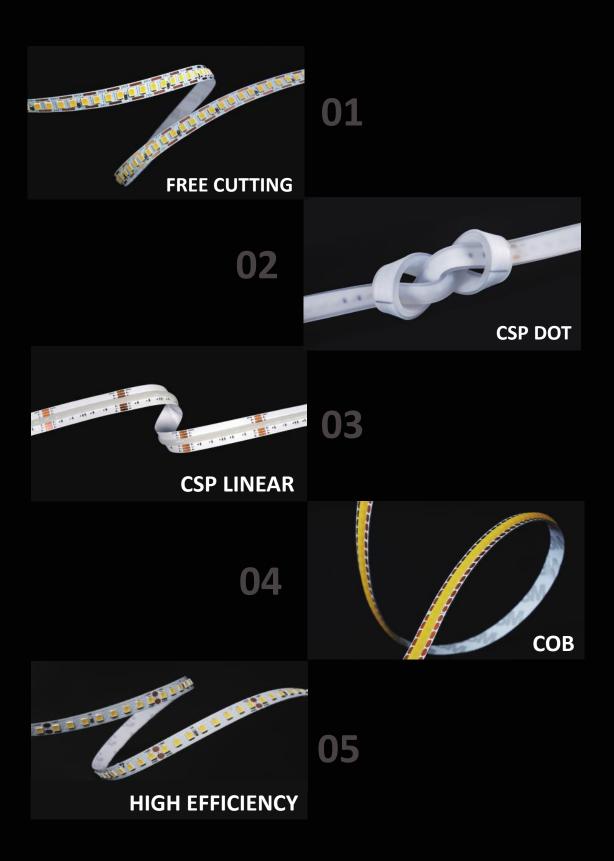
CONTENT



LED STRIPS

FREE CUTTING



Code: ST C8120

THORN

Led Strips





Features

- · Super slim width with board width only 5mm.
- . 24V single LED per cut for more flexible application.
- · Mini cutting unit up to 8.33mm.
- · Parameter matches with traditional ones, better for stock management.
- Self-encapsulated design offers 6 optional 2300-6000K white lights.
- With life span over 60000H.
- · Ta: -25~40 ℃; Tc: 75 ℃ (max)

Basic Parameters

Cutting Unit: 8.33mm

MODEL NO.	CRI	ССТ	Input voltage (V)	Rated power (W/m)	Lumen (Lm/m)	Lm/W
		2300K			1000	104
		2700К			1100	116
LINE LED C2 ST C8120	>90	3000K	24V	9.6	1200	126
LINE LED CZ SI C8120	>90	3500K	240	9.0	1200	126
		4000K			1300	135
		6000K			1250	130

Note:

1. The tolerance of output data can be vary up to 15%.

2.the output data tested according to IES TM-30-15.

3.the output data is based on IP20/1merter, data of 5m in only for reference.

Recommended	Solution			Soldering-free Con	nector		
Name	Picture	Model	Remark	Picture	Model	Remark	
Profile		LS1613	16mm	100	CXB205-DFTA	2PIN, wire to board (without wire), suitable for 5mm single Color IP20 strips	
Power Supply	۱	LRS-XXX-24	Constant voltage 24V, Not waterproof, Non-dimming	-	CBB205-DFTA	2PIN, board to board, suitable for 5mm single Color IP20 strips	
Controller	· :: 11	CR1-GBA	12-48V monochromatic dimming controller		CBBL205-DFTA	2PIN, board to board (L shape), suitable for 5mm	
Remote Control		CK1-GBA	Monochromatic dimming controller, in conjunction with controller	AR.		single Color IP20 strips	

Code: ST CR8120

THORN

Led Strips





Basic Parameters

Features

- · Reel to reel process, no soldering joint.
- . 24V single LED per cut for more flexible application.
- · Mini cut unitting up to 8.33mm.
- · Parameter matches with traditional ones, better for stock management.
- · Self-encapsulated design offers 6 optional 2300-6000K white lights.
- · With life span over 60000H.
- · Ta: -25~40 ℃; Tc: 75 ℃ (max)

MODEL NO.	CRI	сст	Input voltage (V)	Rated power (W/m)	Lumen (Lm/m)	Lm/W
		2300K			530	110
		2700К			570	120
		3000K		1.0	620	130
		3500K		4.8	650	135
		4000K		-	670	140
LINE LED C2 ST CR8120	>90	6000K	24		640	110 120 130 135 140 134 105 117 127 129 136
LINE LED CZ SI CR8120	>90	2300K	24		1000	105
		2700К			1100	117
		3000K			1220	127
		3500K		9,6	1240	129
		4000K			1300	136
		6000K			1260	131

Note:

1. The tolerance of output data can be vary up to 15%.

2.the output data tested according to IES TM-30-15.

3.the output data is based on IP20/1merter, data of 5m in only for reference.

Recommended	Solution			Soldering-free Con	nector	
Name	Picture	Model	Remark	Picture	Model	Remark
Profile		LS1613	16mm		CXB208-DFTA	2PIN, wire to board(without wire), suitable for 8mm single Color IP20 strips
Power Supply		LRS-XXX-24	Constant voltage 24V, Not waterproof, Non-dimming		CBB208-DFTA	2PIN, board to board, suitable for 8mm single Color IP20 strips
Controller		CR1-GBA	12-48V monochromatic dimming controller		CBBL208-DFTA	2PIN, board to board (L shape), suitable for 8mm single Color
Remote Control		CK1-GBA	Monochromatic dimming controller, in conjunction with controller	1 the		IP20 strips
5						www.thornlighting.com

Code: ST CR8160

THORN

Led Strips





Features

- · Reel to reel process, no soldering joint.
- . 24V single LED per cut for more flexible application.
- · Mini cutting unitting up to 6.25mm.
- · Parameter matches with traditional ones, better for stock management.
- · Self-encapsulated design offers 6 optional 2300-6000K white lights.
- With life span over 60000H.
- · Ta: -25~40 ℃; Tc: 75 ℃ (max)

Basic Parameters

nit" 6.25n

MODEL NO.	CRI	ССТ	Input voltage (V)	Rated power (W/m)	Lumen (Lm/m)	Lm/W
		2300K			1000	105
		2700К			1100	117
		3000K		9.6	1220	127
		3500K		9.0	1250	130
		4000K	24		1300	136
LINE LED C2 ST CR8160	>90	6000K			1260	131
	>90	2300K			1510	105
		2700К			1660	115
		3000K		14.4	1800	125
		3500К 14.4	14.4	1870	130	
		4000K			1930	134
		6000K			1860	129

Note:

1. The tolerance of output data can be vary up to 15%.

2.the output data tested according to IES TM-30-15.

3.the output data is based on IP20/1merter, data of 5m in only for reference.

Recommended	Solution			Soldering-free Con	nector	
Name	Picture	Model	Remark	Picture	Model	Remark
Profile		LS1613	16mm		CXB208-DFTA	2PIN, wire to board(without wire), suitable for 8mm single Color IP20 strips
Power Supply		LRS-XXX-24	Constant voltage 24V, Not waterproof, Non-dimming	Solution	CBB208-DFTA	2PIN, board to board, suitable for 8mm single Color IP20 strips
Controller	· Filling ()	CR1-GBA	12-48V monochromatic dimming controller		CBBL208-DFTA	2PIN, board to board (L shape), suitable for 8mm single Color
Remote Control		CK1-GBA	Monochromatic dimming controller, in conjunction with controller	1.0		IP20 strips
6						www.thornlighting.com

Code: ST C8200

THORN

Led Strips





Features

- . 24V single LED per cut for more flexible application.
- · Mini cutting unitting up to 5mm.
- \cdot Parameter matches with traditional ones, better for stock management.
- · Self-encapsulated design offers 6 optional 2300-6000K white lights.
- With life span over 60000H.
- · Ta: -25~40℃; Tc: 75℃ (max)

			8
	24		
Cutting	Jnit: 5m	m	

Basic Parameters

MODEL NO.	CRI	ССТ	Input voltage (V)	Rated power (W/m)	Lumen (Lm/m)	Lm/W
		2300K			1680	100
		2700К			1900	113
LINE LED C2 ST C8200	>90	3000K	24	16.8	2070	123
	>90	3500K	24	10.8	2100	125
		4000K			2220	132
		6000K			2130	127

Note:

1. The tolerance of output data can be vary up to 15%.

2.the output data tested according to IES TM-30-15.

3.the output data is based on IP20/1merter, data of 5m in only for reference.

Recommended	Solution			Soldering-free Con	nector		
Name	Picture	Model	Remark	Picture	Model	Remark	
Profile		LS1613	16mm		CXB208-DFTA	2PIN, wire to board(without wire), suitable for 8mm single Color IP20 strips	
Power Supply	۱	LRS-XXX-24	Constant voltage 24V, Not waterproof, Non-dimming	 	CBB208-DFTA	2PIN, board to board, suitable for 8mm single Color IP20 strips	
Controller		CR1-GBA	12-48V monochromatic dimming controller		CBBL208-DFTA	2PIN, board to board (L shape), suitable for 8mm single Color IP20 strips	
Remote Control		CK1-GBA	Monochromatic dimming controller, in conjunction with controller	1 Be			

Code: ST C8240

THORN

Led Strips





Features

- . 24V single LED per cut for more flexible application.
- · Mini cut unitting up to 4.17mm.
- \cdot Parameter matches with traditional ones, better for stock management.
- · Self-encapsulated design offers 6 optional 2300-6000K white lights.
- With life span over 60000H.
- · Ta: -25~40℃; Tc: 75℃ (max)



Basic Parameters

MODEL NO.	CRI	сст	Input voltage (V)	Rated power (W/m)	Lumen (Lm/m)	Lm/W
		2300K			2220	100
		2700K			2490	113
LINE LED C2 ST C8240	. 00	3000K	24	22	2700	123
	>90	4000K	24	22	2750	125
		4000K			2900	132
		6000K			2800	127

Note:

1. The tolerance of output data can be vary up to 15%.

2.the output data tested according to IES TM-30-15.

3.the output data is based on IP20/1merter, data of 5m in only for reference.

Recommended.	Solution			S	oldering-free Cor	nnector		
Name	Picture	Model	Remark		Picture	Model	Remark	
Profile		LS1613	16mm		١	CXB210-DFTA	2PIN, wire to board(without wire), suitable for 10mm single Color IP20 strips	
Power Supply	۱	LRS-XXX-24	Constant voltage 24V, Not waterproof, Non-dimming			CBB210-DFTA	2PIN, board to board, suitable for 10mm single Color IP20 strips	
Controller		CR1-GBA	12-48V monochromatic dimming controller			CBBL210-DFTA	2PIN, board to board (L shape), suitable for	
Remote Control		CK1-GBA	Monochromatic dimming controller, in conjunction with controller		1 miles		10mm single Color IP20 strips	

Code: ST C8168SWW

THORN

Led Strips





Features

- . Free cutting and connecting by soldering-free connectors.
- · Tunable white with high lumen.
- · Mini cut unit up to 5.92mm.
- · Parameter matches with traditional ones, better for stock management.
- \cdot With life span over 60000H.
- · Ta: -25~40℃; Tc: 75℃ (max)



outer ig offet option

Basic Parameters

MODEL NO.	CRI	сст	Input voltage (V)	Rated power (W/m)	Lumen (Lm/m)	Lm/W
LINE LED C2 ST		2700K			1245	130
C8168SWW	>90	6000K	24	24 18	1220	129
		2700+6000K			2300	130

Note:

1. The tolerance of output data can be vary up to 15%.

2.the output data tested according to IES TM-30-15.

3.the output data is based on IP20/1merter, data of 5m in only for reference.

Recommended	Solution		
Name	Picture	Model	Remark
Profile		LS1613	E Ismm
Power Supply		LRS-XXX-24	Constant voltage 24V, Not waterproof, Non-dimming
Controller		CR2-GBA	12-48V White Light Symphony dimming controller
Remote Control		CK2-GBA	White light magic Color dimming remote control, used with the controller

LED STRIPS





Code: ST PD80

THORN

Led Strips





Cutting Unit: 100mm

Features

- . Color consistency SDCM<3.
- .Max.180° beam angle light-emitting.
- . Free connecting by soldering-free connectors.
- . Reel to reel production, few or no soldering joints.
- . 5 years warranty.

Basic	Parai	meters

MODEL NO.	CRI	ССТ	Input voltage (V)	Rated power (W/m)	Lumen (Lm/m)	Lm/W
		2700К			410	85
LINE LED C2 ST PD80	. 00	3000K	24	4.0	440	91
	>90	4000K	24	4.8	450	85
		6500K			460	95

Note:

1. The tolerance of output data can be vary up to 15%.

2.the output data tested according to IES TM-30-15.

3.the output data is based on IP20/1merter, data of 5m in only for reference.

ecommended S	Solution		
Name	Picture	Model	Remark
Profile		LS1613	16mm
Power Supply	*	LRS-XXX-24	Constant voltage 24V, Not waterproof, Non-dimming
Controller	· File ()	CR1-GBA	12-48V monochromatic dimming controller
Remote Control		CK1-GBA	Monochromatic dimming controller, in conjunction with controller

Code: **ST PD128**

THORN

Led Strips





Features

- . Color consistency SDCM<3.
- .Max.180° beam angle light-emitting.
- . Free connecting by soldering-free connectors.
- . Reel to reel production, few or no soldering joints.
- . 5 years warranty.

Basic Pa	rameters

MODEL NO.	CRI	ССТ	Input voltage (V)	Rated power (W/m)	Lumen (Lm/m)	Lm/W
LINE LED C2 ST PD128		2700К			815	85
	. 00	3000K	24	0.5	870	91
	>90	4000K	24	9.6	890	93
		6500K			910	95

Note:

1. The tolerance of output data can be vary up to 15%.

2.the output data tested according to IES TM-30-15.

3.the output data is based on IP20/1merter, data of 5m in only for reference.

4.IP protection process leads changes to size, CCT and luminous flux.

-

Recommended	Solution				Soldering-free Con	nector		
Name	Picture	Model	Remark		Picture	Model	Remark	
Profile		LS1613	16mm			CXB208-DFTA	2PIN, wire to board(withou wire), suitable for 8mm sir Color IP20 strips	
Power Supply		LRS-XXX-24	Constant voltage 24V, Not waterproof, Non-dimming		-	CBB208-DFTA	2PIN, board to board, suitable for 8mm single Color IP20 strips	
Controller		CR1-GBA	12-48V monochromatic dimming controller			CBBL208-DFTA	2PIN, board to board (L shape), suitable for 8mm	
Remote Control		CK1-GBA	Monochromatic dimming controller, in conjunction with controller	E.S.		13.0	single Color IP20 strips	

THORN

Led Strips





Features

- . Color consistency SDCM<3.
- .Max.180° beam angle light-emitting.
- . Free connecting by soldering-free connectors.
- . Reel to reel production, few or no soldering joints.
- . 5 years warranty.

244.	0-0000-0	244	T.
	Cutting Unit: 50mm		

Basic Parameters

MODEL NO.	CRI	ССТ	Input voltage (V)	Rated power (W/m)	Lumen (Lm/m)	Lm/W
LINE LED C2 ST PD160		2700K			1220	85
	>90	3000K	24	14.4	1310	91
	>90	4000K	24	14.4	1340	
		6500K			1370	95

Note:

1. The tolerance of output data can be vary up to 15%.

2.the output data tested according to IES TM-30-15.

3.the output data is based on IP20/1merter, data of 5m in only for reference.

4.IP protection process leads changes to size, CCT and luminous flux.

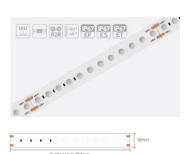
Soldering-free Connector

Picture	Model	Remark
	CXB208-DFTA	2PIN, wire to board(without wire), suitable for 8mm single Color IP20 strips
-	CBB208-DFTA	2PIN, board to board, suitable for 8mm single Color IP20 strips
	CBBL208-DFTA	2PIN, board to board (L shape), suitable for 8mm single Color IP20 strips

THORN

Led Strips





Features

- . Color consistency SDCM<3.
- . Reel to reel production, few or no soldering joints.
- . 5 years warranty.

MODEL NO.	CRI	сст	Input voltage (V)	Rated power (W/m)	Lumen (Lm/m)	Lm/W
LINE LED C2 ST PD 120		2700К			51	
	. 00	3000K	401/		520	54
	>90	4000K	48V	9.6	555	58
		6500K			575	60

Note:

1. The tolerance of output data can be vary up to 15%.

2.the output data tested according to IES TM-30-15.

3.the output data is based on IP20/1merter, data of 5m in only for reference.

4.IP protection process leads changes to size, CCT and luminous flux.

Recommended Solution

Name	Picture	Model	Remark
Profile		LS1613	ument light the second
Power Supply		LRS-XXX-24/48	Constant voltage 24V/48V, Not waterproof, Non-dimming
Controller		CR1-GBA	12-48V monochromatic dimming controller
Remote Control		CK1-GBA	Monochromatic dimming controller, in conjunction with controller

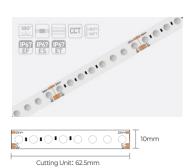
Name: LINE LED C2

Code: ST PD128SWW

THORN

Led Strips





Features

- .Max.180° beam angle light-emitting.
- . Free connecting by soldering-free connectors.
- . High density LEDs, no shadow.
- . 5 years warranty.

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MODEL NO.	CRI	ССТ	Input voltage (V)	Rated power (W/m)	Lumen (Lm/m)	Lm/W
LINE LED C2 ST PD128SWW		2700К			350	81
	>90	6500K	24	18	380	88
		2700K+6500K			1500	83

Note:

1. The tolerance of output data can be vary up to 15%.

2.the output data tested according to IES TM-30-15.

3.the output data is based on IP20/1merter, data of 5m in only for reference.

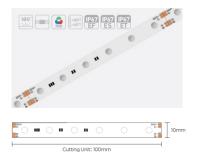
Recommended	commended Solution			Soldering-free Cor	nector	
Name	Picture	Model	Remark	Picture	Model	Remark
Profile		LS1613	16mm		CXB310-DFTA	3PIN, wire to board(without wire), suitable for 10mm CCT&SPI IP20 strips
Power Supply	۱	LRS-XXX-24	Constant voltage 24V, Not waterproof, Non-dimming		CBB310-DFTA	3PIN, board to board, suitable for 10mm CCT&SPI strips
Controller		CR2-GBA	12-48V White Light Symphony dimming controller		CBBL310-DFTA	3PIN, board to board (L shape), suitable for 10mm CCT&SPI IP20 strips
Remote Control		CK2-GBA	White light magic Color dimming remote control, used with the controller			

Code: ST PD60RGB

THORN

Led Strips





Features

- · Max.180° beam angle light-emitting.
- . Free connecting by soldering-free connectors.
- . Replacement for SMD RGB strips.
- . 5 years warranty.

Basic Parameters

MODEL NO.	CRI	сст	Input voltage (V)	Rated power (W/m)	Lumen (Lm/m)	Lm/W	
LINE LED C2 ST PD60RGB		R	24			64	20
	/	G		0.6	179	56	
	/	В	24	9.6	58	18	
		RGB			300	31	

Note:

1. The tolerance of output data can be vary up to 15%.

2.the output data tested according to IES TM-30-15.

3.the output data is based on IP20/1merter, data of 5m in only for reference.

4.IP protection process leads changes to size, CCT and luminous flux.

Recommended Solution

Name	Picture	Model	Remark
Profile		LS1607	
Power Supply		LRS-XXX-24	Constant voltage 24V, Not waterproof, Non-dimming
Controller	· · · · · · · · · · · · · · · · · · ·	CR3-GBA	12-48V RGBW Symphony dimming controller
Remote Control	Ŷ	CK4-GBA	RGBW dimming remote controller, used with controller

Code: ST PD120RGB

THORN

Led Strips





Features

- · Max.180° beam angle light-emitting.
- . Free connecting by soldering-free connectors.
- . Replacement for SMD RGB strips.
- . 5 years warranty.

MODEL NO.	CRI	сст	Input voltage (V)	Rated power (W/m)	Lumen (Lm/m)	Lm/W
LINE LED C2 ST PD120RGB		R			96	
	/	G	24	14.4	269	56
	/	В	24	14,4	86	18
		RGB			450	31

Note:

1. The tolerance of output data can be vary up to 15%.

2.the output data tested according to IES TM-30-15.

3.the output data is based on IP20/1merter, data of 5m in only for reference.

4.IP protection process leads changes to size, CCT and luminous flux.

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Recommended	Solution				Soldering-free Col	nnector		
Name	Picture	Model	Remark		Picture	Model	Remark	
Profile		LS1607	We W		1	CXB410-DFTA	4PIN, wire to board(witho wire), suitable for 10mm (IP20 strips	
Power Supply		LRS-XXX-24	Constant voltage 24V, Not waterproof, Non-dimming		-	CBB410-DFTA	4PIN, board to board, suitable for 10mm RGB strips	
Controller		CR3-GBA	12-48V RGBW Symphony dimming controller		Sec. 1	CBBL410-DFTA	4PIN, board to board (L shape), suitable for	
Remote Control	Ì	CK4-GBA	RGBW dimming remote controller, used with controller			10mm RGB IP20 strips		

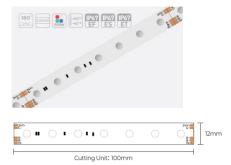
Name: LINE LED C2

Code: ST PD70RGBW

THORN

Led Strips





Features

- · Max.180° beam angle light-emitting.
- . Free connecting by soldering-free connectors.
- . High density LEDs, no shadow.
- . 5 years warranty.

Basic Parameters

MODEL NO.	CRI	сст	Input voltage (V)	Rated power (W/m)	Lumen (Lm/m)	Lm/W
LINE LED C2 ST PD70RGBW		RGB+2700K		16.0	640	38
	1	RGB+3000K			655	39
	/	RGB+4000K	24	16.8	640	38
		RGB+6500K			640	39

Note:

1. The tolerance of output data can be vary up to 15%.

2.the output data tested according to IES TM-30-15.

3.the output data is based on IP20/1merter, data of 5m in only for reference.

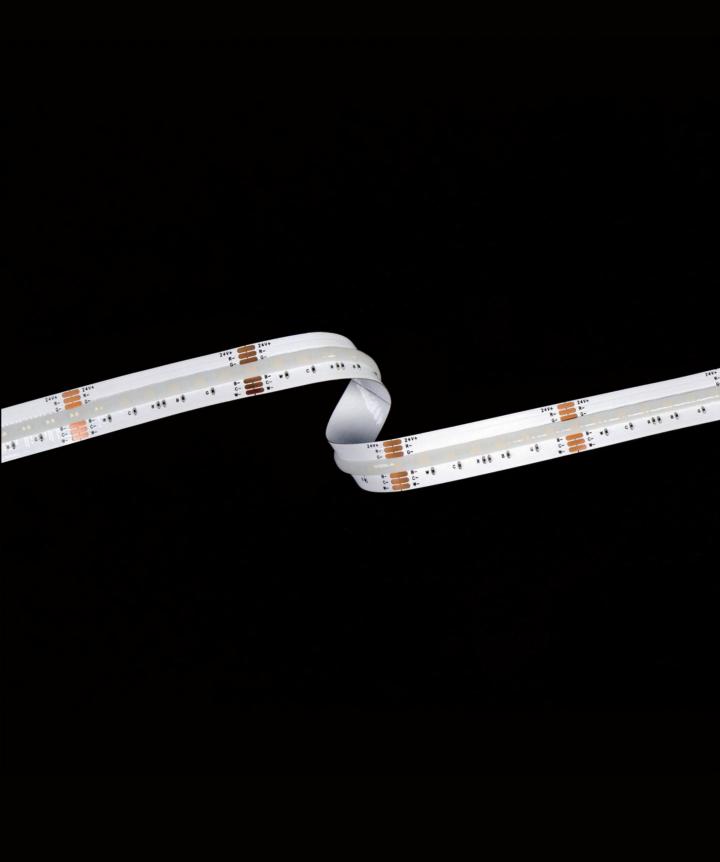
4.IP protection process leads changes to size, CCT and luminous flux.

Recommended Solution

Name	Picture	Model	Remark
Profile		LS2013	g Journ g Match only with LED strip for heat dissipation
Power Supply		LRS-XXX-24	Constant voltage 24V, Not waterproof, Non-dimming
Controller		CR4-GBA	12-48V RGBW Symphony dimming controller
Remote Control	\bigotimes	CK4-GBA	RGBW dimming remote controller, used with controller

LED STRIPS

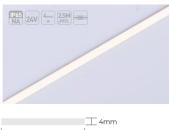
CSP LINEAR



THORN

Led Strips





Features

- . Super slim 4mm for narrow space.
- . Free connecting by soldering-free connectors.
- . 5 years warranty.

	_	
	1	
	1	
Cutting Unit: 16.67mm		

Basic Parameters

MODEL NO.	CRI	ССТ	Input voltage (V)	Rated power (W/m)	Lumen (Lm/m)	Lm/W
	>90	2700К	24	9	665	74
		3000K			680	76
LINE LED C2 ST DP7		4000K			750	83
		6500K			765	85

Note:

1. The tolerance of output data can be vary up to 15%.

2.the output data tested according to IES TM-30-15.

3.the output data is based on IP20/1merter, data of 5m in only for reference.

4.IP protection process leads changes to size, CCT and luminous flux.

Recommended Solution

necommenaca	Solution		
Name	Picture	Model	Remark
Profile		LS0709	5.2mm
Power Supply		LRS-XXX-24	Constant voltage 24V, Not waterproof, Non-dimming
Controller	1	CR1-GBA	12-48V monochromatic dimming controller
Remote Control		CK1-GBA	Monochromatic dimming controller, in conjunction with controller
Board- to-board connector	1 35	94-03-00-0071	Suitable for 4mm FPC/2PIN Cable/board-to-board/ solder-free (quick) connector

Code: ST DP10

THORN

Led Strips





Features

- . Light line and dot-free with big emitting angle.
- . Stronger Anti-bending Resistance. . Milky Surface Without " Yellow".
- . Easy installation and maintaining

2	280- 241-	9	_
H		-	
	Outting Unit! 29.41mm		

Basic Parameters

MODEL NO.	CRI	ССТ	Input voltage (V)	Rated power (W/m)	Lumen (Lm/m)	Lm/W	
	>90	2700К	24			940	96
		3000K		10	1000	100	
LINE LED C2 ST DP10		4000K			970	97	
		6500K			1155	115	

Note:

1. The tolerance of output data can be vary up to 15%.

2.the output data tested according to IES TM-30-15.

3.the output data is based on IP20/1merter, data of 5m in only for reference.

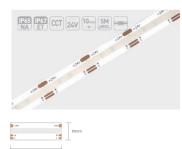
Recommended Solution					Soldering-free Con	nector	
Name	Picture	Model	Remark		Picture	Model	Remark
Profile	-	LS1613	16mm			CXB208-DFTA	2PIN, wire to board(without wire), suitable for 8mm single Color IP20 strips
Power Supply	۱	LRS-XXX-24	Constant voltage 24V, Not waterproof, Non-dimming		-	CBB208-DFTA	2PIN, board to board, suitable for 8mm single Color IP20 strips
Controller		CR1-GBA	12-48V monochromatic dimming controller			CBBL208-DFTA	2PIN, board to board (L shape), suitable for 8mm
Remote Control		CK1-GBA	Monochromatic dimming controller, in conjunction with controller		1 Sec.		single Color IP20 strips

Code: ST DP17SWW

THORN

Led Strips





Features

- . High line and dot-free with big emitting angel
- . Hight lumen, 1500LM/m
- . Easy installation and maintaining

Basic Parameters	
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MODEL NO.	CRI	ССТ	Input voltage (V)			Lm/W
		2700К			675	75
LINE LED C2 ST DP17SWW	>90	6500K	27	18	750	83
		2700-6500K			1500	83

Note:

1. The tolerance of output data can be vary up to 15%.

2.the output data tested according to IES TM-30-15.

3.the output data is based on IP20/1merter, data of 5m in only for reference.

4.IP protection process leads changes to size, CCT and luminous flux.

Recommended	Solution			Soldering-free Con	nector	
Name	Picture	Model	Remark	Picture	Model	Remark
Profile		LS1613	16mm	B	CXB308-DFTA	3PIN, wire to board (without wire), suitable for 10mm CCT&SPI IP20 strips
Power Supply		LRS-XXX-24	Constant voltage 24V, Not waterproof, Non-dimming	()	CBB308-DFTA	3PIN, board to board, suitable for 10mm CCT&SPI strips
Controller		CR2-GBA	12-48V White Light Symphony dimming controller	C. S.	CBBL308-DFTA	3PIN, board to board (L shape), suitable for 10mm CCT&SPI IP20 strips
Remote Control		CK2-GBA	White light magic Color dimming remote control,			

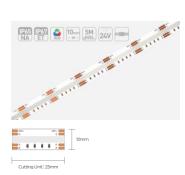
used with the controller

Code: ST DP4RGB

THORN

Led Strips





Features

- . Linear RGB light bar without light spot, large light-emittingangle
- . Widely adapted to various controllers
- . High quality FPC, high thermal conductivity 3M glue
- · Ta: -25~40 ℃; Tc: 75 ℃ (max)

Basic Parameters

MODEL NO.	CRI	сст	Input voltage (V)	Rated power (W/m)	Lumen (Lm/m)	Lm/W	
	/	R	24			180	25
LINE LED C2 ST		G		14.4	550	115	
DP4RGB		В			40	18	
		RGB			805	56	

Note:

1. The tolerance of output data can be vary up to 15%.

2.the output data tested according to IES TM-30-15.

3.the output data is based on IP20/1merter, data of 5m in only for reference.

Recommended Solution					Soldering-free Con	nector	
Name	Picture	Model	Remark		Picture	Model	Remark
Profile	a a	LS1607	ug l		(A)	CXB410-DFTA	4PIN, wire to board (without wire), suitable for 10mm RGB IP20 strips
Power Supply	۱	LRS-XXX-24	Constant voltage 24V, Not waterproof, Non-dimming		-	CBB410-DFTA	4PIN, board to board, suitable for 10mm RGB strips
Controller		CR3-GBA	12-48V RGBW Symphony dimming controller			CBBL410-DFTA	4PIN, board to board (L shape), suitable for 10mm
Remote Control	Ì	CK4-GBA	RGB dimming remote controller, used with controller		C BI		RGB IP20 strips

Code: ST DP6RGBW

THORN

Led Strips





Features

- . RGBW full color lights
- . Large beam angle
- . Widely adapted to various controllers
- . High quality FPC, high thermal conductivity 3M glue
- . Ta: -25~40C; Tc: 75C (max)

	EL	88	
	1	1	
Cut	ting Unit: 33	3.33mm	

Basic Parameters

MODEL NO.	CRI	ССТ	Input voltage (V)	Rated power (W/m)	Lumen (Lm/m)	Lm/W
	>90	RGB+2700K	24	16.8	990	59
LINE LED C2 ST		RGB+3000K			990	59
DP6RGBW		RGB+4000K			1060	63
		RGB+6000K			1025	61

Note:

1. The tolerance of output data can be vary up to 15%.

2.the output data tested according to IES TM-30-15.

3.the output data is based on IP20/1merter, data of 5m in only for reference.

Recommended Solution											
Name	Picture	Model	Remark								
Profile		LS2013	Match only with LED strip for heat dissipation								
Power Supply		LRS-XXX-24	Constant voltage 24V, Not waterproof, Non-dimming								
Controller		CR4-GBA	12-48V RGBW Symphony dimming controller								
Remote Control	\bigotimes	CK4-GBA	RGBW dimming remote controller, used with controller								

Name: LINE LED C2

Code: **ST DP11RGBSWW**

THORN

Led Strips





Features

- . RGB+CCT, Five-cover light strip
- . Stronger Anti-bending Resistance
- . Milky Surface Without "Yellow"
- . Easy installation and maintaining.



Basic Parameters

MODEL NO.	CRI	ССТ	Input voltage (V)	Rated power (W/m)	Lumen (Lm/m)	Lm/W
	/	R		18W	105	26
	/	G			340	114
LINE LED C2 ST	/	В	24V		60	20
DP11RGBSWW	>90	2700К	24V		320	80
	>90	6500K			330	82
	/	RGB+2700K+6500K			1190	66

Note:

1. The tolerance of output data can be vary up to 15%.

2.the output data tested according to IES TM-30-15.

3.the output data is based on IP20/1merter

Recommended S	Recommended Solution										
Name	Picture	Model	Remark								
Profile		LS2013	Match only with LED strip for heat dissipation								
Controller	1. aller	CR5-GBA	12-48V RGB LW W Dimming Controller								
Remote Control	10	CK5-GBA	RGB LW W dimming remote controller, used with controller								
Power Supply		LRS-XXX-24	Constant voltage 24V, Not waterproof,Non-dimming								

Code: ST DPS4RGB

THORN

Led Strips





Features

- . 10 Pixels/m, RGB water lamp belt.
- . Can be used with a simple controller.
- . Stronger Anti-bending Resistance.
- · Ta: -20~40 ℃; Tc: 75 °C (max)

Basic Parameters

MODEL NO.	CRI	сст	Input voltage (V)	Rated power (W/m)	Lumen (Lm/m)	Lm/W
	/	R	24	12	90	19
LINE LED C2 ST		G			360	77
DPS4RGB		В			60	13
		RGB			470	41

Note:

1. The tolerance of output data can be vary up to 15%.

2.the output data tested according to IES TM-30-15.

3.the output data is based on IP20/1merter, data of 5m in only for reference.

4.IP protection process leads changes to size, CCT and luminous flux.

5.IC:WS2811F

Recommended	Solution			Solo	dering-free Co	nnector	
Name	Picture	Model	Remark		Picture	Model	Remark
Profile	-	LS1613	USE ISON		Ö	CXB310-DFTA	3PIN, wire to board (without wire), suitable for 10mm CCT&SPI IP20 strips
Power Supply	*	LRS-XXX-24	Constant voltage 24V, Not waterproof, Non-dimming			CBB310-DFTA	3PIN, board to board, suitable for 10mm CCT&SPI strips
Controller		K-1000C	RC5-24V programmable digital controller			CBBL310-DFTA	3PIN, board to board (L shape), suitable for 10mm CCT&SPI IP20 strips

Code: ST DPS4RGBW

THORN

Led Strips





Features

- . 12 Pixels/m, RGBW water lamp belt.
- . Can be used with a simple controller.
- . Stronger Anti-bending Resistance.
- · Ta: -20~40 ℃; Tc: 75 °C (max)

Basic Parameters

MODEL NO.	CRI	сст	Input voltage (V)	Rated power (W/m)	Lumen (Lm/m)	Lm/W
		R		18	105	19
		G	24		345	64
LINE LED C2 ST DPS4RGBW	/	В			60	11
		3000K			300	54
		RGB			790	43

Note:

1. The tolerance of output data can be vary up to 15%.

2.the output data tested according to IES TM-30-15.

3.the output data is based on IP20/1merter, data of 5m in only for reference.

4.IP protection process leads changes to size, CCT and luminous flux.

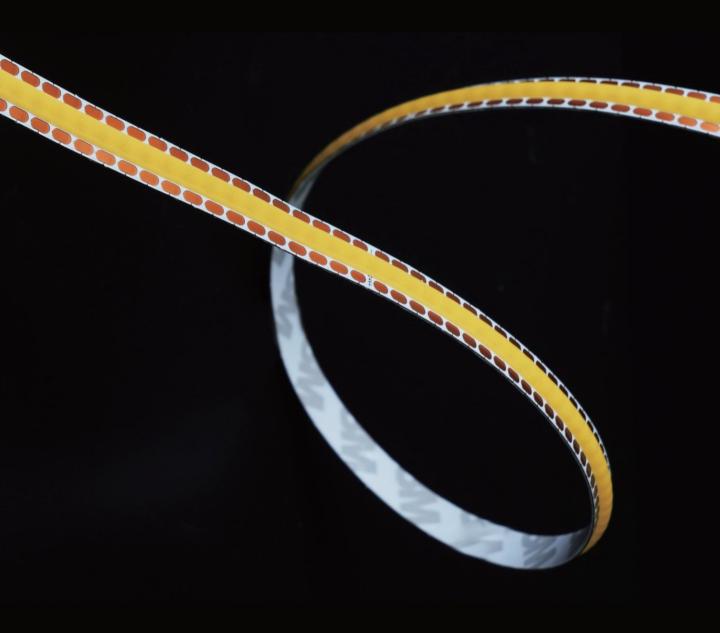
5.IC:WC2811F

Recommended Solution

'	iccommentaca :	oration		
	Name	Picture	Model	Remark
	Profile		LS1613	16mm
	Power Supply		LRS-XXX-24	Constant voltage 24V, Not waterproof, Non-dimming
	Controller		K-1000C	RC5-24V programmable digital controller

LED STRIPS

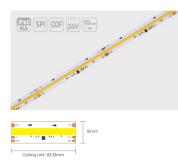
COB



THORN

Led Strips





Features

- . 12 Pixels/m,white water lamp belt
- . Can be used with a simple controller
- . Easy installation and maintaining
- . Ta: -20~40°C; Tc=75° (max)

Basic Parameters

MODEL NO.	CRI	ССТ	Input voltage (V)	Rated power (W/m)	Lumen (Lm/m)	Lm/W
		2700К			540	45
	>90	3000K		10	610	51
LINE LED C2 ST DFS6		3500K	24		650	54
		4000K			670	56
		6500K			695	58

Note:

1. The tolerance of output data can be vary up to 15%.

2.the output data tested according to IES TM-30-15.

3.the output data is based on IP20/1merter, data of 5m in only for reference.

4.IP protection process leads changes to size, CCT and luminous flux.

5. IC: WS2811F

Recommended Solution

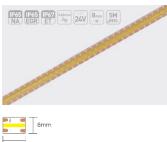
Recommended S	Solution				Soldering-free Cor	nnector		
Name	Picture	Model	Remark		Picture	Model	Remark	
Profile		LS1613	UEU OL		(A	CXB208-DFTA	2PIN, wire to board(without wire), suitable for 8mm single Color IP20 strips	
Controller	いに補助が	CR1-GBA	12-48V monochromatic dimming controller		-	CBB208-DFTA	2PIN, board to board, suitable for 8mm single Color IP20 strips	
Remote Control	()	CK1-GBA	Monochromatic dimming controller, in conjunction with controller			CBBL208-DFTA	2PIN, board to board (L shape), suitable for 8mm	
Power Supply	%	LRS-XXX-24	Constant voltage 24V, Not waterproof, Non-dimming	tage 24V, pof,			single Color IP20 strips	

Soldaring free Connector

THORN

Led Strips





Cutting Unit: 3.68mm

Basic Parameters

Input voltage Rated power Lumen MODEL NO. CRI ССТ Lm/W (W/m) (V) (Lm/m) 2700K 550 55 3000K 550 55 LINE LED C2 ST DF6N >90 3500K 24 10 550 55 4000K 60 600 6500K 600 60

Features

. Light line and free with big emitting angle. . Arbitrary cutting, each cutting unit is only 3.68mm

. 5 optional 2700K/3000K/3500K/4000K/6500K

. Easy installation and maintaining

Note:

1. The tolerance of output data can be vary up to 15%.

2.the output data tested according to IES TM-30-15.

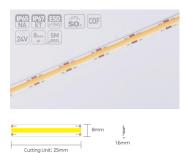
3.the output data is based on IP20/1merter, data of 5m in only for reference.

Recommended S	olution			Soldering-free Con	nector	
Name	Picture	Model	Remark	Picture	Model	Remark
Profile		LS1613	UEU	1	CXB208-DFTA	2PIN, wire to board(without wire), suitable for 8mm single Color IP20 strips
Controller	: 1: The !!!	CR1-GBA	12-48V monochromatic dimming controller	1	CBB208-DFTA	2PIN, board to board, suitable for 8mm single Color IP20 strips
Remote Control		CK1-GBA	Monochromatic dimming controller, in conjunction with controller		CBBL208-DFTA	2PIN, board to board (L shape), suitable for 8mm
Power Supply	>	LRS-XXX-24	Constant voltage 24V, Not waterproof, Non-dimming	and the second s		single Color IP20 strips

THORN

Led Strips







- . Light line and free with big emitting angle.
- . CRI >90, 83 LM/W@4000K.
- . Suit for furniture lighting and decorative lighting application.
- . 7 optional 2700K/3000K/4000K/6500K/R/G/B

Basic Parameters

MODEL NO.	CRI	ССТ	Input voltage (V)	Rated power (W/m)	Lumen (Lm/m)	Lm/W
		2700К			630	79
	>90	3000K	24		640	80
	>90	4000K		8	660	83
LINE LED C2 ST DF6		6500K			680	85
		R				
	/	G			/	/
		В				

Note:

1. The tolerance of output data can be vary up to 15%.

2.the output data tested according to IES TM-30-15.

3.the output data is based on IP20/1merter, data of 5m in only for reference.

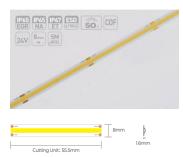
Re	ecommended Sc	olution			Solderi
	Name	Picture	Model	Remark	Pic
	Profile		LS1613	umpl I III III IIII IIII IIIIIIIIIIIIIIII	100
	Controller	·]: *******	CR1-GBA	12-48V monochromatic dimming controller	AP.
	Remote Control		CK1-GBA	Monochromatic dimming controller, in conjunction with controller	6
	Power Supply		LRS-XXX-24	Constant voltage 24V, Not waterproof, Non-dimming	4

Soldering-free Con	nector	
Picture	Model	Remark
	CXB208-DFTA	2PIN, wire to board(without wire), suitable for 8mm single Color IP20 strips
	CBB208-DFTA	2PIN, board to board, suitable for 8mm single Color IP20 strips
C.F.	CBBL208-DFTA	2PIN, board to board (L shape), suitable for 8mm single Color IP20 strips

THORN

Led Strips





Features

- . Light line and dot-free with big emitting angle.
- . CRI >90, 80LM/W, 800LM/M..
- . Easy installing and maintaining.
- . 7 optional 2700K/3000K/4000K/6500K/R/G/B

Basic Parameters

MODEL NO.	CRI	сст	Input voltage (V)	Rated power (W/m)	Lumen (Lm/m)	Lm/W
		2700К			790	79
	. 00	3000K			830	83
	>90	4000K		10	850	85
LINE LED C2 ST DF8		6500K	24		870	87
		R				
	/	/ G			/	/
		В				

Note:

1. The tolerance of output data can be vary up to 15%.

2.the output data tested according to IES TM-30-15.

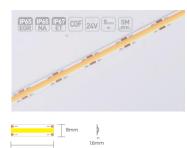
3.the output data is based on IP20/1merter, data of 5m in only for reference.

Recommended S	Solution			Soldering-free Con	nector		
Name	Picture	Model	Remark	Picture	Model	Remark	
Profile		LS1613	umpl		CXB208-DFTA	2PIN, wire to board(without wire), suitable for 8mm single Color IP20 strips	
Controller	:1: # # 1: 1	CR1-GBA	12-48V monochromatic dimming controller	1	CBB208-DFTA	2PIN, board to board, suitable for 8mm single Color IP20 strips	
Remote Control	0	CK1-GBA	Monochromatic dimming controller, in conjunction with controller		CBBL208-DFTA	2PIN, board to board (L shape), suitable for 8mm	
Power Supply	۱	LRS-XXX-24	Constant voltage 24V, Not waterproof, Non-dimming	1 Per		single Color IP20 strips	

THORN

Led Strips





Features

- . Light line and dot-free with big emitting angle.
- . CRI >90, 100LM/W, 1000LM/W.
- . Easy installation and maintaining.
- . 7 optional 2700K/3000K/4000K/6500K/R/G/B

Basic Parameters

Cutting Unit: 29.41m

MODEL NO.	CRI	сст	Input voltage (V)	Rated power (W/m)	Lumen (Lm/m)	Lm/W
		2700К	24		820	82
	. 00	3000K			900	90
	>90	4000K		10	980	98
LINE LED C2 ST DF10		6500K			1000	100
		R			65	7
	/	/ G			1190	126
		В			85	8

Note:

1. The tolerance of output data can be vary up to 15%.

2.the output data tested according to IES TM-30-15.

3.the output data is based on IP20/1merter, data of 5m in only for reference.

Recommended S	Solution			Soldering-free Con	nector		
Name	Picture	Model	Remark	Picture	Model	Remark	
Profile		LS1613	16mm WHQI		CXB208-DFTA	2PIN, wire to board (without wire), suitable for 8mm single Color IP20 strips	
Controller	· 1: Min. 1	CR1-GBA	12-48V monochromatic dimming controller		CBB208-DFTA	2PIN, board to board, suitable for 8mm single Color IP20 strips	
Remote Control		CK1-GBA	Monochromatic dimming controller, in conjunction with controller		CBBL208-DFTA	2PIN, board to board (L shape), suitable for 8mm	
Power Supply		LRS-XXX-24	Constant voltage 24V, Not waterproof, Non-dimming	1 See		single Color IP20 strips	

THORN

Led Strips





Features

- . Light line and dot-free with big emitting angle.
- . CRI >90, 100LM/W, 1500LM/W.
- . Easy installation and maintaining.
- . 4 optional 2700K/3000K/4000K/6500K

Cutur	19 OIII	L 20/4		

Basic Parameters

MODEL NO.	CRI	ССТ	Input voltage (V)	Rated power (W/m)	Lumen (Lm/m)	Lm/W
		2700K	24 15		1230	82
	. 00	3000K		1350	90	
LINE LED C2 ST DF15	>90	4000K		15	1470	98
		6500K			1500	100

Note:

1. The tolerance of output data can be vary up to 15%.

2.the output data tested according to IES TM-30-15.

3.the output data is based on IP20/1merter, data of 5m in only for reference.

4.IP protection process leads changes to size, CCT and luminous flux.

Recommended	Solu	tion
necommenaca	J U/4	1011

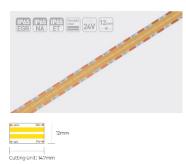
Recommended S	Solution			Soldering-free Con	nector		
Name	Picture	Model	Remark	Picture	Model	Remark	
Profile		LS1613	UEU I ISMM		CXB208-DFTA	2PIN, wire to board(without wire), suitable for 8mm single Color IP20 strips	
Controller	:注意:	CR1-GBA	12-48V monochromatic dimming controller	1	CBB208-DFTA	2PIN, board to board, suitable for 8mm single Color IP20 strips	
Remote Control	0	CK1-GBA	Monochromatic dimming controller, in conjunction with controller		CBBL208-DFTA	2PIN, board to board (L shape), suitable for 8mm	
Power Supply	۱	LRS-XXX-24	Constant voltage 24V, Not waterproof, Non-dimming	Be		single Color IP20 strips	

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THORN

Led Strips





Features

- . Light line and dot-free with big emitting angle.
- . CRI >90, 2000LM/W.
- . Easy installation and maintain.
- . Double row light belt, can be used with profiles.

Basic Parameters

MODEL NO.	CRI	сст	Input voltage (V)	Rated power (W/m)	Lumen (Lm/m)	Lm/W
		2700К			1630	83
		3000K			1720	87
LINE LED C2 ST DF20	>90	3500K	24	20	1720	87
		4000K			2095	105
		6500K			1890	96

Note:

1. The tolerance of output data can be vary up to 15%.

2.the output data tested according to IES TM-30-15.

3.the output data is based on IP20/1merter, data of 5m in only for reference.

4.IP protection process leads changes to size, CCT and luminous flux.

Recommended Solution

Name	Picture	Model	Remark		
Profile		LS2013	under the second		
Controller	いに変換しい	CR1-GBA	12-48V monochromatic dimming controller		
Remote Control		CK1-GBA	Monochromatic dimming controller, in conjunction with controller		
Power Supply		LRS-XXX-24	Constant voltage 24V, Not waterproof, Non-dimming		

LED STRIPS

HIGH EFFICIENCY

THORN

Led Strips





Features

- · Luminance efficiency up to 160LM/W.
- . Self-encapsulated design offers eight optional 1900-6000K white lights.
- With life span over 60000H.
- Ta: -25~40°C; Tc: 75°C (max)

Basic Parameters

MODEL NO.	CRI	сст	Input voltage (V)	Rated power (W/m)	Lumen (Lm/m)	Lm/W
LINE LED C2 ST D864	>80	1900K	24	4.3	510	119
		2300K			570	133
		2700K			620	144
		3000K			650	151
		3500K			660	153
		4000K			680	160
		5000K			680	160
		6000K			650	151
	>90	1900K	24	4.3	420	98
		2300K			470	109
		2700K			510	119
		3000K			540	126
		3500K			545	127
		4000K			560	130
		5000K			560	130
		6000K			540	126
	>95	1900K	24	4.3	415	97
		2300K			460	107
		2700K			495	115
		3000K			520	121
		3500K			530	123
		4000K			545	127
		5000K			545	127
	>0	G	24	4.3	410	95
		В			85	20

www.thornlighting.com

THORN Led Strips

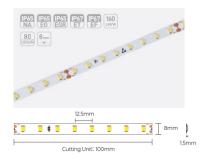
- 1. The tolerance of output data can be vary up to 15%.
- 2.the output data tested according to IES TM-30-15.
- 3.the output data is based on IP20/1merter, data of 5m in only for reference.
- 4.IP protection process leads changes to size, CCT and luminous flux.

Recommended S	Recommended Solution			Soldering-free Con	nector	
Name	Picture	Model	Remark	Picture	Model	Remark
Profile		LS1607	Match only with LED strip for heat dissipation		CXB208-DFTA	2PIN, wire to board (without wire), suitable for 8mm single Color IP20 strips
Power Supply	۱	LRS-XXX-24	Constant voltage 24V, Not waterproof, Non-dimming	1	CBB208-DFTA	2PIN, board to board, suitable for 8mm single Color IP20 strips
Controller		CR1-GBA	12-48V monochromatic dimming controller		CBBL208-DFTA	2PIN, board to board (L shape), suitable for 8mm
Remote Control		CK1-GBA	Monochromatic dimming controller, in conjunction with controller	DE.		single Color IP20 strips

THORN

Led Strips





Features

- · Luminance efficiency up to 160LM/W.
- . Self-encapsulated design offers eight optional 1900-6000K white lights.
- · With life span over 60000H.
- · Ta: -25~40℃; Tc: 75°C (max)

Basic Parameters

MODEL NO.	CRI	сст	Input voltage (V)	Rated power (W/m)	Lumen (Lm/m)	Lm/W
		1900K		800	800	121
		2300K			890	135
		2700K			960	145
	× 80	3000K			1010	153
	>80	3500K			1025	155
		4000K			1050	160
		5000K			1050	159
		6000K	24	6.6	1010	153
		1900K	24	6.6	640	97
	>90	2300K	-		715	108
		2700К			775	117
		3000K			815	123
LINE LED C2 ST D880		3500K			830	126
		4000K			850	129
		5000K			850	129
		6000K			815	123
		1900K			635	96
		2300K			705	107
		2700K			765	116
	>95	3000K	24	6.6	805	122
		3500K			820	124
		4000K			840	127
		5000K			805	122
	>0	G	24	6.6	625	95
	>0	В	24	0.0	132	20

THORN Led Strips

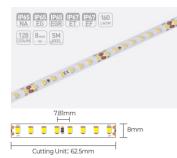
- 1. The tolerance of output data can be vary up to 15%.
- 2.the output data tested according to IES TM-30-15.
- 3.the output data is based on IP20/1merter, data of 5m in only for reference.
- 4.IP protection process leads changes to size, CCT and luminous flux.

Recommended Solution				Soldering-free Con	nector	
Name	Picture	Model	Remark	Picture	Model	Remark
Profile		LS1607	Match only with LED strip for heat dissipation	(A)	CXB208-DFTA	2PIN, wire to board (without wire), suitable for 8mm single Color IP20 strips
Power Supply	*	LRS-XXX-24	Constant voltage 24V, Not waterproof, Non-dimming	1	CBB208-DFTA	2PIN, board to board, suitable for 8mm single Color IP20 strips
Controller		CR1-GBA	12-48V monochromatic dimming controller		CBBL208-DFTA	2PIN, board to board (L shape), suitable for 8mm
Remote Control		CK1-GBA	Monochromatic dimming controller, in conjunction with controller	DR.		single Color IP20 strips

THORN

Led Strips





- · Luminance efficiency up to 160LM/W.
- . Self-encapsulated design offers eight optional 1900-6000K white lights.
- With life span over 60000H.
- Ta: -25~40°C; Tc: 75°C (max)

Basic Parameters	Basic	Parameters
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MODEL NO.	CRI	сст	Input voltage (V)	Rated power (W/m)	Lumen (Lm/m)	Lm/W
		1900K			1055	121
		2300K			1175	135
		2700K			1270	146
		3000K			1335	153
	>80	3500K			1355	156
		4000K			1390	160
		5000K			1390	160
		6000K		0.7	1335	153
		1900K	24	8.7	865	99
		2300K			960	110
	>90	2700K	· ·		1035	119
		3000K			1090	125
LINE LED C2 ST D8128		3500K			1105	127
		4000K			1135	130
		5000K			1135	130
		6000K			1090	125
		1900K			835	96
		2300K			930	107
		2700K			1005	116
	>95	3000K	24	8.7	1060	122
		3500K			1075	124
		4000K			1105	127
		5000K			1105	127
	>0	G	24	0.7	825	95
	>0	В	24	8.7	175	20

Name: LINE LED C2

Code: **ST D8128**

THORN Led Strips

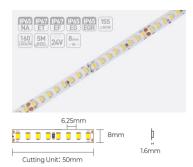
- 1. The tolerance of output data can be vary up to 15%.
- 2.the output data tested according to IES TM-30-15.
- 3.the output data is based on IP20/1merter, data of 5m in only for reference.
- 4.IP protection process leads changes to size, CCT and luminous flux.

Recommended	Recommended Solution				Soldering-free Con	nector	
Name	Picture	Model	Remark		Picture	Model	Remark
Profile		LS1613	ul		1	CXB208-DFTA	2PIN, wire to board (without wire), suitable for 8mm single Color IP20 strips
Power Supply		LRS-XXX-24	Constant voltage 24V, Not waterproof, Non-dimming		 	CBB208-DFTA	2PIN, board to board, suitable for 8mm single Color IP20 strips
Controller		CR1-GBA	12-48V monochromatic dimming controller			CBBL208-DFTA	2PIN, board to board (L shape), suitable for 8mm
Remote Control		CK1-GBA	Monochromatic dimming controller, in conjunction with controller		1 Pro		single Color IP20 strips

THORN

Led Strips





- · Luminance efficiency up to 155LM/W.
- . Self-encapsulated design offers eight optional 1900-6000K white lights.
- \cdot With life span over 60000H.
- Ta: -25~40°C; Tc: 75°C (max)

Basic Parameters

MODEL NO.	CRI	ССТ	Input voltage (V)	Rated power (W/m)	Lumen (Lm/m)	Lm/W
		1900K			1530	118
		2300K			1700	131
		2700K			1835	141
	>80	3000K			1935	149
	>80	3500K			1965	151
		4000K			2015	155
		5000K			2015	155
		6000K	24	12	1935	149
		1900K	24	13	1250	96
	>90	2300K			1390	107
		2700K	-		1505	116
		3000K			1585	122
LINE LED C2 ST D8160		3500K			1610	124
		4000K			1650	127
		5000K			1650	127
		6000K			1585	122
		1900K			1225	94
		2300K			1360	105
		2700K			1470	113
	>95	3000K	24	13	1545	119
		3500K			1570	121
		4000K			1610	124
		5000K			1610	124
	>0	G			1170	90
	20	В			260	20

THORN Led Strips

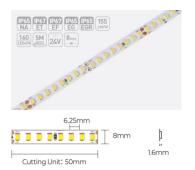
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- 3.the output data is based on IP20/1merter, data of 5m in only for reference.
- 4.IP protection process leads changes to size, CCT and luminous flux.

Recommended	Recommended Solution					nector	
Name	Picture	Model	Remark		Picture	Model	Remark
Profile		LS1613	16mm ump[CXB208-DFTA	2PIN, wire to board (without wire), suitable for 8mm single Color IP20 strips
Power Supply	۱	LRS-XXX-24	Constant voltage 24V, Not waterproof, Non-dimming		1	CBB208-DFTA	2PIN, board to board, suitable for 8mm single Color IP20 strips
Controller	· Films 1:	CR1-GBA	12-48V monochromatic dimming controller		C. A	CBBL208-DFTA	2PIN, board to board (L shape), suitable for 8mm
Remote Control		CK1-GBA	Monochromatic dimming controller, in conjunction with controller		Bee		single Color IP20 strips

THORN

Led Strips





Basic Parameters

- · Luminance efficiency up to 155LM/W.
- . Self-encapsulated design offers eight optional 1900-6000K white lights.
- With life span over 60000H.
- Ta: -25~40°C; Tc: 75°C (max)

MODEL NO.	CRI	сст	Input voltage (V)	Rated power (W/m)	Lumen (Lm/m)	Lm/W
		1900K			1880	118
		2300K			2090	131
		2700K			2260	141
	>80	3000K			2380	149
	>80	3500K			2420	151
		4000K			2480	155
		5000K			2480	155
		6000K	24	10	2380	149
		1900K	24	16	1505	94
	>90	2300K			1675	105
		2700K			1810	113
		3000K			1905	119
LINE LED C2 ST D8129		3500K			1935	121
		4000K			1985	124
		5000K			1985	124
		6000K			1905	119
		1900K			1495	93
		2300K			1660	104
		2700K			1795	112
	>95	3000K	24	16	1890	118
		3500K			1920	120
		4000K			1970	123
		5000K			1970	123
	. 0	G	24	10	1440	90
	>0	В	24	16	320	20

Name: LINE LED C2

Code: **ST D8129**

THORN Led Strips

Note:

- 1. The tolerance of output data can be vary up to 15%.
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- 3.the output data is based on IP20/1merter, data of 5m in only for reference.
- 4.IP protection process leads changes to size, CCT and luminous flux.

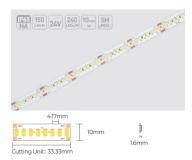
ecommended Solution					oldering-free Col	nnector		
Name	Picture	Model	Remark		Picture	Model	Remark	
Profile		LS1613			٨	CXB210-DFTA	2PIN, wire to board (without wire), suitable for 10mm sing Color IP20 strips	
Power Supply	۱	LRS-XXX-24	Constant voltage 24V, Not waterproof, Non-dimming			CBB210-DFTA	2PIN, board to board, suitable for 10mm single Color IP20 strips	
Controller		CR1-GBA	12-48V monochromatic dimming controller			CBBL210-DFTA	2PIN, board to board (L shape), suitable for	
Remote Control		CK1-GBA	Monochromatic dimming controller, in conjunction with controller		1 Star	CDDL210-DFTA	10mm single Color IP20 strips	

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Led Strips





- · Luminance efficiency up to 150LM/W.
- . Self-encapsulated design offers eight optional 1900-6000K white lights.
- With life span over 60000H.
- · Ta: -25~40 ℃; Tc: 75 °C (max)

MODEL NO.	CRI	ССТ	Input voltage (V)	Rated power (W/m)	Lumen (Lm/m)	Lm/W			
		1900K			2280	114			
		2300K			2530	127			
		2700K			2735	137			
		3000K			2880	144			
	>80	3500K			2925	146			
		4000K			3000 150 3000 150 2880 144 1880 94 2090 105				
		5000K			(Lm/m) 114 2280 114 2530 127 2735 137 2880 144 2925 146 3000 150 3000 150 2880 144 1880 94 2090 105 2260 113 2380 119 2420 121 2480 124 2380 119 1865 93 2075 104 2240 112 2360 118				
		6000K		20	2880	144			
		1900K	24	20	1880	94			
	>90	2300K			2090	105			
		2700K			2260	113			
		3000K			2380	119			
LINE LED C2 ST D8240		3500K			2420	121			
		4000K			2480	124			
		5000K	2480	124					
		6000K			2380	119			
		1900K			1865	93			
		2300K			2075	104			
		2700K			2240	112			
	>95	3000K	24	20	2360	118			
		3500K			2400	120			
		4000K			2460	123			
		5000K			2460	123			
	>0	G	24	20	1800	90			
	>0	В	24	20	400	20			

THORN Led Strips

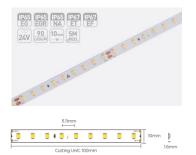
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- 2.the output data tested according to IES TM-30-15.
- 3.the output data is based on IP20/1merter, data of 5m in only for reference.
- 4.IP protection process leads changes to size, CCT and luminous flux.

Recommended	Solution			Soldering-free Cor	nnector	
Name	Picture	Model	Remark	Picture	Model	Remark
Profile		LS1613		١	CXB210-DFTA	2PIN, wire to board (without wire), suitable for 10mm single Color IP20 strips
Power Supply		LRS-XXX-24	Constant voltage 24V, Not waterproof, Non-dimming	-	CBB210-DFTA	2PIN, board to board, suitable for 10mm single Color IP20 strips
Controller		CR1-GBA	12-48V monochromatic dimming controller		CBBL210-DFTA	2PIN, board to board (L shape), suitable for 10mm
Remote Control		CK1-GBA	Monochromatic dimming controller, in conjunction with controller	ditter.		single Color IP20 strips

THORN

Led Strips





Features

- · Luminance efficiency up to 215LM/W.
- . Self-encapsulated design offers 4 optional 2700-6500K white lights.
- \cdot With life span over 60000H.
- · Ta: -25~40℃; Tc: 75°C (max)

Basic Parameters

MODEL NO.	CRI	сст	Input voltage (V)	Rated power (W/m)	Lumen (Lm/m)	Lm/W
		2700К			880	205
LINE LED ST D890	>80	3000K	24	12	885	206
LINE LED ST D890	>80	4000K	24	4.3	925	215
		6500K			860	200

Note:

1. The tolerance of output data can be vary up to 15%.

2.the output data tested according to IES TM-30-15.

3.the output data is based on IP20/1merter, data of 5m in only for reference.

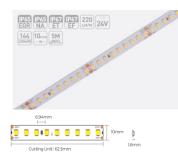
4.IP protection process leads changes to size, CCT and luminous flux.

Recommended	Solution			Soldering-free Col	nnector	
Name	Picture	Model	Remark	Picture	Model	Remark
Profile		LS1613	EED		CXB210-DFTA	2PIN, wire to board (without wire), suitable for 10mm single Color IP20 strips
Power Supply		LRS-XXX-24	Constant voltage 24V, Not waterproof, Non-dimming		CBB210-DFTA	2PIN, board to board, suitable for 10mm single Color IP20 strips
Controller		CR1-GBA	12-48V monochromatic dimming controller		CBBL210-DFTA	2PIN, board to board (L shape), suitable for 10mm
Remote Control		CK1-GBA	Monochromatic dimming controller, in conjunction with controller			single Color IP20 strips

THORN

Led Strips





Features

- · Luminance efficiency Max up to 215LM/W.
- . Self-encapsulated design offers 4 optional 2700-6500K white lights.
- With life span over 60000H.
- · Ta: -25~40℃; Tc: 75°C (max)

MODEL NO.	CRI	сст	Color	Input voltage (V)	Rated power (W/m)	Lumen (Lm/m)	Lm/W	ErP 2019
		2700K	SW			1415	202	В
LINE LED		3000K	WW	24	7	1435	205	В
C2 ST D8144	>80	4000K	NW	24	/	1505	215	В
		6500K	W			1400	200	В

Note:

1. The tolerance of output data can be vary up to 15%.

2.the output data tested according to IES TM-30-15.

3.the output data is based on IP20/1merter, data of 5m in only for reference.

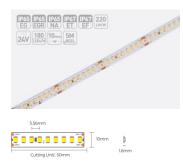
4.IP protection process leads changes to size, CCT and luminous flux.

Recommended	Solution			Soldering-free Cor	nector	
Name	Picture	Model	Remark	Picture	Model	Remark
Profile		LS1613	16mm	١	CXB210-DFTA	2PIN, wire to board (without wire), suitable for 10mm single Color IP20 strips
Power Supply		LRS-XXX-24	Constant voltage 24V, Not waterproof, Non-dimming		CBB210-DFTA	2PIN, board to board, suitable for 10mm single Color IP20 strips
Controller		CR1-GBA	12-48V monochromatic dimming controller		CBBL210-DFTA	2PIN, board to board (L shape), suitable for 10mm
Remote Control		CK1-GBA	Monochromatic dimming controller, in conjunction with controller			single Color IP20 strips

THORN

Led Strips





Features

- · Luminance efficiency Max up to 215LM/W.
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- · Ta: -25~40℃; Tc: 75°C (max)

MODEL NO.	CRI	сст	Input voltage (V)	Rated power (W/m)	Lumen (Lm/m)	Lm/W
		2700К			1765	203
	. 80	3000K		0.7	1780	205
LINE LED C2 ST D8180	>80	4000K	24	8.7	1870	215
		6500K			1740	200

Note:

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3.the output data is based on IP20/1merter, data of 5m in only for reference.

4.IP protection process leads changes to size, CCT and luminous flux.

Recommended	Solution			Soldering-free Cor	nnector	
Name	Picture	Model	Remark	Picture	Model	Remark
Profile		LS1613	16mm	١	CXB210-DFTA	2PIN, wire to board (with wire), suitable for 10mm single Color IP20 strips
Power Supply	۱	LRS-XXX-24	Constant voltage 24V, Not waterproof, Non-dimming		CBB210-DFTA	2PIN, board to board, suitable for 10mm single Color IP20 strips
Controller		CR1-GBA	12-48V monochromatic dimming controller		CBBL210-DFTA	2PIN, board to board (L shape), suitable for 10n
Remote Control		CK1-GBA	Monochromatic dimming controller, in conjunction with controller			single Color IP20 strips