAX. RUNNING LENGTHS Input: DC24V

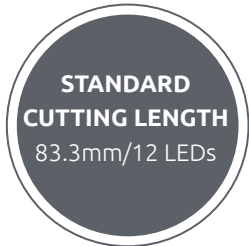
CONNECTOR TYPE	SINGLE-END FEED		DOUBLE-END FEED	
	4.5W	9W	4.5W	9W
Swivel Connector (IP20)	10m	5m	20m	10m
Silicone Injection-moulded Connector (IP67)	15m	7.5m	30m	15m



TLX8 SILICONE

***Also available in PVC**

See pg 16-17 for full product list



Flame
Resistant



UV
Resistant



Solvents
Resistant



Saltwater
Resistant



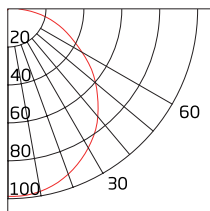
IP67
Protection



Dimmable



IK07
Protection

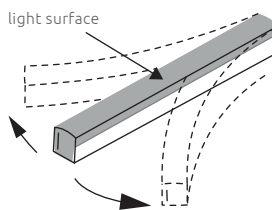


VB

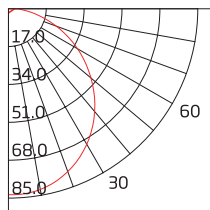
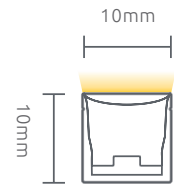
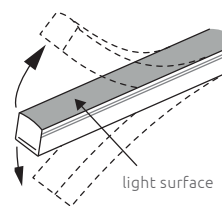
UNIT: cd
— C90/270

AVERAGE BEAM ANGLE
(50%): 111.6°

Horizontal bending, Curve



Vertical bending, Wave



HB

UNIT: cd
— C90/270

AVERAGE BEAM ANGLE
(50%): 105.9°



Bending-extreme

1174 times (VB) | 764 times (HB)



Tensile-instantaneous

>40kg.F



Twist-extreme

6861 times (VB) | 7878 times (HB)

Warning: Extreme Destructive Tests in laboratory only, and it's forbidden to operate in practice.



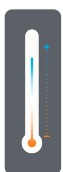
Min. Bending Diameter
100mm



Min. Cutting Length
83.3mm, 12LEDs

NOTE:

1. The illuminated light length shall be an integral multiple of min. cutting length.
2. The waterproof reliability of the lighting fixture depends on the IP rating of connector, and please make sure connector is properly assembled before installation. The highest IP rating we can achieve is IP67.



Ambient Working
Temperature
≤4.5W/m -40 ~55°C
/-40~113°F



Ambient Installation Temperature
-40 ~ 50°C /-40~122°F



Storage Temperature
-40 ~ 60°C /-40~140°F



Max. Mounting Surface Temperature
85°C /185°F



Constant Voltage
DC24V

***TLX8 can be customized to your specifications with custom lengths, color temperature and CRI rating.**



ELECTRICAL PARAMETERS

Voltage (V)	DC24V
Current (mA/m)	187.5
Power (W/m)	4.5 <i>*9W/m available on request</i>
Circuit Type	CV
LED Type	3015
LEDs Qty/m	144
LEDs Qty/unit	12
Unit/m	12
Min. Cutting Length (mm)	83.3

OPTICAL PARAMETERS

**CRI 95 available on request*

	FINISHED PRODUCT						LED	
	CCT	CCT Tolerance	Color Tolerance	CRI	Power	Lumen/m	Color Tolerance	CRI
VERTICAL BENDING	 2200K	2238±66K	<5SDCM	80	4.5W/m	180lm	<2.3SDCM	82~87
VERTICAL BENDING	 2700K	2725±85K	<5SDCM	90	4.5W/m	180lm	<2.3SDCM	91~97
VERTICAL BENDING	 3000K	3045±105K	<5SDCM	90	4.5W/m	180lm	<2.3SDCM	91~97
VERTICAL BENDING	 3500K	3465±245K	<5SDCM	90	4.5W/m	180lm	<2.3SDCM	91~97
VERTICAL BENDING	 4000K	3985±150K	<5SDCM	90	4.5W/m	180lm	<2.3SDCM	91~97
VERTICAL BENDING	 2700K	2725±145K	<5SDCM	90	9W/m	290lm	<2.3SDCM	96~99
HORIZONTAL BENDING	 2200K	2725±85K	<5SDCM	80	4.5W/m	170lm	<2.3SDCM	82~87
HORIZONTAL BENDING	 2700K	2725±85K	<5SDCM	90	4.5W/m	170lm	<2.3SDCM	91~97
HORIZONTAL BENDING	 3000K	3045±105K	<5SDCM	90	4.5W/m	170lm	<2.3SDCM	91~97
HORIZONTAL BENDING	 3500K	3465±245K	<5SDCM	90	4.5W/m	170lm	<2.3SDCM	91~97
HORIZONTAL BENDING	 4000K	3985±150K	<5SDCM	90	4.5W/m	170lm	<2.3SDCM	91~97
HORIZONTAL BENDING	 2700K	2725±145K	<5SDCM	90	9W/m	260lm	<2.3SDCM	96~99

MAX. RUNNING LENGTHS Input: DC24V

CONNECTOR TYPE	SINGLE-END FEED		DOUBLE-END FEED	
	4.5W	9W	4.5W	9W
Swivel Connector (IP20)	10m	5m	20m	10m
Silicone Injection-moulded Connector (IP67)	15m	7.5m	30m	15m



TLX8 BLACK

NEW

**Only available in PVC*



Flame
Resistant



UV
Resistant



Solvents
Resistant



Saltwater
Resistant



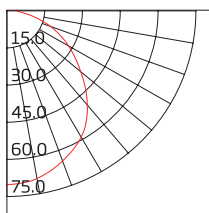
IP67
Protection



Dimmable



IK07
Protection

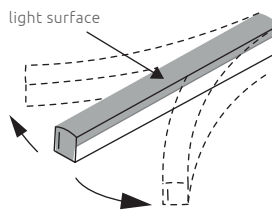


VB

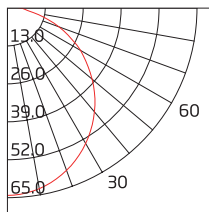
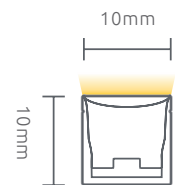
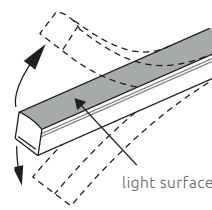
UNIT: cd
— C90/270

AVERAGE BEAM ANGLE
(50%): 109.9°

Horizontal bending, Curve



Vertical bending, Wave



HB

UNIT: cd
— C90/270

AVERAGE BEAM ANGLE
(50%): 111.7°



Bending-extreme

1183 times (VB) | 1159 times (HB)



Tensile-instantaneous

38.262kg.f (VB) | 19.584kg.f (HB)



Twist-extreme

3435 times (VB) | 2515 times (HB)

Warning: Extreme Destructive Tests in laboratory only, and it's forbidden to operate in practice.



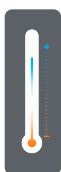
Min. Bending Diameter
100mm



Min. Cutting Length
83.3mm, 12LEDs

NOTE:

1. The illuminated light length shall be an integral multiple of min. cutting length.
2. The waterproof reliability of the lighting fixture depends on the IP rating of connector, and please make sure connector is properly assembled before installation. The highest IP rating we can achieve is IP67.



Ambient Working
Temperature
≤4.5W/m -20 ~45°C
/-4~113°F



Ambient Installation Temperature
0 ~ 45°C /32~113°F



Storage Temperature
-20 ~ 60°C /-4~140°F



Max. Mounting Surface Temperature
60°C /140°F



Constant Voltage
DC24V

***TLX8 can be customized to your specifications with custom lengths, color temperature and CRI rating.**

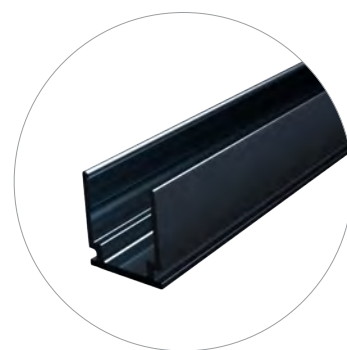
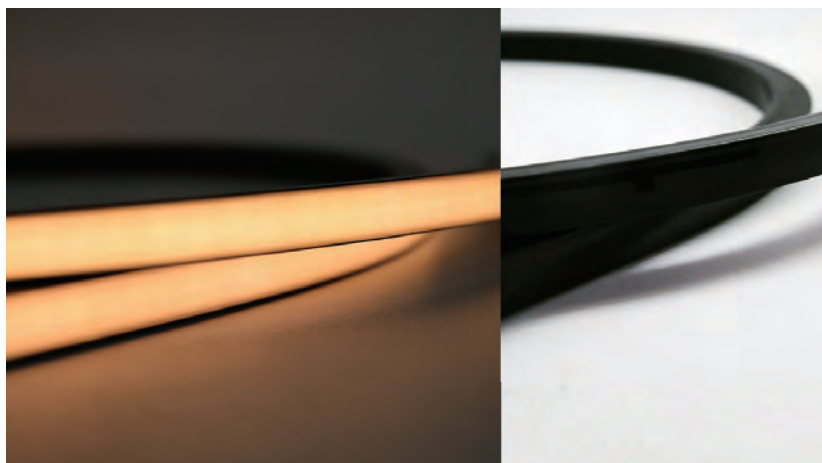


ELECTRICAL PARAMETERS

Voltage (V)	DC24V
Current (mA/m)	187.5
Power (W/m)	4.5
Circuit Type	CV
LED Type	3015
LEDs Qty/m	144
LEDs Qty/unit	12
Unit/m	12
Min. Cutting Length (mm)	83.3

OPTICAL PARAMETERS

	FINISHED PRODUCT						LED	
	CCT	CCT Tolerance	Color Tolerance	CRI	Power	Lumen/m	Color Tolerance	CRI
HORIZONTAL BENDING	2200K	2238±102K	≤6SDCM	80	4.5W/m	10lm/m	≤3SDCM	80
HORIZONTAL BENDING	2700K	2725±145K	≤6SDCM	80	4.5W/m	10lm/m	≤3SDCM	80



MAX. RUNNING LENGTHS Input: DC24V

CONNECTOR TYPE	SINGLE-END FEED	DOUBLE-END FEED
Swivel Connector (IP20)	10m	20m
PVC Injection-moulded Connector (IP67)	10m	20m



TLX8 PRODUCT LIST

TLX8 SILICONE – SHORTCUTTING



TLX Code	CCT	CCT tolerance	Bend	CRI	Lumen/m	Power	Leds/m	Voltage	Cutting mm
50.02.1610	2700K	2725±85K	HB	>90	170lm	4.5W/m	144	DC24V	20.83mm
50.02.1630	3000K	3045±105K	HB	>90	170lm	4.5W/m	144	DC24V	20.83mm
50.02.1660	2700K	2725±85K	HB	>90	420lm	9W/m	144	DC24V	20.83mm
50.02.1600	2700K	2725±85K	VB	>90	180lm	4.5W/m	144	DC24V	20.83mm
50.02.1620	3000K	3045±105K	VB	>90	180lm	4.5W/m	144	DC24V	20.83mm
50.02.1665	2700K	2725±85K	VB	>90	420lm	9W/m	144	DC24V	20.83mm

TLX8 SILICONE – STANDARD CUTTING

TLX Code	CCT	CCT tolerance	Bend	CRI	Lumen/m	Power	Leds/m	Voltage	Cutting mm
50.02.1351	2200K	2238±66K	HB	>80	185lm	4.5W/m	144	DC24V	83.3mm
50.02.1352	2700K	2725±85K	HB	>90	170lm	4.5W/m	144	DC24V	83.3mm
50.02.1353	3000K	3045±105K	HB	>90	170lm	4.5W/m	144	DC24V	83.3mm
50.02.1354	3500K	3465±245K	HB	>90	170lm	4.5W/m	144	DC24V	83.3mm
50.02.1355	4000K	3985±150K	HB	>90	170lm	4.5W/m	144	DC24V	83.3mm
50.02.1372	2700K	2725±145K	HB	>90	260lm	9W/m	144	DC24V	83.3mm
50.02.1026	RED	–	HB	–	>80lm	4.5W/m	144	DC24V	83.3mm
50.02.1386	DYNAMIC WHITE (2 WIRE)	1900–6400K	HB	>80	190–240lm	6W/m	280	DC24V	50mm
50.02.1360	2200K	2238±66K	VB	>80	195lm	4.5W/m	144	DC24V	83.3mm
50.02.1362	2700K	2725±85K	VB	>90	180lm	4.5W/m	144	DC24V	83.3mm
50.02.1363	3000K	3045±105K	VB	>90	180lm	4.5W/m	144	DC24V	83.3mm
50.02.1364	3500K	3465±245K	VB	>90	180lm	4.5W/m	144	DC24V	83.3mm
50.02.1365	4000K	3985±150K	VB	>90	180lm	4.5W/m	144	DC24V	83.3mm
50.02.1372	2700K	2725±145K	VB	>90	290lm	9W/m	144	DC24V	83.3mm
50.02.1026	RED	–	VB	–	>50lm	4.5W/m	144	DC24V	83.3mm
50.02.1380	DYNAMIC WHITE	2200–5700K	VB	>90	>280lm	4.5W/m	140	DC24V	50mm
50.02.1385	DYNAMIC WHITE (2 WIRE)	1900–7100K	VB	>80	190–240lm	6W/m	280	DC24V	50mm

*TLX8 can be customized to your specifications with custom lengths, color temperature and CRI rating.



TLX8 PVC – STANDARD CUTTING

TLX Code	CCT	CCT tolerance	Bend	CRI	Lumen/m	Power	Leds/m	Voltage	Cutting mm
50.02.0990	2200K	2238±102K	HB	>80	>140lm	4.5W/m	144	DC24V	83.3mm
50.02.1000	2700K	2725±145K	HB	>90	>170lm	4.5W/m	144	DC24V	83.3mm
50.02.1001	3000K	3045±175K	HB	>90	>170lm	4.5W/m	144	DC24V	83.3mm
50.02.1002	3500K	3465±245K	HB	>90	>170lm	4.5W/m	144	DC24V	83.3mm
50.02.1003	4000K	3985±275K	HB	>90	>170lm	4.5W/m	144	DC24V	83.3mm
50.02.1025	RED	–	HB	–	>50lm	4.5W/m	144	DC24V	83.3mm
50.02.1015	2200K	2238±102K	VB	>80	>140lm	4.5W/m	144	DC24V	83.3mm
50.02.1010	2700K	2725±145K	VB	>90	140lm	4.5W/m	144	DC24V	83.3mm
50.02.1011	3000K	3045±175K	VB	>90	140lm	4.5W/m	144	DC24V	83.3mm
50.02.1012	3500K	3465±245K	VB	>90	140lm	4.5W/m	144	DC24V	83.3mm
50.02.1013	4000K	3985±275K	VB	>90	140lm	4.5W/m	144	DC24V	83.3mm
50.02.1020	RED	–	VB	–	>50lm	4.5W/m	144	DC24V	83.3mm
50.02.1022	BLACK 2700K		VB	>90		4.5W/m	144	DC24V	83.3mm
50.02.1029	BLACK 3000K		VB	>90		4.5W/m	144	DC24V	83.3mm
50.02.1027	BLACK 2700K		HB	>90		4.5W/m	144	DC24V	83.3mm
50.02.1028	BLACK 3000K		HB	>90		4.5W/m	144	DC24V	83.3mm

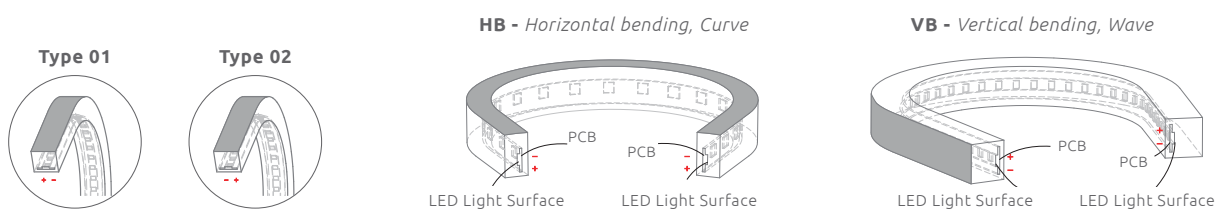


TLX8

CONNECTORS & ENDCAPS

TYPE 01 OR TYPE 02

There are 01 and 02 marks on the Flexlines and Field Assembled Connectors. Since the PCB is not centralized and pins are separated for positive and negative, the 01-pin connector can only fit into 01 end marks on the Flexline. Likewise for the 02-pin connector.



SWIVEL CONNECTOR (IP20) — D.I.Y



50.15.0605

HB SWIVEL connector, Top End, type 1, 30cm cable

50.15.0606

HB SWIVEL connector, Top End, type 2, 30cm cable

50.15.0607

HB SWIVEL connector, Top End, type 1, 100cm cable

50.15.0608

HB SWIVEL connector, Top End, type 2, 100cm cable

50.15.0625

VB SWIVEL connector, Top End, type 1, 30cm cable

50.15.0626

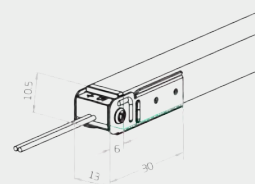
VB SWIVEL connector, Top End, type 2, 30cm cable

50.15.0627

VB SWIVEL connector, Top End, type 1, 100cm cable

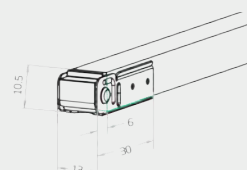
50.15.0628

VB SWIVEL connector, Top End, type 2, 100cm cable

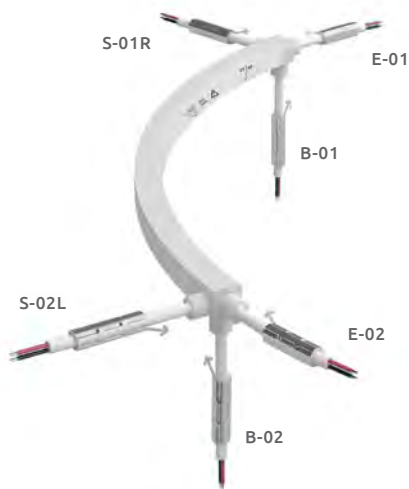


50.15.0615

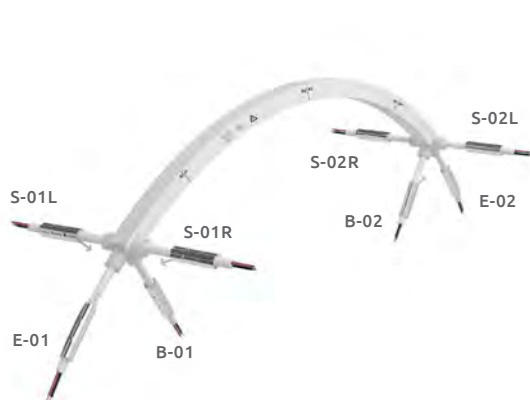
SWIVEL connector, Endcap, IP20



HORIZONTAL BENDING

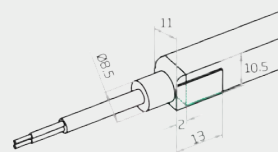


VERTICAL BENDING

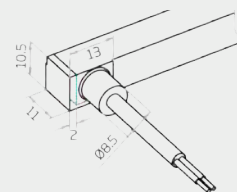


INJECTION MOULDED CONNECTOR (SILICONE IP67 / PVC IP65)

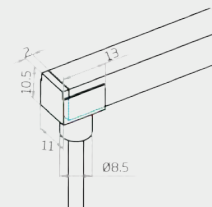
Type	Front Connector – END
Code	E01 E02



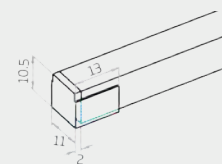
Type	Front Connector – SIDE
Code	S01 S02



Type Front Connector – BOTTOM
Code B01 | B02



Type	End Cap
Code	EC



TLX8

MOUNTING PROFILES

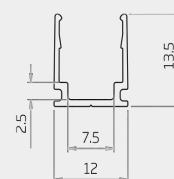


50.16.0640

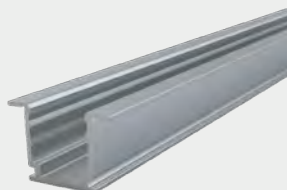
Aluminium Profile – 1000mm

50.16.0641

Aluminium Profile – 2000mm



Tolerance: $\pm 0.2\text{mm}$

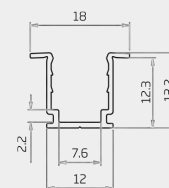


50.16.0647

Flange Aluminium Profile – 1000mm

50.16.0648

Flange Aluminium Profile – 2000mm



Tolerance: $\pm 0.2\text{mm}$

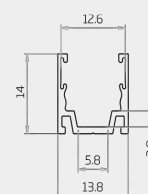


50.16.0825

Serrated Aluminium Profile – 1000mm

50.16.0826

Serrated Aluminium Profile – 2000mm



Tolerance: $\pm 0.2\text{mm}$

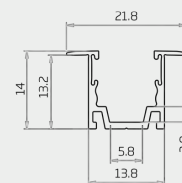


50.16.0820

Flange Serrated Aluminium Profile – 1000mm

50.16.0821

Flange Serrated Aluminium Profile – 2000mm



Tolerance: $\pm 0.2\text{mm}$

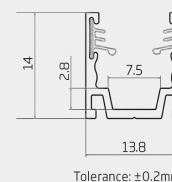


50.16.0830

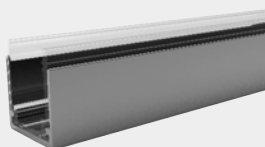
Bendable Serrated Aluminium Profile – 500mm

50.16.0831

Bendable Serrated Aluminium Profile – 1000mm



Tolerance: $\pm 0.2\text{mm}$

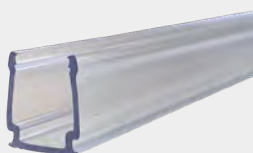
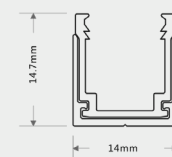


50.16.0645

Hybrid profile – 1000mm

50.16.0646

Hybrid profile – 2000mm

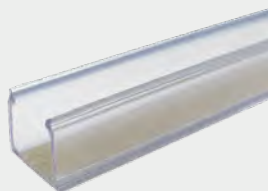
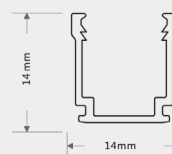


50.16.0800

Polycarbonate Transparent Profile – 1000mm

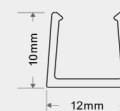
50.16.0810

Polycarbonate Transparent Profile – 2000mm



50.03.3055

Polycarbonate Transparent Profile – 1500mm

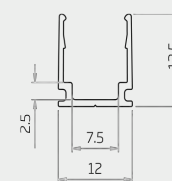


50.16.0801

White Plastic Profile – 1000mm

50.16.0811

White Plastic Profile – 2000mm



Tolerance: $\pm 0.2\text{mm}$

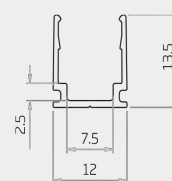


50.16.0638

Black Aluminium Profile – 1000mm

50.16.0639

Black Aluminium Profile – 2000mm



Tolerance: $\pm 0.2\text{mm}$





TLX 10



TLX10 SHORTCUTTING



Flame
Resistant



UV
Resistant



Solvents
Resistant



Saltwater
Resistant



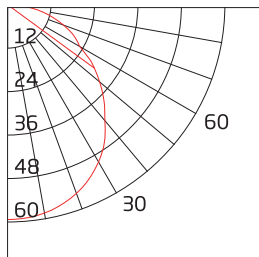
IP67
Protection



Dimmable



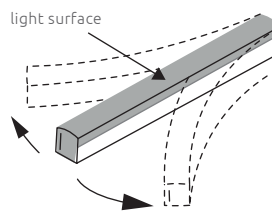
IK08
Protection



AVERAGE BEAM ANGLE
(50%): 108.8°

UNIT: cd
— C90/270

Horizontal bending, Curve



Bending-extreme
1870 times



Tensile-instantaneous
>40kg.f



Twist-extreme
4025 times

***Only in
Horizontal
Bending**

Warning: Extreme Destructive Tests in laboratory only, and it's forbidden to operate in practice.



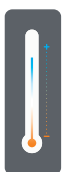
Min. Bending Diameter
90mm



Min. Cutting Length
27.78mm, 6 LEDs

NOTE:

1. The illuminated light length shall be an integral multiple of min. cutting length.
2. The waterproof reliability of the lighting fixture depends on the IP rating of connector, and please make sure connector is properly assembled before installation. The highest IP rating we can achieve is IP67.



Ambient Working
Temperature
≤4.5W/m -40 ~55°C
/-40~113°F



Ambient Installation Temperature
-40 ~ 50°C /-40~122°F



Storage Temperature
-40 ~ 60°C /-40~140°F



Max. Mounting Surface Temperature
85°C /185°F



Constant Voltage
DC24V

*TLX10 can be customized to your specifications with custom lengths, color temperature and CRI rating.



ELECTRICAL PARAMETERS

Voltage (V)	DC24V
Current (mA/m)	187.5
Power (W/m)	4.5
Circuit Type	CV
LED Type	2835
LEDs Qty/m	72
LEDs Qty/unit	2
Unit/m	36
Min. Cutting Length (mm)	27,78



OPTICAL PARAMETERS

**CRI 95 available on request*

	FINISHED PRODUCT						LED	
	CCT	CCT Tolerance	Color Tolerance	CRI	Power	Lumen/m	Color Tolerance	CRI
HORIZONTAL BENDING 	2700K	2725±145K	<5SDCM	90	4.5W/m	105lm	<2.3SDCM	91~97
HORIZONTAL BENDING 	3000K	3045±175K	<5SDCM	90	4.5W/m	105lm	<2.3SDCM	91~97
HORIZONTAL BENDING 	4000K	3985±275K	<5SDCM	90	4.5W/m	105lm	<2.3SDCM	91~97

MAX. RUNNING LENGTHS

CONNECTOR TYPE	SINGLE-END FEED	DOUBLE-END FEED
Swivel Connector (IP20)	15m	30m
Snap Connector (IP67)	30m	60m
Silicone Injection-moulded Connector (IP68)	30m	60m



TLX10 SILICONE

***Also available in PVC**

See pg 28-29 for full product list



Flame
Resistant



UV
Resistant



Solvents
Resistant



Saltwater
Resistant



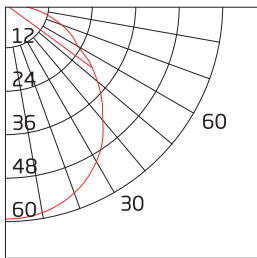
IP67
Protection



Dimmable

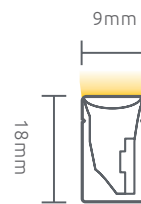
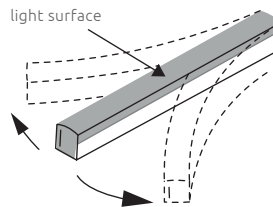


IK08
Protection



AVERAGE BEAM ANGLE
(50%): 108.8°

Horizontal bending, Curve



Bending-extreme
1870 times



Tensile-instantaneous
>40kg.f



Twist-extreme
4025 times

***Only in
Horizontal
Bending**

Warning: Extreme Destructive Tests in laboratory only, and it's forbidden to operate in practice.



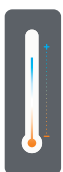
Min. Bending Diameter
90mm



Min. Cutting Length
83.3mm, 12 LEDs

NOTE:

1. The illuminated light length shall be an integral multiple of min. cutting length.
2. The waterproof reliability of the lighting fixture depends on the IP rating of connector, and please make sure connector is properly assembled before installation. The highest IP rating we can achieve is IP67.



Ambient Working
Temperature
≤4.5W/m -40 ~55°C
/-40~113°F



Ambient Installation Temperature
-40 ~ 50°C /-40~122°F



Max. Mounting Surface Temperature
85°C /185°F



Storage Temperature
-40 ~ 60°C /-40~140°F



Constant Voltage
DC24V

***TLX10 can be customized to your specifications with custom lengths, color temperature and CRI rating.**



ELECTRICAL PARAMETERS

Voltage (V)	DC24V	<i>*12V available on request</i>
Current (mA/m)	187.5	
Power (W/m)	4.5	
Circuit Type	CV	
LED Type	2835	
LEDs Qty/m	72	
LEDs Qty/unit	6	
Unit/m	12	
Min. Cutting Length (mm)	83.3	

OPTICAL PARAMETERS

**CRI 95 available on request*

	FINISHED PRODUCT						LED	
	CCT	CCT Tolerance	Color Tolerance	CRI	Power	Lumen/m	Color Tolerance	CRI
HORIZONTAL BENDING 	2200K	2238±102K	<5SDCM	80	4.5W/m	110lm	<2.3SDCM	82~87
HORIZONTAL BENDING 	2700K	2725±145K	<5SDCM	90	4.5W/m	105lm	<2.3SDCM	91~97
HORIZONTAL BENDING 	3000K	3045±175K	<5SDCM	90	4.5W/m	105lm	<2.3SDCM	91~97
HORIZONTAL BENDING 	3500K	3465±245K	<5SDCM	90	4.5W/m	105lm	<2.3SDCM	91~97
HORIZONTAL BENDING 	4000K	3985±275K	<5SDCM	90	4.5W/m	105lm	<2.3SDCM	91~97

MAX. RUNNING LENGTHS

CONNECTOR TYPE	SINGLE-END FEED	DOUBLE-END FEED
Swivel Connector (IP20)	15m	30m
Snap Connector (IP67)	30m	60m
Silicone Injection-moulded Connector (IP68)	30m	60m



TLX10 PRODUCT LIST

TLX10 SILICONE – SHORTCUTTING



TLX Code	CCT	CCT tolerance	Bend	CRI	Lumen/m	Power	Leds/m	Voltage	Cutting mm
50.02.1407	2200K	2238±102K	HB	>90	105lm	4.5W/m	72	DC24V	27.78mm
50.02.1408	2700K	2725±145K	HB	>90	105lm	4.5W/m	72	DC24V	27.78mm
50.02.1409	3000K	3045±175K	HB	>90	105lm	4.5W/m	72	DC24V	27.78mm
50.02.1410	3500K	3465±245K	HB	>90	105lm	4.5W/m	72	DC24V	27.78mm
50.02.1411	4000K	3985±275K	HB	>90	105lm	4.5W/m	72	DC24V	27.78mm

TLX10 SILICONE – STANDARD CUTTING

TLX Code	CCT	CCT tolerance	Bend	CRI	Lumen/m	Power	Leds/m	Voltage	Cutting mm
50.02.1401	2200K	2238±102K	HB	>80	110lm	4.5W/m	72	DC24V	83.3mm
50.02.1402	2700K	2725±145K	HB	>90	105lm	4.5W/m	72	DC24V	83.3mm
50.02.1403	3000K	3045±175K	HB	>90	105lm	4.5W/m	72	DC24V	83.3mm
50.02.1404	3500K	3465±245K	HB	>90	105lm	4.5W/m	72	DC24V	83.3mm
50.02.1406	4000K	3985±275K	HB	>90	105lm	4.5W/m	72	DC24V	83.3mm
50.02.1425	RED	–	HB	–	>50lm	3.5W/m	72	DC24V	125mm

TLX10 PVC – STANDARD CUTTING

TLX Code	CCT	CCT tolerance	Bend	CRI	Lumen/m	Power	Leds/m	Voltage	Cutting mm
50.02.0532	2200K	2238±102K	HB	>80	110lm	4.5W/m	72	DC24V	83.3mm
50.02.0511	2700K	2725±145K	HB	>90	105lm	4.5W/m	72	DC24V	83.3mm
50.02.0505	3000K	3045±175K	HB	>90	105lm	4.5W/m	72	DC24V	83.3mm
50.02.0510	3500K	3465±245K	HB	>90	105lm	4.5W/m	72	DC24V	83.3mm
50.02.0506	4000K	3985±275K	HB	>90	105lm	4.5W/m	72	DC24V	83.3mm
50.02.0530	RED	–	HB	–	>50lm	3.5W/m	72	DC24V	83.3mm
50.02.0531	RED	–	HB	–	>50lm	4.5W/m	72	DC24V	83.3mm

*TLX10 can be customized to your specifications with custom lengths, color temperature and CRI rating.



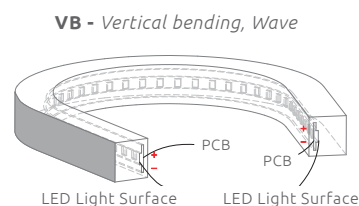
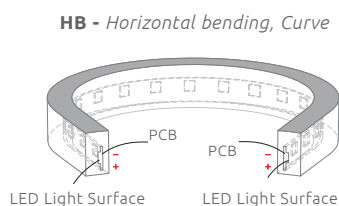
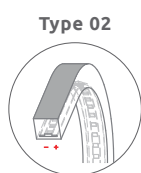
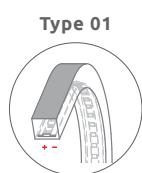


TLX10

CONNECTORS & ENDCAPS

TYPE 01 OR TYPE 02

There are 01 and 02 marks on the Flexlines and Field Assembled Connectors. Since the PCB is not centralized and pins are separated for positive and negative, the 01-pin connector can only fit into 01 end marks on the Flexline. Likewise for the 02-pin connector.



SWIVEL CONNECTOR (IP20) — D.I.Y



50.15.0605

HB SWIVEL connector, Top End, type 1, 30cm cable

50.15.0606

HB SWIVEL connector, Top End, type 2, 30cm cable

50.15.0607

HB SWIVEL connector, Top End, type 1, 100cm cable

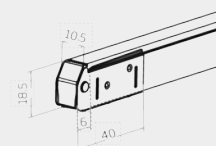
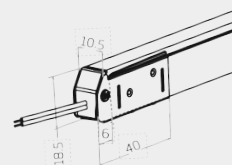
50.15.0608

HB SWIVEL connector, Top End, type 2, 100cm cable



50.15.0615

SWIVEL connector, Endcap



SNAP CONNECTOR (IP67) — D.I.Y



50.16.0510

HB SNAP connector, Top End, Type 1, 30cm cable

50.16.0511

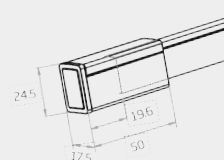
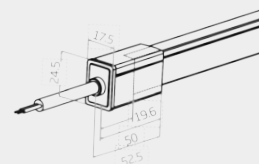
HB SNAP connector, Top End, Type 2, 30cm cable

50.16.0515

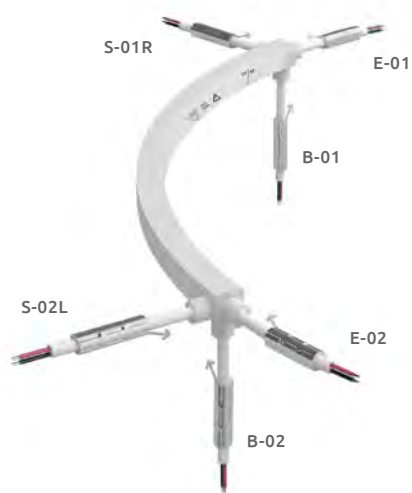
HB SNAP connector, End Cap, Type 1

50.16.0516

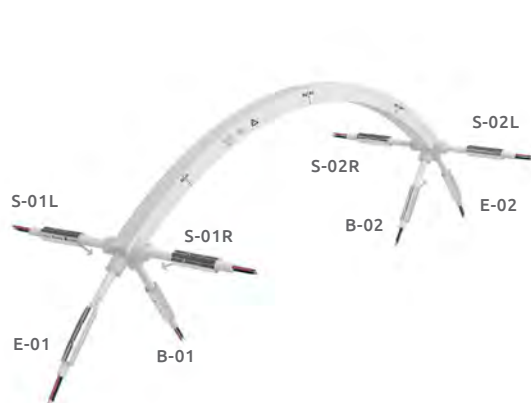
HB SNAP connector, End Cap, Type 2



HORIZONTAL BENDING



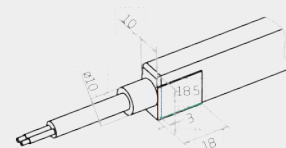
VERTICAL BENDING



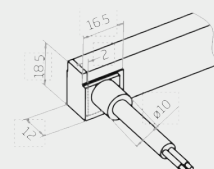
INJECTION MOULDED CONNECTOR (SILICONE IP68 / PVC IP67)



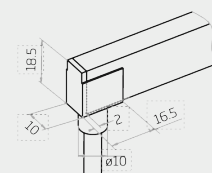
Type Front Connector – END
Code E01 | E02



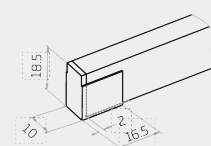
Type Front Connector – SIDE
Code S01 | S02



Type Front Connector – BOTTOM
Code B01 | B02



Type End Cap
Code EC



TLX10

MOUNTING PROFILES

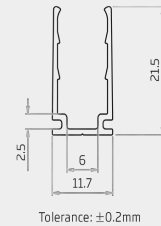


50.16.0424

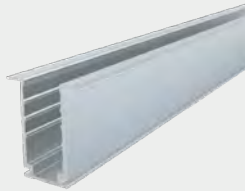
Aluminium Profile – 1000mm

50.16.0417

Aluminium Profile – 2000mm



Tolerance: $\pm 0.2\text{mm}$

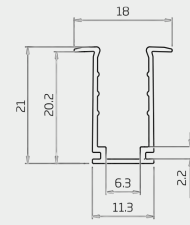


50.16.0418

Flange Aluminium Profile – 1000mm

50.16.0419

Flange Aluminium Profile – 2000mm



Tolerance: $\pm 0.2\text{mm}$

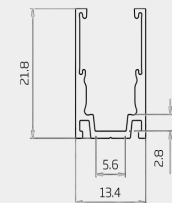


50.16.0837

Serrated Aluminium Profile – 1000mm

50.16.0838

Serrated Aluminium Profile – 2000mm



Tolerance: $\pm 0.2\text{mm}$

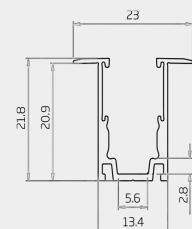


50.16.0835

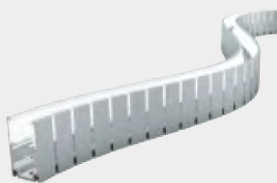
Flange Serrated Aluminium Profile – 1000mm

50.16.0836

Flange Serrated Aluminium Profile – 2000mm



Tolerance: $\pm 0.2\text{mm}$

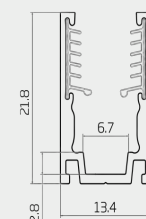


50.16.0840

Bendable Serrated Aluminium Profile – 500mm

50.16.0841

Bendable Serrated Aluminium Profile – 1000mm



Tolerance: $\pm 0.2\text{mm}$





TLX 15



TLX15 SHORTCUTTING



Flame
Resistant



UV
Resistant



Solvents
Resistant



Saltwater
Resistant



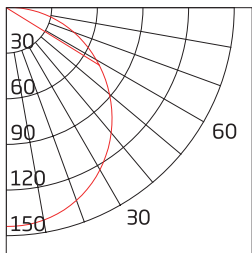
IP67
Protection



Dimmable



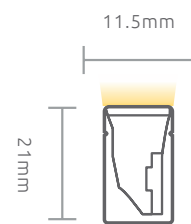
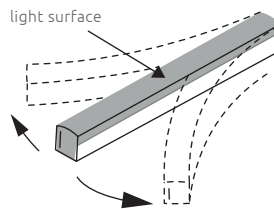
IK08
Protection



UNIT: cd
— C90/270

AVERAGE BEAM ANGLE
(50%): 113.2°

Horizontal bending, Curve



Bending-extreme
4526 times



Tensile-instantaneous
>60kg.f



Twist-extreme
3542 times

***Only in
Horizontal
Bending**

Warning: Extreme Destructive Tests in laboratory only, and it's forbidden to operate in practice.



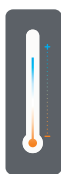
Min. Bending Diameter
120mm



Min. Cutting Length
16.67mm, 1 LED

NOTE:

1. The illuminated light length shall be an integral multiple of min. cutting length.
2. The waterproof reliability of the lighting fixture depends on the IP rating of connector, and please make sure connector is properly assembled before installation. The highest IP rating we can achieve is IP67.



Ambient Working
Temperature
≤6W/m -40 ~ 65°C /-40~149°F
9W/m -40 ~ 60°C /-40~140°F
12W/m -40 ~ 55°C /-40~131°F



Ambient Installation Temperature
-40 ~ 50°C /-40~122°F



Max. Mounting Surface Temperature
85°C /185°F



Storage Temperature
-40 ~ 60°C /-40~140°F



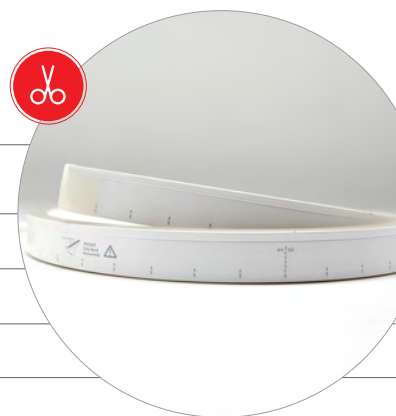
Constant Voltage
DC24V

*TLX15 can be customized to your specifications with custom lengths, color temperature and CRI rating.



ELECTRICAL PARAMETERS

Voltage (V)	DC24V
Current (mA/m)	500
Power (W/m)	12
Circuit Type	CV
LED Type	2835
LEDs Qty/m	72
LEDs Qty/unit	6
Unit/m	12
Min. Cutting Length (mm)	16.67



OPTICAL PARAMETERS

**CRI 95 available on request*

	FINISHED PRODUCT						LED	
	CCT	CCT Tolerance	Color Tolerance	CRI	Power	Lumen/m	Color Tolerance	CRI
HORIZONTAL BENDING 	2700K	2725±85K	<5SDCM	90	12W/m	280lm	<2.3SDCM	91~97
HORIZONTAL BENDING 	3000K	3045±105K	<5SDCM	90	12W/m	320lm	<2.3SDCM	91~97
HORIZONTAL BENDING 	4000K	3985±150K	<5SDCM	90	12W/m	320lm	<2.3SDCM	91~97

MAX. RUNNING LENGTHS Input: DC24V

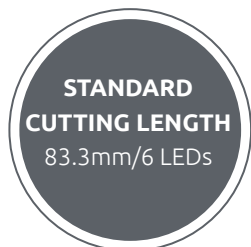
CONNECTOR TYPE	SINGLE-END FEED	DOUBLE-END FEED
Swivel Connector (IP20)	6m	12m
Snap Connector (IP67)	18m	36m
Silicone Injection-moulded Connector (IP68)	18m	36m



TLX15 SILICONE

***Also available in PVC**

See pg 40-41 for full product list



Flame Resistant



UV Resistant



Solvents Resistant



Saltwater Resistant



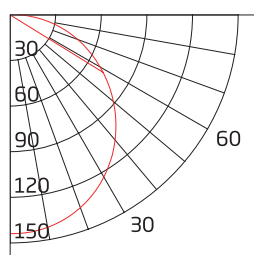
IP67 Protection



Dimmable



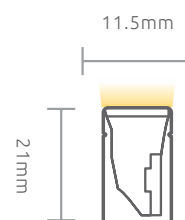
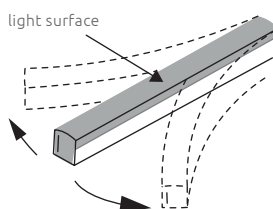
IK08 Protection



AVERAGE BEAM ANGLE
(50%): 113.2°

UNIT: cd
— C90/270

Horizontal bending, Curve



Bending-extreme
4526 times



Tensile-instantaneous
>60kg.f



Twist-extreme
3542 times

Warning: Extreme Destructive Tests in laboratory only, and it's forbidden to operate in practice.



Min. Bending Diameter
120mm



Min. Cutting Length
83.3mm, 6 LEDs

NOTE:

1. The illuminated light length shall be an integral multiple of min. cutting length.
2. The waterproof reliability of the lighting fixture depends on the IP rating of connector, and please make sure connector is properly assembled before installation. The highest IP rating we can achieve is IP67.



Ambient Working Temperature
≤6W/m -40 ~ 65°C /-40~149°F
9W/m -40 ~ 60°C /-40~140°F
12W/m -40 ~ 55°C /-40~131°F



Ambient Installation Temperature
-40 ~ 50°C /-40~122°F



Max. Mounting Surface Temperature
85°C /185°F



Storage Temperature
-40 ~ 60°C /-40~140°F



Constant Voltage
DC24V

*TLX15 can be customized to your specifications with custom lengths, color temperature and CRI rating.



ELECTRICAL PARAMETERS

Voltage (V)	DC24V
Current (mA/m)	500.0
Power (W/m)	12 <i>6W & 9W available on request</i>
Circuit Type	CC
LED Type	2835
LEDs Qty/m	72
LEDs Qty/unit	6
Unit/m	12
Min. Cutting Length (mm)	83.3

OPTICAL PARAMETERS

**CRI 95 available on request*

	FINISHED PRODUCT						LED	
	CCT	CCT Tolerance	Color Tolerance	CRI	Power	Lumen/m	Color Tolerance	CRI
HORIZONTAL BENDING 	2200K	2238±66K	<5SDCM	80	12W/m	320lm	<2.3SDCM	82~87
HORIZONTAL BENDING 	2700K	2725±85K	<5SDCM	90	12W/m	280lm	<2.3SDCM	91~97
HORIZONTAL BENDING 	3000K	3045±105K	<5SDCM	90	12W/m	320lm	<2.3SDCM	91~97
HORIZONTAL BENDING 	3500K	3465±245K	<5SDCM	90	12W/m	320lm	<2.3SDCM	91~97
HORIZONTAL BENDING 	4000K	3985±150K	<5SDCM	90	12W/m	320lm	<2.3SDCM	91~97

MAX. RUNNING LENGTHS Input: DC24V

CONNECTOR TYPE	SINGLE-END FEED	DOUBLE-END FEED
Swivel Connector (IP20)	5m	10m
Snap Connector (IP67)	15m	30m
Siicone Injection-moulded Connector (IP68)	15m	30m



TLX15 PRODUCT LIST

TLX15 SILICONE – SHORTCUTTING



TLX Code	CCT	CCT tolerance	Bend	CRI	Lumen/m	Power	Leds/m	Voltage	Cutting mm
50.02.1470	2700K	2725±85K	HB	>90	280lm	12W/m	72	DC24V	16.67mm
50.02.1471	3000K	3045±105K	HB	>90	320lm	12W/m	72	DC24V	16.67mm

TLX15 SILICONE – STANDARD CUTTING

TLX Code	CCT	CCT tolerance	Bend	CRI	Lumen/m	Power	Leds/m	Voltage	Cutting mm
50.02.1450	2200K	2238±66K	HB	>80	320lm	12W/m	72	DC24V	83.3mm
50.02.1452	2700K	2725±85K	HB	>90	280lm	12W/m	72	DC24V	83.3mm
50.02.1453	3000K	3045±105K	HB	>90	320lm	12W/m	72	DC24V	83.3mm
50.02.1465	CTA 2500K –5700K	2538±66K – 5669±305K	HB	>90	140lm – 170lm	12W/m	144	DC24V	83.3mm
50.02.1460	RGB		HB	–	>195lm	12W/m	60	DC24V	100mm
50.02.1461	RGBW		HB	>90	>315lm	15W/m	60	DC24V	100mm
50.02.1464	RED + 2700K		HB	>90	>200lm	12W/m	144	DC24V	83.3mm

TLX15 PVC – STANDARD CUTTING

TLX Code	CCT	CCT tolerance	Bend	CRI	Lumen/m	Power	Leds/m	Voltage	Cutting mm
50.02.0507	2200K	2238±102K	HB	>80	320lm	12W/m	72	DC24V	83.3mm
50.02.0509	2700K	2725±145K	HB	>90	240lm	12W/m	72	DC24V	83.3mm
50.02.0508	3000K	3045±175K	HB	>90	295lm	12W/m	72	DC24V	83.3mm
50.02.0526	CTA 2500K –5700K	2538±66K – 5669±305K	HB	>90	220lm	12W/m	144	DC24V	83.3mm
50.02.0525	RGB	–	HB	–	>110lm	12W/m	60	DC24V	100mm
50.02.0527	RGBW	–	HB	>90	>255lm	15W/m	60	DC24V	100mm
50.02.0528	RED + 2700K	2725±145K	HB	>90	>200lm	12W/m	144	DC24V	83.3mm

*TLX15 can be customized to your specifications with custom lengths, color temperature and CRI rating.



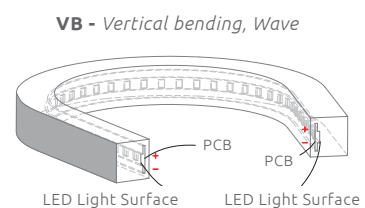
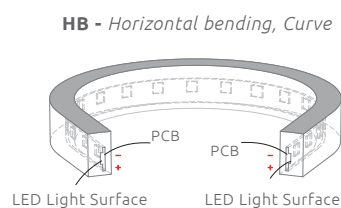
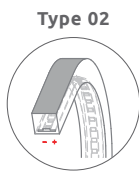
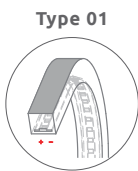


TLX15

CONNECTORS & ENDCAPS

TYPE 01 OR TYPE 02

There are 01 and 02 marks on the Flexlines and Field Assembled Connectors. Since the PCB is not centralized and pins are separated for positive and negative, the 01-pin connector can only fit into 01 end marks on the Flexline. Likewise for the 02-pin connector.



SWIVEL CONNECTOR (IP20) — D.I.Y



50.16.0570

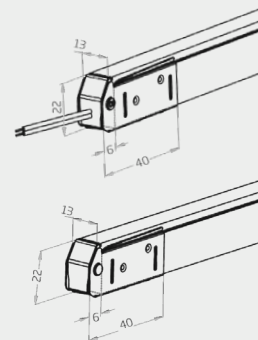
HB SWIVEL connector, Top End, type 1, 30cm cable

50.16.0571

HB SWIVEL connector, Top End, type 2, 30cm cable

50.16.0574

SWIVEL connector, Endcap, IP20



SNAP CONNECTOR (IP67) — D.I.Y



50.16.0520

HB SNAP connector, Top End, Type 1, 30cm cable

50.16.0521

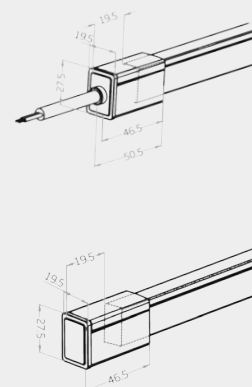
HB SNAP connector, Top End, Type 2, 30cm cable

50.16.0530

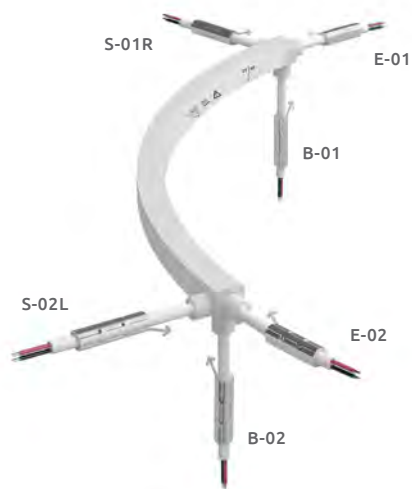
HB SNAP connector, End Cap, Type 1

50.16.0531

HB SNAP connector, End Cap, Type 2



HORIZONTAL BENDING



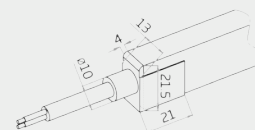
VERTICAL BENDING



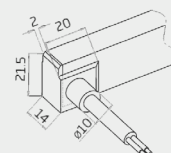
INJECTION MOULDED CONNECTOR (SILICONE IP68 / PVC IP67)



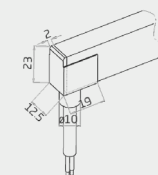
Type Front Connector – END
Code E01 | E02



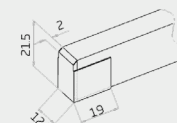
Type Front Connector – SIDE
Code S01 | S02



Type Front Connector – BOTTOM
Code B01 | B02



Type End Cap
Code EC



TLX15

MOUNTING PROFILES

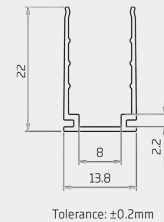


50.16.0434

Aluminium Profile – 1000mm

50.16.0443

Aluminium Profile – 2000mm

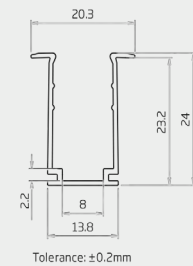


50.16.1010

Flange Aluminium Profile – 1000mm

50.16.1011

Flange Aluminium Profile – 2000mm

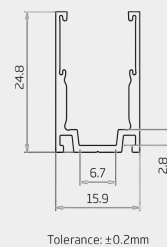


50.16.0854

Serrated Aluminium Profile – 1000mm

50.16.0855

Serrated Aluminium Profile – 2000mm

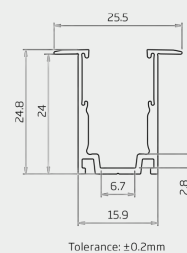


50.16.0852

Flange Serrated Aluminium Profile – 1000mm

50.16.0853

Flange Serrated Aluminium Profile – 2000mm



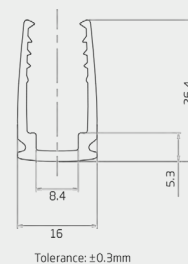


50.16.0439

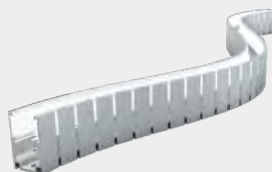
Thickened Plastic Profile – 1000mm

50.16.0442

Thickened Plastic Profile – 2000mm



Tolerance: $\pm 0.3\text{mm}$

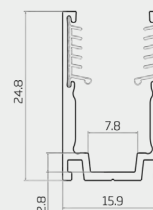


50.16.0850

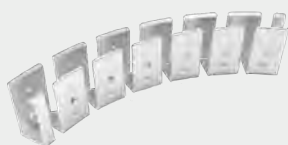
Bendable Serrated Aluminium Profile – 500mm

50.16.0851

Bendable Serrated Aluminium Profile – 1000mm



Tolerance: $\pm 0.2\text{mm}$



50.16.0575

Stainless Steel Curved Profile – 90,5mm

50.16.0576

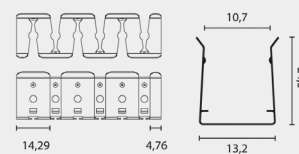
Stainless Steel Curved Profile – 300mm

50.16.0577

Stainless Steel Curved Profile – 490,5mm

50.16.0578

Stainless Steel Curved Profile – 890,5mm



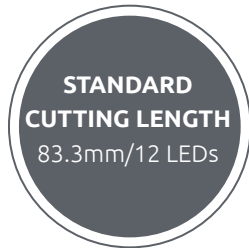




TLX 16



TLX16 SILICONE



Flame
Resistant



UV
Resistant



Solvents
Resistant



Saltwater
Resistant



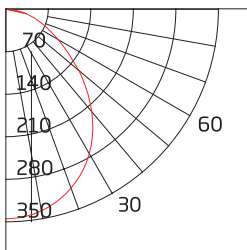
IP67
Protection



Dimmable



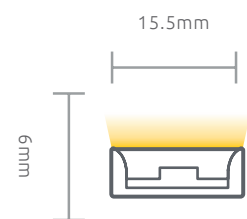
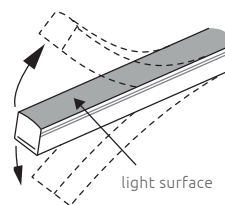
IK07
Protection



UNIT: cd
— C90/270

AVERAGE BEAM ANGLE
(50%): 154.9°

Vertical bending, Wave



Bending-extreme
1248 times



Tensile-instantaneous
>60kg.f



Twist-extreme
3469 times

***Only in
Vertical
Bending**

Warning: Extreme Destructive Tests in laboratory only, and it's forbidden to operate in practice.



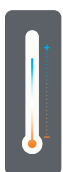
Min. Bending Diameter
50mm



Min. Cutting Length
83.3mm, 6 LEDs (12W)

NOTE:

1. The illuminated light length shall be an integral multiple of min. cutting length.
2. The waterproof reliability of the lighting fixture depends on the IP rating of connector, and please make sure connector is properly assembled before installation. The highest IP rating we can achieve is IP67.



Ambient Working
Temperature
12W/m -40 ~ 55°C / -40~131°F



Ambient Installation Temperature
-40 ~ 50°C / -40~122°F



Storage Temperature
-40 ~ 60°C / -40~140°F



Max. Mounting Surface Temperature
85°C / 185°F



Constant Voltage
DC24V

***TLX15 can be customized to your specifications with custom lengths, color temperature and CRI rating.**



ELECTRICAL PARAMETERS

Voltage (V)	DC24V
Current (mA/m)	500.0
Power (W/m)	12 <i>6W available on request</i>
Circuit Type	CC
LED Type	2835
LEDs Qty/m	72
LEDs Qty/unit	6
Unit/m	12
Min. Cutting Length (mm)	83.3

OPTICAL PARAMETERS

**CRI 95 available on request*

	FINISHED PRODUCT						LED	
	CCT	CCT Tolerance	Color Tolerance	CRI	Power	Lumen/m	Color Tolerance	CRI
VERTICAL BENDING	 2200K	2238±66K	<5SDCM	80	12W/m	350lm	<2.3SDCM	82~87
VERTICAL BENDING	 2700K	2725±85K	<5SDCM	90	12W/m	320lm	<2.3SDCM	91~97
VERTICAL BENDING	 3000K	3045±105K	<5SDCM	90	12W/m	360lm	<2.3SDCM	91~97
VERTICAL BENDING	 3500K	3465±245K	<5SDCM	90	12W/m	360lm	<2.3SDCM	91~97
VERTICAL BENDING	 4000K	3985±150K	<5SDCM	90	12W/m	360lm	<2.3SDCM	91~97

MAX. RUNNING LENGTHS Input: DC24V

CONNECTOR TYPE	SINGLE-END FEED	DOUBLE-END FEED
Siicone Injection-moulded Connector (IP67)	15m	30m



TLX16 PRODUCT LIST

TLX16 SILICONE – STANDARD CUTTING

TLX Code	CCT	CCT tolerance	Bend	CRI	Lumen/m	Power	Leds/m	Voltage	Cutting mm
50.02.1500	2200K	2238±66K	VB	>80	350lm	12W/m	72	DC24V	83.3mm
50.02.1502	2700K	2725±85K	VB	>90	320lm	12W/m	72	DC24V	83.3mm
50.02.1503	3000K	3045±105K	VB	>90	360lm	12W/m	72	DC24V	83.3mm
50.02.1504	3000K	3045±105K	VB	>90	360lm	12W/m	72	DC24V	83.3mm

'We know Totallux as a reliable partner. They are flexible and think along with the customer's wishes. Totallux is also very service oriented. They are always willing to custom-make products. It's not hard to see why architects choose Totallux because of reliable and high-quality products.'

Senior Electrical Engineer
Dutch Shipyards



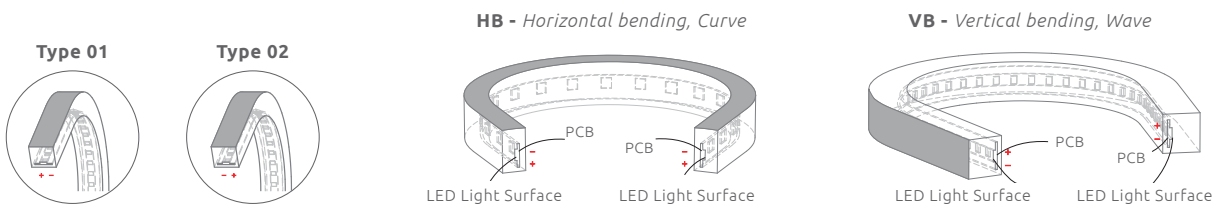


TLX16

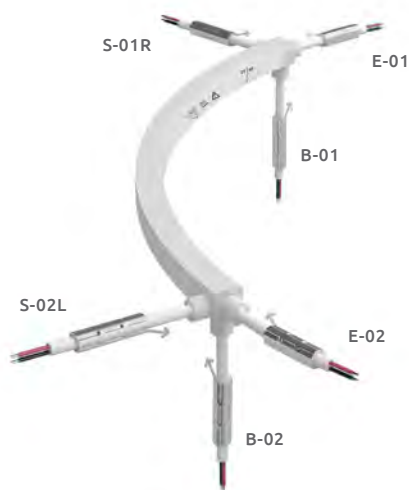
CONNECTORS & ENDCAPS

TYPE 01 OR TYPE 02

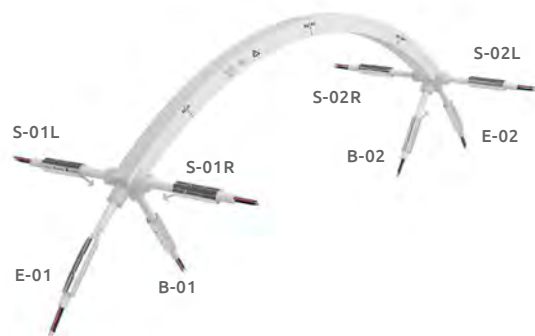
There are 01 and 02 marks on the Flexlines and Field Assembled Connectors. Since the PCB is not centralized and pins are separated for positive and negative, the 01-pin connector can only fit into 01 end marks on the Flexline. Likewise for the 02-pin connector.



HORIZONTAL BENDING



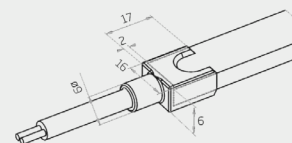
VERTICAL BENDING



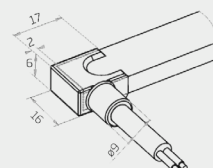
INJECTION MOULDED CONNECTOR (SILICONE IP67)



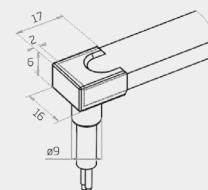
Type Front Connector – END
Code E01 | E02



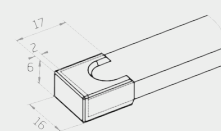
Type Front Connector – SIDE
Code S01 | S02



Type Front Connector – BOTTOM
Code B01 | B02



Type End Cap
Code EC

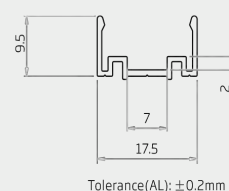


TLX16 MOUNTING PROFILE



50.16.0434
Aluminium Profile – 1000mm

50.16.0443
Aluminium Profile – 2000mm



Tolerance(AL): $\pm 0.2\text{mm}$





TLX 22



TLX22 SHORTCUTTING



Flame
Resistant



UV
Resistant



Solvents
Resistant



Saltwater
Resistant



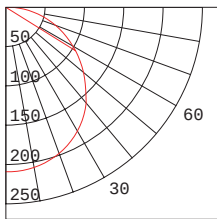
IP67
Protection



Dimmable



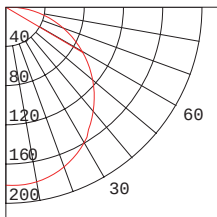
IK08
Protection



VB

UNIT: cd
— C90/270

AVERAGE BEAM ANGLE
(50%): 113.2°

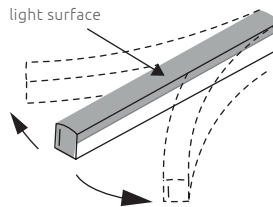


HB

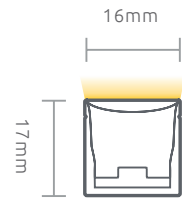
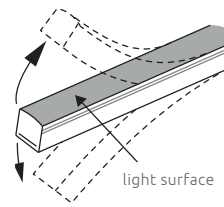
UNIT: cd
— C90/270

AVERAGE BEAM ANGLE
(50%): 112.3°

Horizontal bending, Curve



Vertical bending, Wave



Bending-extreme

2044 times (VB) | 2044 times (HB)



Tensile-instantaneous

>100kg.f



Twist-extreme

4374 times (VB) | 5514 times (HB)

Warning: Extreme Destructive Tests in laboratory only, and it's Forbidden to operate in practice.



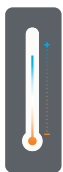
Min. Bending Diameter
300mm



Min. Cutting Length
18.52mm, 2 LEDs

NOTE:

1. The illuminated light length shall be an integral multiple of min. cutting length.
2. The waterproof reliability of the lighting fixture depends on the IP rating of connector, and please make sure connector is properly assembled before installation. The highest IP rating we can achieve is IP67.



Ambient Working
Temperature
12W/m -40 ~55°C
/-40~113°F



Ambient Installation Temperature
-40 ~ 50°C /-40~122°F



Storage Temperature
-40 ~ 60°C /-40~140°F



Max. Mounting Surface Temperature
85°C /185°F



Constant Voltage
DC24V

***TLX22 can be customized to your specifications with custom lengths, color temperature and CRI rating.**



ELECTRICAL PARAMETERS

Voltage (V)	DC24V
Current (mA/m)	500.0
Power (W/m)	12
Circuit Type	CV
LED Type	2835
LEDs Qty/m	108
LEDs Qty/unit	2
Unit/m	54
Min. Cutting Length (mm)	18.52



OPTICAL PARAMETERS

**CRI 95 available on request*

	FINISHED PRODUCT						LED	
	CCT	CCT Tolerance	Color Tolerance	CRI	Power	Lumen/m	Color Tolerance	CRI
VERTICAL BENDING	2700K	2725±145K	<5SDCM	90	12W/m	480lm	<2.3SDCM	91~97
VERTICAL BENDING	3000K	3045±175K	<5SDCM	90	12W/m	480lm	<2.3SDCM	91~97
VERTICAL BENDING	4000K	3985±275K	<5SDCM	90	12W/m	480lm	<2.3SDCM	91~97
HORIZONTAL BENDING	2700K	2725±145K	<5SDCM	90	12W/m	420lm	<2.3SDCM	91~97
HORIZONTAL BENDING	3000K	3045±175K	<5SDCM	90	12W/m	420lm	<2.3SDCM	91~97
HORIZONTAL BENDING	4000K	3985±275K	<5SDCM	90	12W/m	420lm	<2.3SDCM	91~97

MAX. RUNNING LENGTHS Input: DC24V

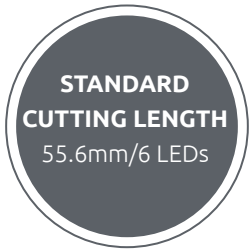
CONNECTOR TYPE	SINGLE-END FEED	DOUBLE-END FEED
Swivel Connector (IP20)	5m	10m
Snap Connector (IP67)	12m	24m
Silicone Injection-moulded Connector (IP68)	12m	24m



TLX22 SILICONE

***Also available in PVC**

See pg 62-63 for full product list



Flame
Resistant



UV
Resistant



Solvents
Resistant



Saltwater
Resistant



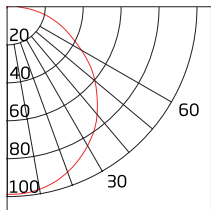
IP67
Protection



Dimmable



IK08
Protection

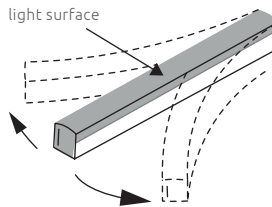


VB

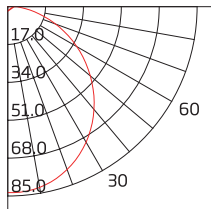
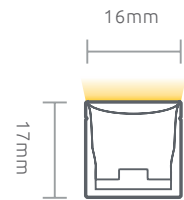
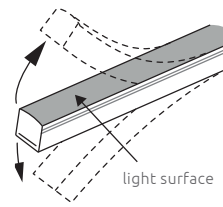
UNIT: cd
— C90/270

AVERAGE BEAM ANGLE
(50%): 111.6°

Horizontal bending, Curve



Vertical bending, Wave



HB

UNIT: cd
— C90/270

AVERAGE BEAM ANGLE
(50%): 105.9°



Bending-extreme

2044 times (VB) | 2044 times (HB)



Tensile-instantaneous

>100kg.f



Twist-extreme

4374 times (VB) | 5514 times (HB)

Warning: Extreme Destructive Tests in laboratory only, and it's forbidden to operate in practice.



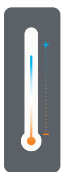
Min. Bending Diameter
300mm



Min. Cutting Length
55.6mm, 6 LEDs

NOTE:

1. The illuminated light length shall be an integral multiple of min. cutting length.
2. The waterproof reliability of the lighting fixture depends on the IP rating of connector, and please make sure connector is properly assembled before installation. The highest IP rating we can achieve is IP67.



Ambient Working
Temperature
12W/m -40 ~55°C
/-40~113°F



Ambient Installation Temperature
-40 ~ 50°C /-40~122°F



Storage Temperature
-40 ~ 60°C /-40~140°F



Max. Mounting Surface Temperature
85°C /185°F



Constant Voltage
DC24V

***TLX22 can be customized to your specifications with custom lengths, color temperature and CRI rating.**



ELECTRICAL PARAMETERS

Voltage (V)	DC24V
Current (mA/m)	500
Power (W/m)	12 <i>*6, 9 and 15W/m available on request</i>
Circuit Type	CC
LED Type	2835
LEDs Qty/m	108
LEDs Qty/unit	6
Unit/m	18
Min. Cutting Length (mm)	55.6

OPTICAL PARAMETERS

**CRI 95 available on request*

	FINISHED PRODUCT						LED	
	CCT	CCT Tolerance	Color Tolerance	CRI	Power	Lumen/m	Color Tolerance	CRI
VERTICAL BENDING	 2200K	2238±66K	<5SDCM	80	12W/m	450lm	<2.3SDCM	82~87
VERTICAL BENDING	 2700K	2725±85K	<5SDCM	90	12W/m	480lm	<2.3SDCM	91~97
VERTICAL BENDING	 3000K	3045±105K	<5SDCM	90	12W/m	480lm	<2.3SDCM	91~97
VERTICAL BENDING	 3500K	3465±245K	<5SDCM	90	12W/m	500lm	<2.3SDCM	91~97
VERTICAL BENDING	 4000K	3985±150K	<5SDCM	90	12W/m	500lm	<2.3SDCM	91~97
HORIZONTAL BENDING	 2200K	2238±66K	<5SDCM	80	12W/m	380lm	<2.3SDCM	82~87
HORIZONTAL BENDING	 2700K	2725±85K	<5SDCM	90	12W/m	420lm	<2.3SDCM	91~97
HORIZONTAL BENDING	 3000K	3045±105K	<5SDCM	90	12W/m	420lm	<2.3SDCM	91~97
HORIZONTAL BENDING	 3500K	3465±245K	<5SDCM	90	12W/m	430lm	<2.3SDCM	91~97
HORIZONTAL BENDING	 4000K	3985±150K	<5SDCM	90	12W/m	430lm	<2.3SDCM	91~97

MAX. RUNNING LENGTHS Input: DC24V

CONNECTOR TYPE	SINGLE-END FEED	DOUBLE-END FEED
Swivel Connector (IP20)	5m	10m
Snap Connector (IP67)	15m	30m
Silicone Injection-moulded Connector (IP68)	15m	30m



TLX22 BLACK

NEW

**Only available in PVC*



Flame
Resistant



UV
Resistant



Solvents
Resistant



Saltwater
Resistant



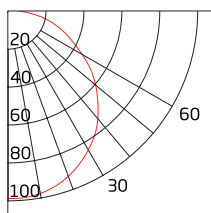
IP67
Protection



Dimmable



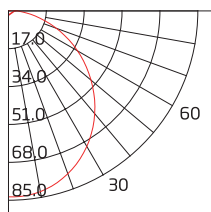
IK07
Protection



VB

UNIT: cd
— C90/270

AVERAGE BEAM ANGLE
(50%): 111.6°

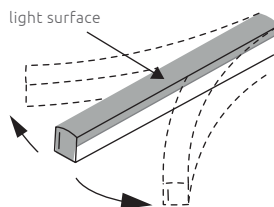


HB

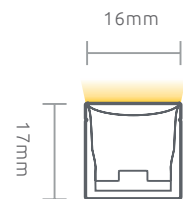
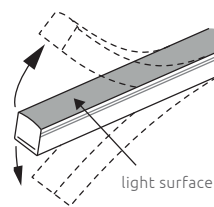
UNIT: cd
— C90/270

AVERAGE BEAM ANGLE
(50%): 105.9°

Horizontal bending, Curve



Vertical bending, Wave



Bending-extreme

2044 times (VB) | 2044 times (HB)



Tensile-instantaneous

>100kg.f



Twist-extreme

4374 times (VB) | 5514 times (HB)

Warning: Extreme Destructive Tests in laboratory only, and it's forbidden to operate in practice.



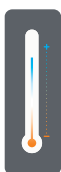
Min. Bending Diameter
300mm



Min. Cutting Length
55.6mm, 6 LEDs

NOTE:

1. The illuminated light length shall be an integral multiple of min. cutting length.
2. The waterproof reliability of the lighting fixture depends on the IP rating of connector, and please make sure connector is properly assembled before installation. The highest IP rating we can achieve is IP67.



Ambient Working
Temperature
-20 ~ 45°C
/-4~113°F



Ambient Installation Temperature
0 ~ 45°C /32~113°F



Storage Temperature
-20 ~ 60°C /-4~140°F



Max. Mounting Surface Temperature
60°C /140°F



Constant Voltage
DC24V



ELECTRICAL PARAMETERS

Voltage (V)	DC24V
Current (mA/m)	500
Power (W/m)	12
Circuit Type	CC
LED Type	2835
LEDs Qty/m	126
LEDs Qty/unit	7
Unit/m	18
Min. Cutting Length (mm)	55.6



OPTICAL PARAMETERS

	FINISHED PRODUCT						LED	
	CCT	CCT Tolerance	Color Tolerance	CRI	Power	Lumen/m	Color Tolerance	CRI
VERTICAL BENDING	2700K	2725±145K	<6.5SDCM	80	12W/m	125lm	<2.3SDCM	82~87
VERTICAL BENDING	3000K	3045±175K	<6.5SDCM	80	12W/m	125lm	<2.3SDCM	82~87
VERTICAL BENDING	3500K	3465±245K	<6.5SDCM	80	12W/m	125lm	<2.3SDCM	82~87
HORIZONTAL BENDING	2700K	2725±145K	<6.5SDCM	80	12W/m	70lm	<2.3SDCM	82~87
HORIZONTAL BENDING	3000K	3045±175K	<6.5SDCM	80	12W/m	70lm	<2.3SDCM	82~87
VERTICAL BENDING	3500K	3465±245K	<6.5SDCM	80	12W/m	70lm	<2.3SDCM	82~87

MAX. RUNNING LENGTHS Input: DC24V

CONNECTOR TYPE	SINGLE-END FEED	DOUBLE-END FEED
Swivel Connector (IP20)	5m	10m
Snap Connector (IP67)	10m	20m
Silicone Injection-moulded Connector (IP68)	10m	20m



TLX22 PRODUCT LIST

TLX22 SILICONE – SHORTCUTTING



TLX Code	CCT	CCT tolerance	Bend	CRI	Lumen/m	Power	Leds/m	Voltage	Cutting mm
50.02.1710	2700K	2725±85K	HB	>90	480lm	12W/m	108	DC24V	18.52mm
50.02.1730	3000K	3045±105K	HB	>90	170lm	12W/m	108	DC24V	18.52mm
50.02.1700	2700K	2725±85K	VB	>90	180lm	12W/m	108	DC24V	18.52mm
50.02.1720	3000K	3045±105K	VB	>90	180lm	12W/m	108	DC24V	18.52mm

TLX22 SILICONE – STANDARD CUTTING

TLX Code	CCT	CCT tolerance	Bend	CRI	Lumen/m	Power	Leds/m	Voltage	Cutting mm
50.02.1310	2200K	2238±66K	HB	>80	450lm	12W/m	108	DC24V	55.6mm
50.02.1316	2700K	2725±85K	HB	>90	480lm	12W/m	108	DC24V	55.6mm
50.02.1318	3000K	3045±105K	HB	>90	480lm	12W/m	108	DC24V	55.6mm
50.02.1322	3500K	3465±245K	HB	>90	500lm	12W/m	108	DC24V	55.6mm
50.02.1335	DYNAMIC WHITE	2200–5700K	HB	>90	>220lm	12W/m	144	DC24V	83.3mm
50.02.1329	RGB	–	HB	–	370lm	12W/m	84	DC24V	83.3mm
50.02.1327	RGBW	2725±85K	HB	>90	>220lm	15W/m	84	DC24V	83.3mm
50.02.1311	2200K	2238±66K	VB	>80	380lm	12W/m	108	DC24V	55.6mm
50.02.1317	2700K	2725±85K	VB	>90	420lm	12W/m	108	DC24V	55.6mm
50.02.1319	3000K	3045±105K	VB	>90	420lm	12W/m	108	DC24V	55.6mm
50.02.1321	3500K	3465±245K	VB	>90	430lm	12W/m	108	DC24V	55.6mm
50.02.1336	DYNAMIC WHITE	2200–5700K	VB	>90	>220lm	12W/m	144	DC24V	83.3mm
50.02.1330	RGB	–	VB	–	370lm	12W/m	84	DC24V	83.3mm
50.02.1325	RGBW	2725±85K	VB	>90	>220lm	15W/m	84	DC24V	83.3mm

*TLX22 can be customized to your specifications with custom lengths, color temperature and CRI rating.



TLX22 PVC – STANDARD CUTTING

TLX Code	CCT	CCT tolerance	Bend	CRI	Lumen/m	Power	Leds/m	Voltage	Cutting mm
50.02.0587	2200K	2238±66K	HB	>80	450lm	12W/m	108	DC24V	55.6mm
50.02.0588	2700K	2725±85K	HB	>90	480lm	12W/m	108	DC24V	55.6mm
50.02.0589	3000K	3045±105K	HB	>90	480lm	12W/m	108	DC24V	55.6mm
50.02.1320	3500K	3465±245K	HB	>90	500lm	12W/m	108	DC24V	55.6mm
50.02.0594	DYNAMIC WHITE	2200–5700K	HB	>90	>180lm	12W/m	144	DC24V	83.3mm
50.02.1328	RGB	–	HB	–	280lm	12W/m	84	DC24V	83.3mm
50.02.1326	RGBW	2725±85K	HB	>90	>190lm	15W/m	84	DC24V	83.3mm
50.02.1800	BLACK	2725±85K	HB	>90	70lm	12W/m	108	DC24V	55.6mm
50.02.1309	2200K	2238±66K	VB	>80	380lm	12W/m	108	DC24V	55.6mm
50.02.0590	2700K	2725±85K	VB	>90	420lm	12W/m	108	DC24V	55.6mm
50.02.0592	3000K	3045±105K	VB	>90	420lm	12W/m	108	DC24V	55.6mm
50.02.0591	3500K	3465±245K	VB	>90	430lm	12W/m	108	DC24V	55.6mm
50.02.0599	DYNAMIC WHITE	2200–5700K	VB	>90	>1800lm	12W/m	144	DC24V	83.3mm
50.02.0595	RGB	–	VB	–	300lm	12W/m	84	DC24V	83.3mm
50.02.0598	RGBW	2725±85K	VB	>90	>190lm	15W/m	84	DC24V	83.3mm
50.02.1801	BLACK	2725±85K	VB	>90	70lm	12W/m	108	DC24V	55.6mm

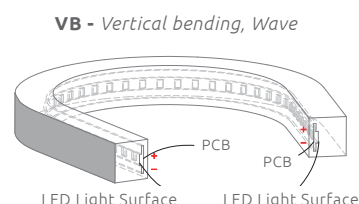
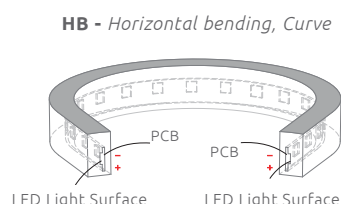
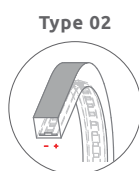
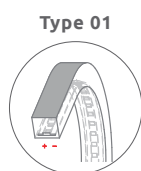


TLX22

CONNECTORS & ENDCAPS

TYPE 01 OR TYPE 02

There are 01 and 02 marks on the Flexlines and Field Assembled Connectors. Since the PCB is not centralized and pins are separated for positive and negative, the 01-pin connector can only fit into 01 end marks on the Flexline. Likewise for the 02-pin connector.



SWIVEL CONNECTOR (IP20) — D.I.Y



50.16.0580

VB SWIVEL connector, Top End, type 1, 30cm cable, IP20

50.16.0581

VB SWIVEL connector, Top End, type 2, 30cm cable, IP20

50.16.0583

VB SWIVEL connector, Bottom End, type 1, 100cm cable, IP20

50.16.0585

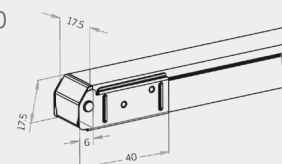
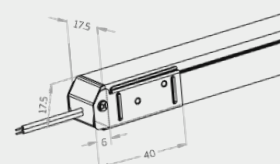
HB SWIVEL connector, Top End, type 1, 30cm cable, IP20

50.16.0586

HB SWIVEL connector, Top End, type 2, 30cm cable, IP20

50.16.0584

SWIVEL connector, Endcap, IP20



SNAP CONNECTOR (IP67) — D.I.Y

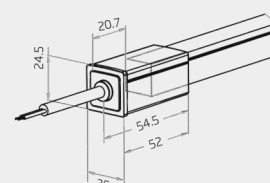


50.16.0545

Snap Front Connector – END, Type 1

50.16.0546

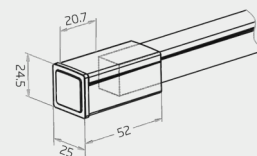
Snap Front Connector – END, Type 2





50.16.0555

Snap Front Connector End Cap



HORIZONTAL BENDING



VERTICAL BENDING

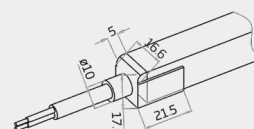


INJECTION MOULDED CONNECTOR (SILICONE IP67 / PVC IP65)



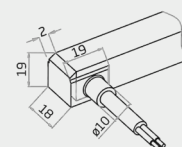
Type Front Connector – END

Code E01 | E02



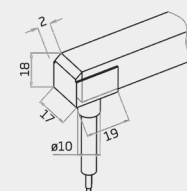
Type Front Connector – SIDE

Code S01 | S02



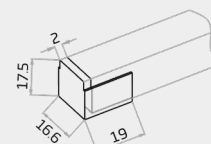
Type Front Connector – BOTTOM

Code B01 | B02



Type End Cap

Code EC



TLX22

MOUNTING PROFILES

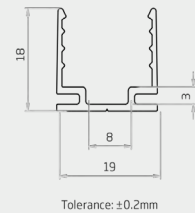


50.16.0456

Aluminium Profile – 1000mm

50.16.0458

Aluminium Profile – 2000mm

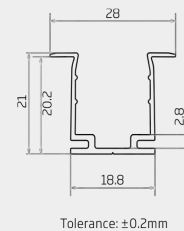


50.16.0471

Flange Aluminium Profile – 1000mm

50.16.0472

Flange Aluminium Profile – 2000mm

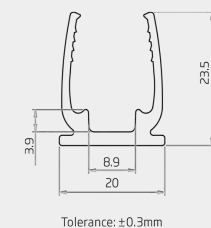


50.16.0461

Thickened Plastic Profile – 1000mm

50.16.0462

Thickened Plastic Profile – 2000mm

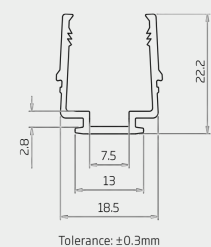


50.16.0467

Hybrid Profile – 1000mm

50.16.0468

Hybrid Profile – 2000mm



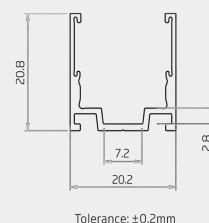


50.16.0870

Serrated Aluminium Profile – 1000mm

50.16.0871

Serrated Aluminium Profile – 2000mm



Tolerance: $\pm 0.2\text{mm}$

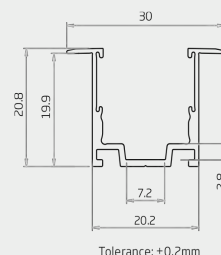


50.16.0865

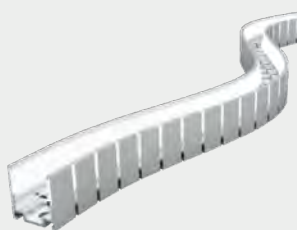
Flange Serrated Aluminium Profile – 1000mm

50.16.0866

Flange Serrated Aluminium Profile – 2000mm



Tolerance: $\pm 0.2\text{mm}$

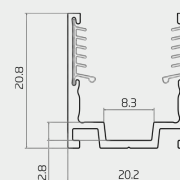


50.16.0860

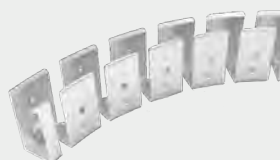
Bendable Serrated Aluminium Profile – 500mm

50.16.0861

Bendable Serrated Aluminium Profile – 1000mm



Tolerance: $\pm 0.2\text{mm}$



50.16.0463

Stainless Steel Curved Profile – 90,5mm

50.16.0464

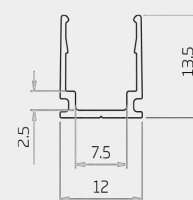
Stainless Steel Curved Profile – 300mm

50.16.0465

Stainless Steel Curved Profile – 490,5mm

50.16.0466

Stainless Steel Curved Profile – 890,5mm



Tolerance: $\pm 0.2\text{mm}$

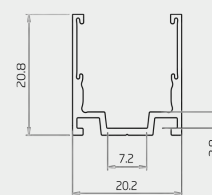


50.16.0951

Black Aluminium Profile – 1000mm

50.16.0950

Black Aluminium Profile – 2000mm



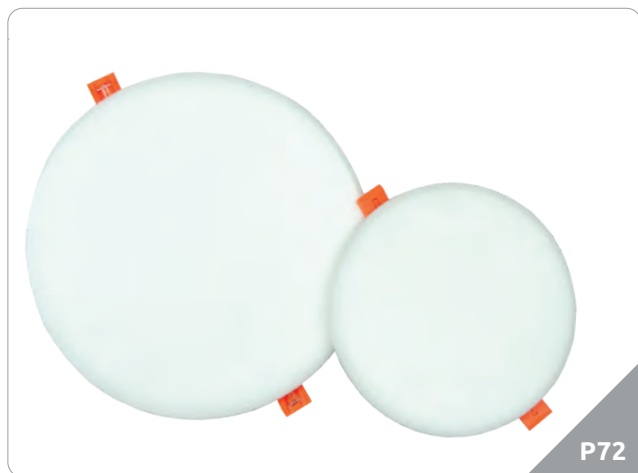
Tolerance: $\pm 0.2\text{mm}$



TLX LED PANELS



INDEX



TLX LED PANEL FRAMELESS
ROUND IP66



TLX LED PANEL FRAMELESS
SQUARE IP66



TLX LED PANEL BACKLIGHT
CUSTOMER REQUEST



TLX LED PANELS



ROUND IP66



IP67
Protection



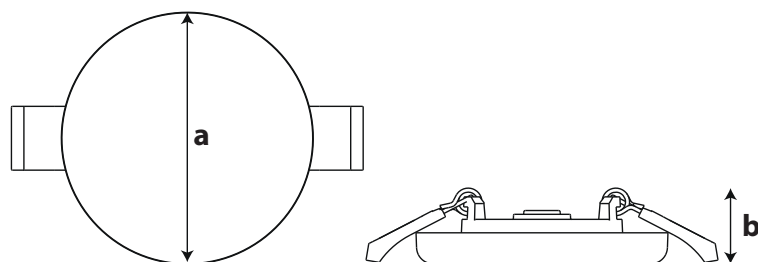
IK08
Protection



Dimmable

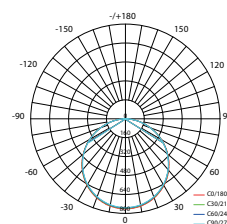


Beam angle



Based on Round 215
Based on Round 215

Height	1m	2m	3m	4m	5m
Beam diameter	206.9 cm	413.8 cm	620.7 cm	827.6 cm	1034.5 cm
Beam diameter	206.9 cm	413.8 cm	620.7 cm	827.6 cm	1034.5 cm
Beam diameter	206.9 cm	413.8 cm	620.7 cm	827.6 cm	1034.5 cm
Beam diameter	206.9 cm	413.8 cm	620.7 cm	827.6 cm	1034.5 cm
Beam diameter	206.9 cm	413.8 cm	620.7 cm	827.6 cm	1034.5 cm



LIGHT COLOR



PRODUCT INFORMATION

Input Voltage:	220-240 V (Including trailing/leading edge dimmable LED driver)					
Power factor:	> 0,9					
CRI:	> 80 RA					
IP Value	IP66					
	Round 75	Round 100	Round 125	Round 155	Round 185	Round 215
Diameter (a):	Ø75 mm	Ø100 mm	Ø125 mm	Ø155 mm	Ø185 mm	Ø215 mm
Thickness (b):	20 mm	20 mm	20 mm	20 mm	20 mm	20 mm
Weight:	75 gr	100 gr	180 gr	285 gr	375 gr	540 gr
Cutting hole:	Ø55 mm	Ø80 mm	Ø105 mm	Ø135 mm	Ø165 mm	Ø195 mm
Power consumption:	6 W	8 W	11 W	15 W	22 W	30 W
Input current:	250 mA	350 mA	500 mA	500 mA	700 mA	700 mA
Lum. flux (4000K):	422 lm	568 lm	855 lm	1177 lm	1749 lm	2229 lm
Dimmable trailing/leading edge	•	•	•	•	•	•
Recessed:	•	•	•	•	•	•
Surface Mounted (Accessory plate)				•	•	•

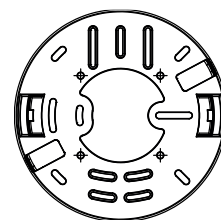


TLX LED Panel Frameless Round IP66 *(Including trailing/leading edge dimmable LED driver)*

Code:	Product:	Kelvin:	CRI:	Lumen:	Power:
50.30.1700	TLX LED Panel Frameless Round 75	3000K	> 80 RA	394lm	6 W
50.30.1701	TLX LED Panel Frameless Round 75	4000K	> 80 RA	394lm	6 W
50.30.1702	TLX LED Panel Frameless Round 75	6000K	> 80 RA	394lm	6 W
50.30.1705	TLX LED Panel Frameless Round 100	3000K	> 80 RA	526lm	8 W
50.30.1706	TLX LED Panel Frameless Round 100	4000K	> 80 RA	526lm	8 W
50.30.1707	TLX LED Panel Frameless Round 100	6000K	> 80 RA	526lm	8 W
50.30.1710	TLX LED Panel Frameless Round 125	3000K	> 80 RA	848lm	11 W
50.30.1711	TLX LED Panel Frameless Round 125	4000K	> 80 RA	848lm	11 W
50.30.1712	TLX LED Panel Frameless Round 125	6000K	> 80 RA	848lm	11 W
50.30.1716	TLX LED Panel Frameless Round 155	3000K	> 80 RA	1280lm	15 W
50.30.1717	TLX LED Panel Frameless Round 155	4000K	> 80 RA	1280lm	15 W
50.30.1718	TLX LED Panel Frameless Round 155	6000K	> 80 RA	1280lm	15 W
50.30.1720	TLX LED Panel Frameless Round 185	3000K	> 80 RA	1739lm	22 W
50.30.1721	TLX LED Panel Frameless Round 185	4000K	> 80 RA	1739lm	22 W
50.30.1722	TLX LED Panel Frameless Round 185	6000K	> 80 RA	1739lm	22 W
50.30.1725	TLX LED Panel Frameless Round 215	3000K	> 80 RA	2481lm	30 W
50.30.1726	TLX LED Panel Frameless Round 215	4000K	> 80 RA	2481lm	30 W
50.30.1727	TLX LED Panel Frameless Round 215	6000K	> 80 RA	2481lm	30 W

ACCESSORIES

Code:	For:	Product:	Size:
50.30.1760	Round 155	Round Surface Mounted Plate	Ø155 x 37 mm
50.30.1761	Round 185	Round Surface Mounted Plate	Ø185 x 37 mm
50.30.1762	Round 215	Round Surface Mounted Plate	Ø215 x 37 mm



SQUARE IP66



IP67
Protection



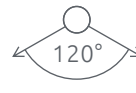
IK08
Protection



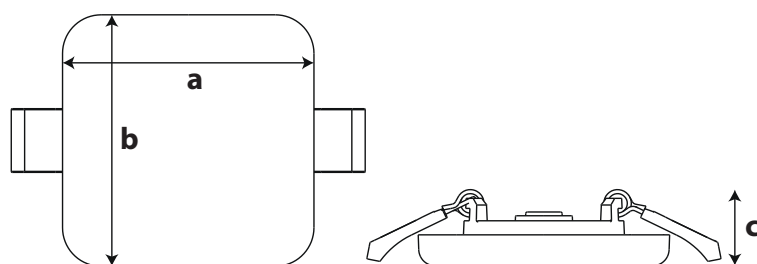
Dimmable



RoHS

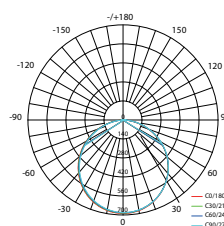


Beam angle



Based on Round 215

Height	1m	2m	3m	4m	5m
Beam diameter	196.21 in 5000 mm	466.16 in 11844 mm	207.7 in 5285 mm	116.1 in 2948 mm	75.5 in 1927 mm



LIGHT COLOR



PRODUCT INFORMATION

Input Voltage:	220-240 V (Including trailing/leading edge dimmable LED driver)
Power factor:	> 0,9
CRI:	> 80 RA
IP Value	IP66

	Square 75	Square 100	Square 125	Square 155	Square 185	Square 215
Width (a), length (b):	75 mm	100 mm	125 mm	155 mm	185 mm	215 mm
Thickness (c):	20 mm	20 mm	20 mm	20 mm	20 mm	20 mm
Weight:	90 gr	150 gr	230 gr	360 gr	480 gr	665 gr
Cutting hole sides:	55 mm	80 mm	105 mm	135 mm	165 mm	195 mm
Power consumption:	6 W	8 W	11 W	15 W	22 W	30 W
Input current:	250 mA	350 mA	500 mA	500 mA	700 mA	700 mA
Lum. flux (4000K):	404 lm	555 lm	817 lm	1066 lm	1507 lm	2346 lm
Dimmable trailing/leading edge	•	•	•	•	•	•
Recessed:	•	•	•	•	•	•
Surface Mounted (Accessory plate)				•	•	•



TLX LED Panel Frameless Round IP66 *(Including trailing/leading edge dimmable LED driver)*

Code:	Product:	Kelvin:	CRI:	Lumen:	Power:
50.30.1730	TLX LED Panel Frameless Square 75	3000K	> 80 RA	390lm	6 W
50.30.1731	TLX LED Panel Frameless Square 75	4000K	> 80 RA	390lm	6 W
50.30.1732	TLX LED Panel Frameless Square 75	6000K	> 80 RA	390lm	6 W
50.30.1735	TLX LED Panel Frameless Square 100	3000K	> 80 RA	509lm	8 W
50.30.1736	TLX LED Panel Frameless Square 100	4000K	> 80 RA	509lm	8 W
50.30.1737	TLX LED Panel Frameless Square 100	6000K	> 80 RA	509lm	8 W
50.30.1740	TLX LED Panel Frameless Square 125	3000K	> 80 RA	855lm	11 W
50.30.1741	TLX LED Panel Frameless Square 125	4000K	> 80 RA	855lm	11 W
50.30.1742	TLX LED Panel Frameless Square 125	6000K	> 80 RA	855lm	11 W
50.30.1745	TLX LED Panel Frameless Square 155	3000K	> 80 RA	1044lm	15 W
50.30.1746	TLX LED Panel Frameless Square 155	4000K	> 80 RA	1044lm	15 W
50.30.1747	TLX LED Panel Frameless Square 155	6000K	> 80 RA	1044lm	15 W
50.30.1750	TLX LED Panel Frameless Square 185	3000K	> 80 RA	1486lm	22 W
50.30.1751	TLX LED Panel Frameless Square 185	4000K	> 80 RA	1486lm	22 W
50.30.1752	TLX LED Panel Frameless Square 185	6000K	> 80 RA	1486lm	22 W
50.30.1755	TLX LED Panel Frameless Square 215	3000K	> 80 RA	2475lm	30 W
50.30.1756	TLX LED Panel Frameless Square 215	4000K	> 80 RA	2475lm	30 W
50.30.1757	TLX LED Panel Frameless Square 215	6000K	> 80 RA	2475lm	30 W

ACCESSORIES

Code:	For:	Product:	Size:
50.30.1765	Square 155	Square Surface Mounted Plate	155 x 155 x 37 mm
50.30.1766	Square 185	Square Surface Mounted Plate	185 x 185 x 37 mm
50.30.1767	Square 215	Square Surface Mounted Plate	215 x 215 x 37 mm





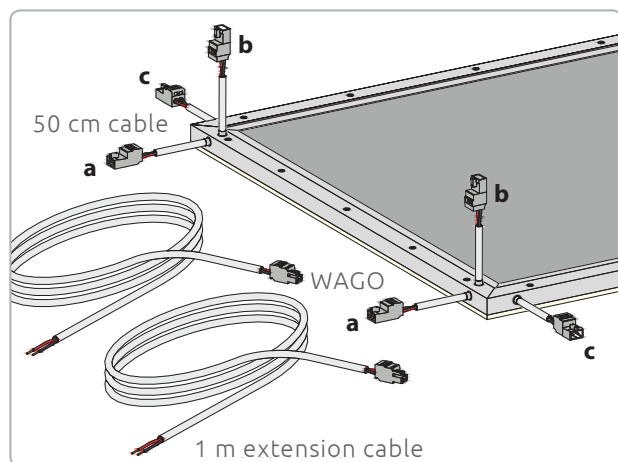
CUSTOMER REQUEST

LED (backlight) panels can be customized to fit smoothly in every place and compliment every design.

PRODUCT INFORMATION

Shape:	Custom — From rectangular to circular to irregular. Even bending shapes!
Color Temperature:	Custom — Any color as well as CTA, RGB and RGBW.
Size:	Custom — Any size between 100 x 12 mm and 2006 x 3048 mm.
IP Value:	IP40 or IP54
CRI:	> 85 RA or > 90 RA

CABLE OPTIONS *(2 cables needed for over 42W)*







TLX LED MOON SPOTS

TLX LED MOON SPOTS



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MOON



MOON FIXED



MOON ADJUSTABLE



MOON SPECIALS



CONNECTORS



TLX LED MOON SPOTS



MOON SPOTS



IP67
Protection



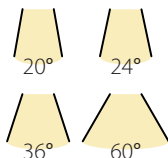
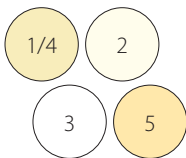
Dimmable



PRODUCT INFORMATION

Input Voltage:	220-240 V (LED driver on request)
Power factor:	> 0,8
CRI:	> 85 RA (CRI > 90 on request)
IP Value:	IP44 (IP55 on request)
LED Type:	COB (Citizen / Epistar)
Reflector type:	1090 Aluminum polish anodizing
Fixture material:	Aluminum
Cable length:	150 mm

NAMING CHART (* = Standard option)

Type	Beam Angle	Finishing	KELVIN	Glass
 Fixed 6W = TLX6305 8W = TLX6307 10W = TLX6310 Adjustable 6W = TLX6405 8W = TLX6407 10W = TLX6410	 6W 20° = 1 36° = 2* 60° = 3 8W/10W 24° = 1 36° = 2* 60° = 3	 Matt White = 1 Matt Black = 2 Satin Chrome = 3 Silver = 4 Polished Chrome = 5 Custom RAL/NCS = 6	 CRI85 3000K = 1 4000K = 2 5000K = 3 2700K = 5 CRI90 3000K = 4	 Clear* Frosted

Example:

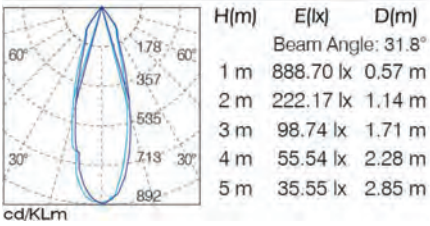
TLX6305.143-Frosted

TLX LED Moon Spot (Fixed, 6W, 24°, Silver, 5000K, Frosted glass.

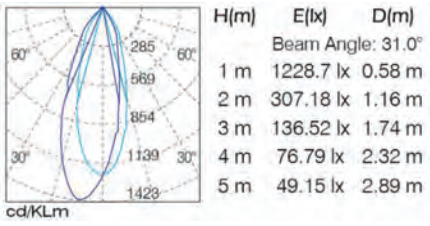


CANDELA CHART

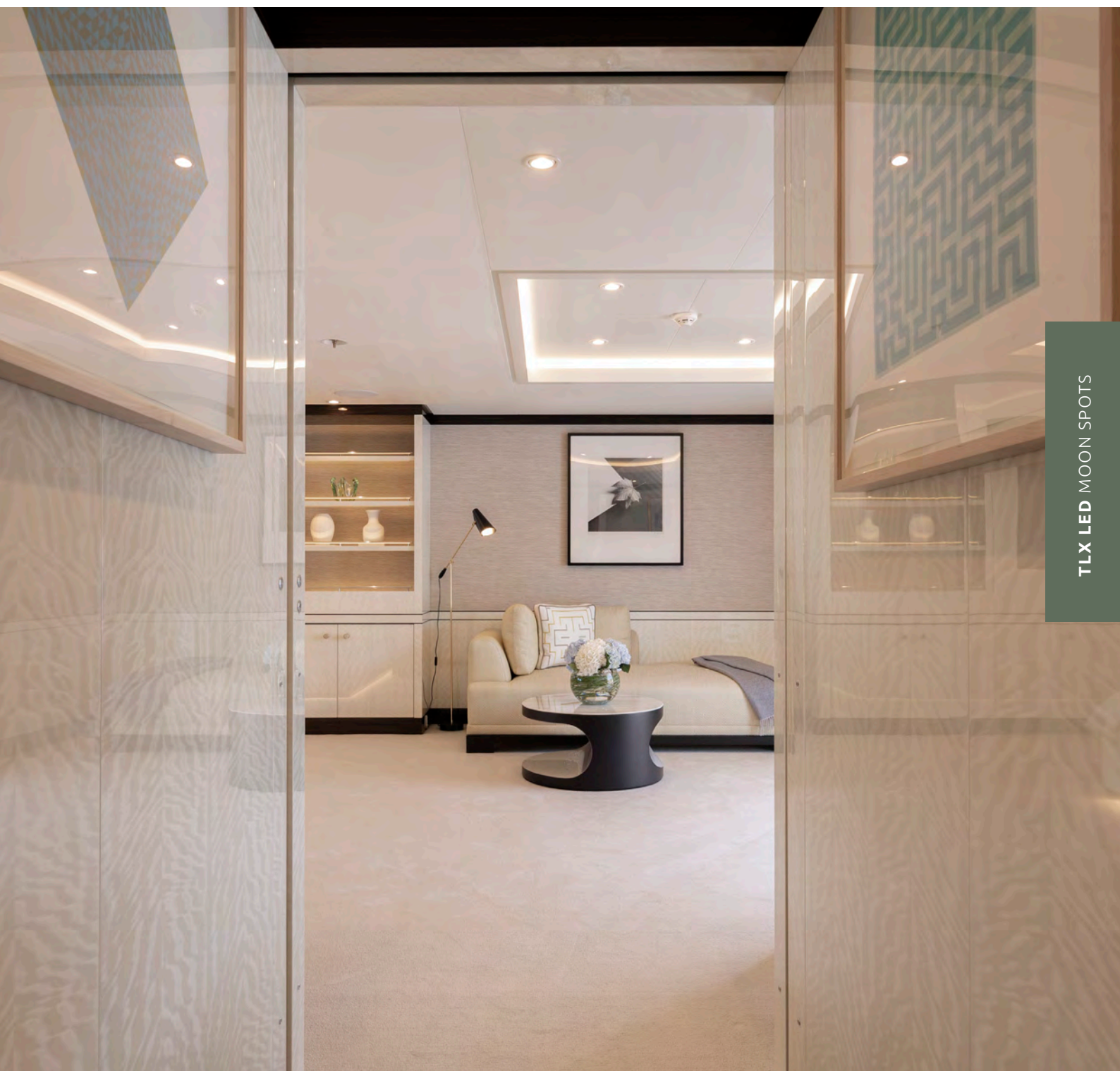
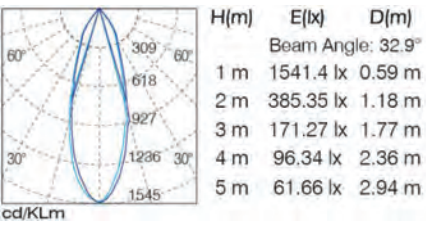
TLX6305.2 / TLX6405.2



TLX6307.2 / TLX6407.2



TLX6310.2 / TLX6410.2

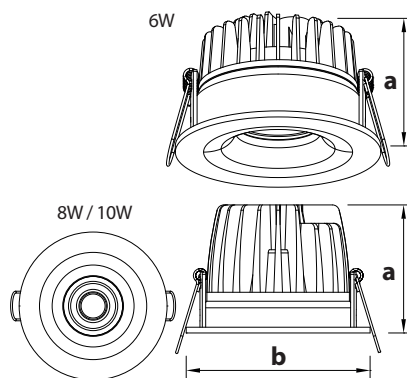


TLX LED MOON SPOTS



MOON FIXED

TLX LEDSPOT MOON FIXED *(LED driver on request)*



	6W	8W	10W
Dimensions (a, b):	52 mm, Ø80 mm	56 mm, Ø80 mm	56 mm, Ø80 mm
Cutting hole sides:	Ø74 mm	Ø74 mm	Ø74 mm
Forward power:	10 V DC	37 V DC	37 V DC
Current*:	500 mA	200 mA	250 mA
Lumen:	400 lm	550 lm	750 lm

*350 mA available on request

NAMING CHART

Type	Beam Angle	Finishing	KELVIN	Glass
Adjustable				
6W = TLX6305	6W	Matt White = 1	3000K = 1	Clear* Frosted
8W = TLX6307	20° = 1	Matt Black = 2	4000K = 2	
10W = TLX6310	36° = 2	Satin Chrome = 3	5000K = 3	
	60° = 3	Silver = 4	3000K* = 4	
		Polished Chrome = 5	2700K = 5	
		Custom RAL/NCS = 6	CRI90*	



MOON ADJUSTABLE

TLX LEDSPOT MOON ADJUSTABLE *(LED driver on request)*



	6W	8W	10W
Dimensions (a, b):	52 mm, Ø90 mm	56 mm, Ø90 mm	56 mm, Ø90 mm
Cutting hole sides:	Ø84 mm	Ø84 mm	Ø84 mm
Forward power:	10 V DC	36 V DC	36 V DC
Current*:	500 mA	200 mA	260 mA
Lumen:	400 lm	550 lm	750 lm

*350 mA available on request

NAMING CHART

Type	Beam Angle	Finishing	KELVIN	Glass
Adjustable	6W 20° = 1 36° = 2 60° = 3	Matt White = 1 Matt Black = 2 Satin Chrome = 3 Silver = 4 Polished Chrome = 5 Custom RAL/NCS = 6	3000K = 1 4000K = 2 5000K = 3 3000K* = 4 2700K = 5 CRI90*	Clear* Frosted

TLX LED MOON SPOTS



MOON SPECIALS

GENERAL INFO

Lightsource type	LED white+red	LED white+blue
Lightsource watt	4.5W	4.5W
System watt	6W	6W
Light output	9V/500mA	9V/500mA
Lumen output (white)	420lm	400lm
Lumen pr. watt	69.24 lm/W	61.59 lm/W
Colour temperature	2700k	2700k
Ra/CRI	>80	>80
Beam angle	36°	36°
Lifetime (real lifetime)	50,000hrs	50,000hrs
IP class	IP44	IP44



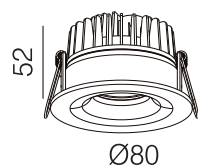
Warm White / Blue



Warm White / Red

MATERIALS

Base material	Aluminium
Screen material	PC



FINISHES

- 1 Matt White
- 2 Matt Black
- 3 Satin Chrome
- 4 Silver
- RAL 5 Custom RAL
- NCS 6 Custom NCS

Warm White / Red, COB detail



CONNECTORS

CONNECTOR SERVICES

TOTALLUX offers pre-assembled IP-rated (IP20/67) connectors not only for the TLX LED Moon Spot series but also within the complete TLX LED program. With the knowledge and detailing of our LED products, we can advise, offer, assemble and deliver the type of connector needed for your project.

We work with brands like Wago, Wieland, Phoenix, Escha, and many others.



WAGO



WIELAND



ESCHA

TLX LED MOON SPOTS

Moon Spot customization in our Totallux workshop





TOTALLUX
MARINE LED SOLUTIONS

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