

CONTENT



FREE CUTTING

01



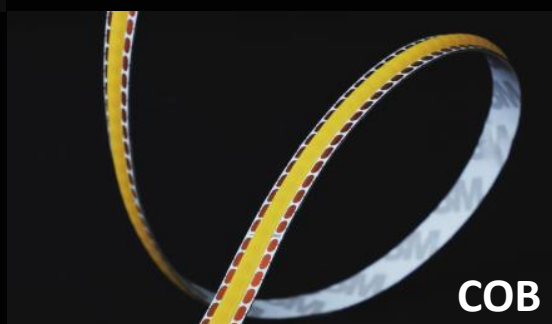
CSP DOT

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CSP LINEAR

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COB

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HIGH EFFICIENCY

05

LED STRIPS

FREE CUTTING

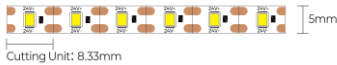


Name: LINE LED C2

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 °C; Tc: 75 °C (max)


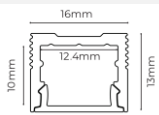



Basic Parameters

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




Note:

1. The tolerance of output data can vary up to 15%.
2. The output data tested according to IES TM-30-15.
3. The output data is based on IP20/1meter, 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	
Power Supply		LRS-XXX-24	Constant voltage 24V, Not waterproof, Non-dimming
Controller		CR1-GBA	12-48V monochromatic dimming controller
Remote Control		CK1-GBA	Monochromatic dimming controller, in conjunction with controller

Soldering-free Connector

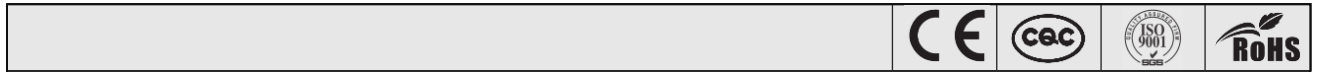
Picture	Model	Remark
	CXB205-DFTA	2PIN, wire to board (without wire), suitable for 5mm single Color IP20 strips
	CBB205-DFTA	2PIN, board to board, suitable for 5mm single Color IP20 strips
	CBBL205-DFTA	2PIN, board to board (L shape), suitable for 5mm single Color IP20 strips

Name: LINE LED C2

Code: ST CR8120

THORN

Led Strips



Features

- Reel to reel process, no soldering joint.
- 24V single LED per cut for more flexible application.
- Mini cut uniting 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 °C; Tc: 75 °C (max)

Basic Parameters

MODEL NO.	CRI	CCT	Input voltage (V)	Rated power (W/m)	Lumen (Lm/m)	Lm/W
LINE LED C2 ST CR8120	>90	2300K	24	4.8	530	110
		2700K			570	120
		3000K			620	130
		3500K			650	135
		4000K			670	140
		6000K			640	134
		2300K		9,6	1000	105
		2700K			1100	117
		3000K			1220	127
		3500K			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 IP20/1meter, 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	
Power Supply		LRS-XXX-24	Constant voltage 24V, Not waterproof, Non-dimming
Controller		CR1-GBA	12-48V monochromatic dimming controller
Remote Control		CK1-GBA	Monochromatic dimming controller, in conjunction with controller

Soldering-free Connector

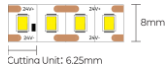
Picture	Model	Remark
	CXB208-DFTA	2PIN, wire to board (without wire), suitable for 8mm single Color IP20 strips
	CBB208-DFTA	2PIN, board to board, suitable for 8mm single Color IP20 strips
	CBBL208-DFTA	2PIN, board to board (L shape), suitable for 8mm single Color IP20 strips

Name: LINE LED C2

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 uniting 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 °C; Tc: 75 °C (max)

Basic Parameters

MODEL NO.	CRI	CCT	Input voltage (V)	Rated power (W/m)	Lumen (Lm/m)	Lm/W
LINE LED C2 ST CR8160	>90	2300K	24	9.6	1000	105
		2700K			1100	117
		3000K			1220	127
		3500K			1250	130
		4000K			1300	136
		6000K			1260	131
		2300K		14.4	1510	105
		2700K			1660	115
		3000K			1800	125
		3500K			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 IP20/1mtrter, 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	
Power Supply		LRS-XXX-24	Constant voltage 24V, Not waterproof, Non-dimming
Controller		CR1-GBA	12-48V monochromatic dimming controller
Remote Control		CK1-GBA	Monochromatic dimming controller, in conjunction with controller

Soldering-free Connector

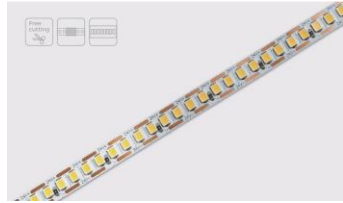
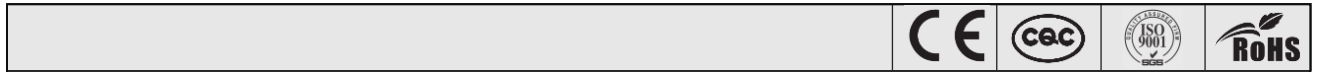
Picture	Model	Remark
	CXB208-DFTA	2PIN, wire to board (without wire), suitable for 8mm single Color IP20 strips
	CBB208-DFTA	2PIN, board to board, suitable for 8mm single Color IP20 strips
	CBBL208-DFTA	2PIN, board to board (L shape), suitable for 8mm single Color IP20 strips

Name: LINE LED C2

Code: ST C8200

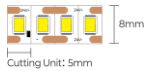
THORN

Led Strips



Features

- 24V single LED per cut for more flexible application.
- Mini cutting unitting up to 5mm.
- 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 °C; Tc: 75 °C (max)



Basic Parameters

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

Note:

1. The tolerance of output data can vary up to 15%.
2. The output data tested according to IES TM-30-15.
3. The output data is based on IP20/1meter, 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	
Power Supply		LRS-XXX-24	Constant voltage 24V, Not waterproof, Non-dimming
Controller		CR1-GBA	12-48V monochromatic dimming controller
Remote Control		CK1-GBA	Monochromatic dimming controller, in conjunction with controller

Soldering-free Connector

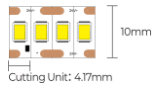
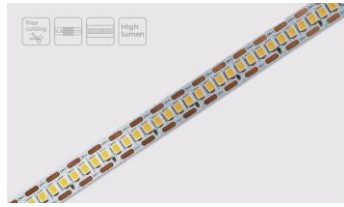
Picture	Model	Remark
	CXB208-DFTA	2PIN, wire to board (without wire), suitable for 8mm single Color IP20 strips
	CBB208-DFTA	2PIN, board to board, suitable for 8mm single Color IP20 strips
	CBBL208-DFTA	2PIN, board to board (L shape), suitable for 8mm single Color IP20 strips

Name: LINE LED C2

Code: ST C8240

THORN

Led Strips



Features

- 24V single LED per cut for more flexible application.
- Mini cut unitting up to 4.17mm.
- 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 °C; Tc: 75 °C (max)

Basic Parameters

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

Note:

1. The tolerance of output data can vary up to 15%.
2. The output data tested according to IES TM-30-15.
3. The output data is based on IP20/1meter, 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	
Power Supply		LRS-XXX-24	Constant voltage 24V, Not waterproof, Non-dimming
Controller		CR1-GBA	12-48V monochromatic dimming controller
Remote Control		CK1-GBA	Monochromatic dimming controller, in conjunction with controller

Soldering-free Connector

Picture	Model	Remark
	CXB210-DFTA	2PIN, wire to board (without wire), suitable for 10mm single Color IP20 strips
	CBB210-DFTA	2PIN, board to board, suitable for 10mm single Color IP20 strips
	CBBL210-DFTA	2PIN, board to board (L shape), suitable for 10mm single Color IP20 strips

Name: LINE LED C2

Code: ST C8168SWW

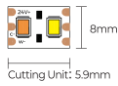
THORN

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.
- With life span over 60000H.
- Ta: -25~40 °C; Tc: 75 °C (max)



Basic Parameters

MODEL NO.	CRI	CCT	Input voltage (V)	Rated power (W/m)	Lumen (Lm/m)	Lm/W
LINE LED C2 ST C8168SWW	>90	2700K	24	18	1245	130
		6000K			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 IP20/1meter, 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	
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

CSP DOT

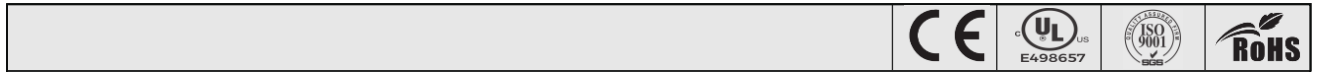


Name: LINE LED C2

Code: ST PD80

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 Parameters

MODEL NO.	CRI	CCT	Input voltage (V)	Rated power (W/m)	Lumen (Lm/m)	Lm/W
LINE LED C2 ST PD80	>90	2700K	24	4.8	410	85
		3000K			440	91
		4000K			450	93
		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 IP20/1mreter, 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	
Power Supply		LRS-XXX-24	Constant voltage 24V, Not waterproof, Non-dimming
Controller		CR1-GBA	12-48V monochromatic dimming controller
Remote Control		CK1-GBA	Monochromatic dimming controller, in conjunction with controller

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

Name: LINE LED C2

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 Parameters

MODEL NO.	CRI	CCT	Input voltage (V)	Rated power (W/m)	Lumen (Lm/m)	Lm/W
LINE LED C2 ST PD128	>90	2700K	24	9.6	815	85
		3000K			870	91
		4000K			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

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

Soldering-free Connector

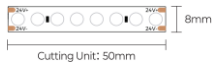
Picture	Model	Remark
	CXB208-DFTA	2PIN, wire to board(without wire), suitable for 8mm single Color IP20 strips
	CBB208-DFTA	2PIN, board to board, suitable for 8mm single Color IP20 strips
	CBBL208-DFTA	2PIN, board to board (L shape), suitable for 8mm single Color IP20 strips

Name: LINE LED C2

Code: ST PD160

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 Parameters

MODEL NO.	CRI	CCT	Input voltage (V)	Rated power (W/m)	Lumen (Lm/m)	Lm/W
LINE LED C2 ST PD160	>90	2700K	24	14.4	1220	85
		3000K			1310	91
		4000K			1340	93
		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

Name: LINE LED C2

Code: ST PD120

THORN

Led Strips



Features

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

Basic Parameters

MODEL NO.	CRI	CCT	Input voltage (V)	Rated power (W/m)	Lumen (Lm/m)	Lm/W
LINE LED C2 ST PD 120	>90	2700K	48V	9.6	490	51
		3000K			520	54
		4000K			555	58
		6500K			575	60

Note:

1. The tolerance of output data can vary up to 15%.
2. The output data tested according to IES TM-30-15.
3. The output data is based on IP20/1meter, 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	
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



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	CCT	Input voltage (V)	Rated power (W/m)	Lumen (Lm/m)	Lm/W
LINE LED C2 ST PD128SWW	>90	2700K	24	18	350	81
		6500K			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.
- 4.IP protection process leads changes to size, CCT and luminous flux.

Recommended Solution

Name	Picture	Model	Remark
Profile		LS1613	
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

Soldering-free Connector

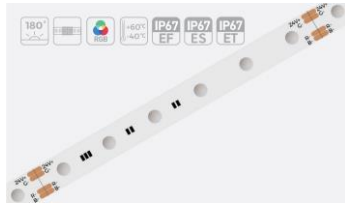
Picture	Model	Remark
	CXB310-DFTA	3PIN, wire to board(without wire), suitable for 10mm CCT&SPI IP20 strips
	CBB310-DFTA	3PIN, board to board, suitable for 10mm CCT&SPI strips
	CBBL310-DFTA	3PIN, board to board (L shape), suitable for 10mm CCT&SPI IP20 strips

Name: LINE LED C2

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

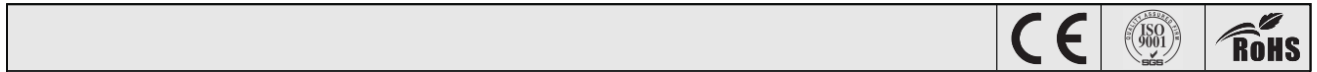
MODEL NO.	CRI	CCT	Input voltage (V)	Rated power (W/m)	Lumen (Lm/m)	Lm/W
LINE LED C2 ST PD60RGB	/	R	24	9.6	64	20
		G			179	56
		B			58	18
		RGB			300	31

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.

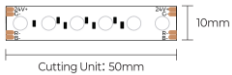
Recommended Solution

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		CK4-GBA	RGBW dimming remote controller, used with controller



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	CCT	Input voltage (V)	Rated power (W/m)	Lumen (Lm/m)	Lm/W
LINE LED C2 ST PD120RGB	/	R	24	14,4	96	20
		G			269	56
		B			86	18
		RGB			450	31

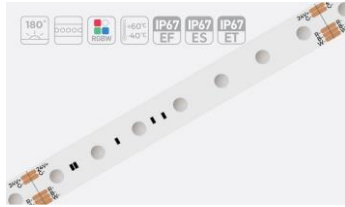
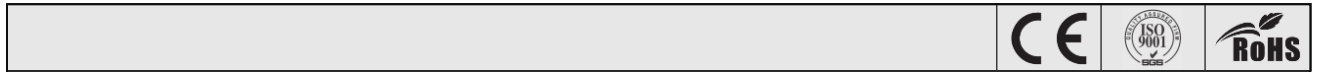
- Note:
1. The tolerance of output data can be vary up to 15%.
 2. the output data tested according to IES TM-30-15.
 3. the output data is based on IP20/1merter, data of 5m in only for reference.
 4. IP protection process leads changes to size, CCT and luminous flux.

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		CK4-GBA	RGBW dimming remote controller, used with controller

Soldering-free Connector

Picture	Model	Remark
	CXB410-DFTA	4PIN, wire to board(without wire), suitable for 10mm RGB IP20 strips
	CBB410-DFTA	4PIN, board to board, suitable for 10mm RGB strips
	CBBL410-DFTA	4PIN, board to board (L shape), suitable for 10mm RGB IP20 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	CCT	Input voltage (V)	Rated power (W/m)	Lumen (Lm/m)	Lm/W
LINE LED C2 ST PD70RGBW	/	RGB+2700K	24	16.8	640	38
		RGB+3000K			655	39
		RGB+4000K			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 IP20/1m, 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	 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		CK4-GBA	RGBW dimming remote controller, used with controller

LED STRIPS

CSP LINEAR



Name: LINE LED C2

Code: ST DP7

THORN

Led Strips



Features

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



Basic Parameters

MODEL NO.	CRI	CCT	Input voltage (V)	Rated power (W/m)	Lumen (Lm/m)	Lm/W
LINE LED C2 ST DP7	>90	2700K	24	9	665	74
		3000K			680	76
		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 IP20/1mterter, 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		LS0709	
Power Supply		LRS-XXX-24	Constant voltage 24V, Not waterproof, Non-dimming
Controller		CR1-GBA	12-48V monochromatic dimming controller
Remote Control		CK1-GBA	Monochromatic dimming controller, in conjunction with controller
Board-to-board connector		94-03-00-0071	Suitable for 4mm FPC/2PIN Cable/board-to-board/ solder-free (quick) connector

Name: LINE LED C2

Code: ST DP10

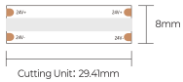
THORN

Led Strips



Features

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



Basic Parameters

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

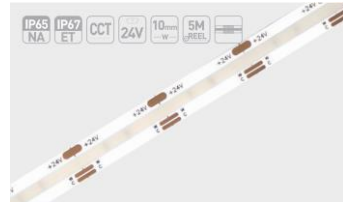
- Note:
1. The tolerance of output data can be vary up to 15%.
 2. the output data tested according to IES TM-30-15.
 3. the output data is based on IP20/1m, data of 5m in only for reference.
 4. IP protection process leads changes to size, CCT and luminous flux.

Recommended Solution

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

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



Features

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

Basic Parameters

MODEL NO.	CRI	CCT	Input voltage (V)	Rated power (W/m)	Lumen (Lm/m)	Lm/W
LINE LED C2 ST DP17SWW	>90	2700K	27	18	675	75
		6500K			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 IP20/1meter, 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	
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

Soldering-free Connector

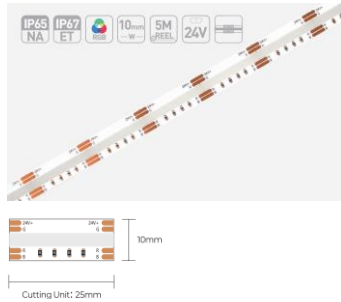
Picture	Model	Remark
	CXB308-DFTA	3PIN, wire to board (without wire), suitable for 10mm CCT&SPI IP20 strips
	CBB308-DFTA	3PIN, board to board, suitable for 10mm CCT&SPI strips
	CBBL308-DFTA	3PIN, board to board (L shape), suitable for 10mm CCT&SPI IP20 strips

Name: LINE LED C2

Code: ST DP4RGB

THORN

Led Strips



Features

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

Basic Parameters

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

Note:

1. The tolerance of output data can vary up to 15%.
2. the output data tested according to IES TM-30-15.
3. the output data is based on IP20/1meter, 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		CK4-GBA	RGB dimming remote controller, used with controller

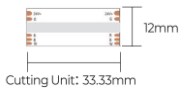
Soldering-free Connector

Picture	Model	Remark
	CXB410-DFTA	4PIN, wire to board (without wire), suitable for 10mm RGB IP20 strips
	CBB410-DFTA	4PIN, board to board, suitable for 10mm RGB strips
	CBBL410-DFTA	4PIN, board to board (L shape), suitable for 10mm RGB IP20 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)



Basic Parameters

MODEL NO.	CRI	CCT	Input voltage (V)	Rated power (W/m)	Lumen (Lm/m)	Lm/W
LINE LED C2 ST DP6RGBW	>90	RGB+2700K	24	16.8	990	59
		RGB+3000K			990	59
		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 IP20/1meter, data of 5m in only for reference.
4. IP protection process leads changes to size, CCT and luminous flux.

Recommended Solution

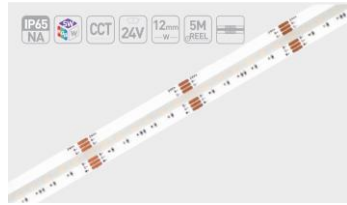
Name	Picture	Model	Remark
Profile		LS2013	 Match only with LED strip for heat dissipation
Power Supply		LRS-XXX-24	Constant voltage 24V, Not waterproof, Non-dimming
Controller		CR4-GBA	12-48V RGBW Symphony dimming controller
Remote Control		CK4-GBA	RGBW dimming remote controller, used with controller

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	CCT	Input voltage (V)	Rated power (W/m)	Lumen (Lm/m)	Lm/W
LINE LED C2 ST DP11RGBSWW	/	R	24V	18W	105	26
	/	G			340	114
	/	B			60	20
	>90	2700K			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
- 4.IP protection process leads changes to size, CCT and luminous flux.

Recommended Solution

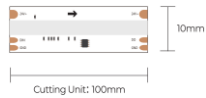
Name	Picture	Model	Remark
Profile		LS2013	 Match only with LED strip for heat dissipation
Controller		CR5-GBA	12-48V RGB LW W Dimming Controller
Remote Control		CK5-GBA	RGB LW W dimming remote controller, used with controller
Power Supply		LRS-XXX-24	Constant voltage 24V, Not waterproof, Non-dimming

Name: LINE LED C2

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 °C; Tc: 75 °C (max)

Basic Parameters

MODEL NO.	CRI	CCT	Input voltage (V)	Rated power (W/m)	Lumen (Lm/m)	Lm/W
LINE LED C2 ST DPS4RGB	/	R	24	12	90	19
		G			360	77
		B			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 IP20/1mreter, data of 5m in only for reference.
 4. IP protection process leads changes to size, CCT and luminous flux.
 5. IC: WS2811F

Recommended Solution

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

Soldering-free Connector

Picture	Model	Remark
	CXB310-DFTA	3PIN, wire to board (without wire), suitable for 10mm CCT&SPI IP20 strips
	CBB310-DFTA	3PIN, board to board, suitable for 10mm CCT&SPI strips
	CBBL310-DFTA	3PIN, board to board (L shape), suitable for 10mm CCT&SPI IP20 strips

Name: LINE LED C2
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 °C; Tc: 75 °C (max)



Basic Parameters

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

Note:

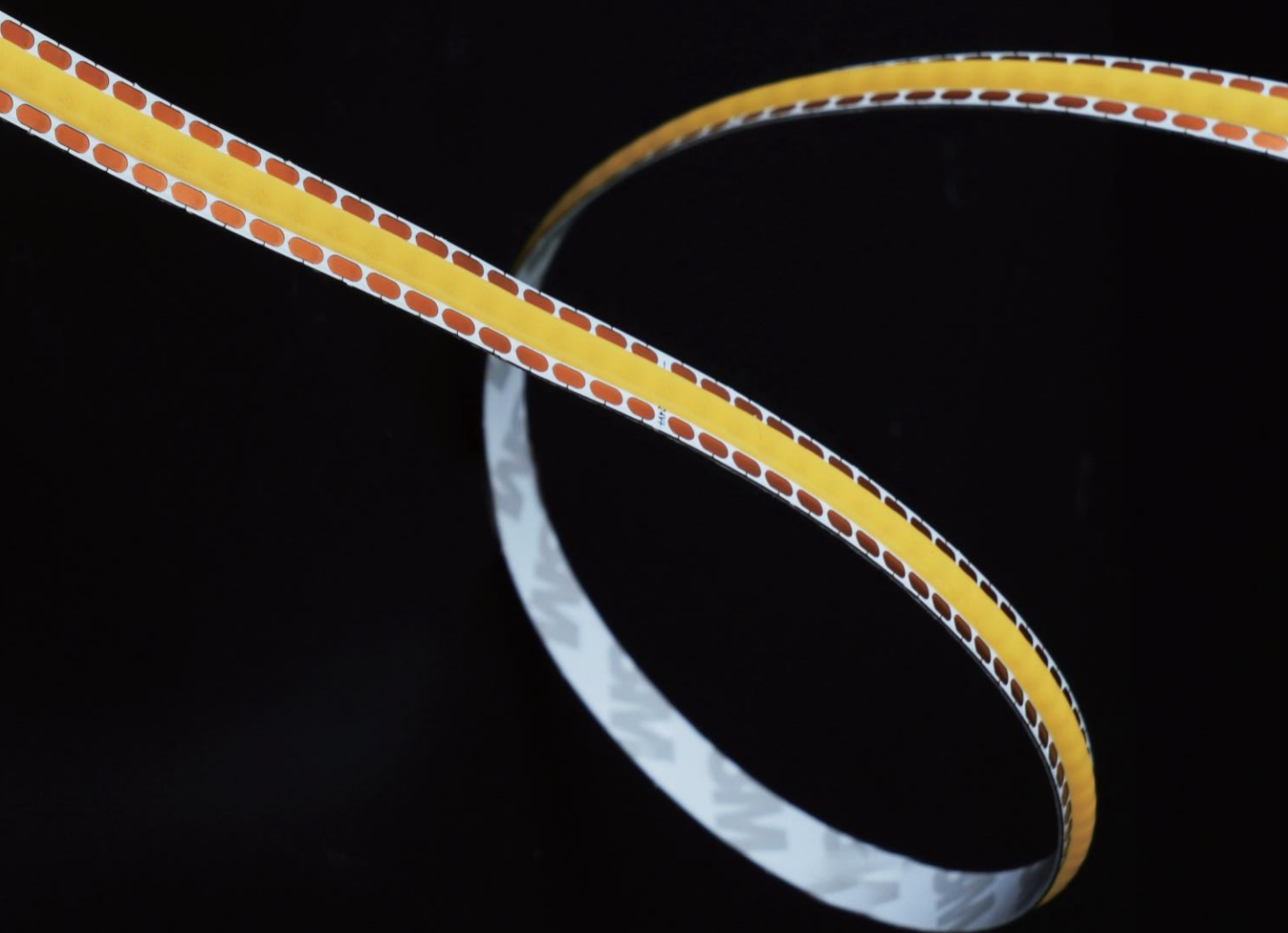
- 1.The tolerance of output data can be vary up to 15%.
- 2.the output data tested according to IES TM-30-15.
- 3.the output data is based on IP20/1mterter, data of 5m in only for reference.
- 4.IP protection process leads changes to size, CCT and luminous flux.
- 5.IC:WC2811F

Recommended Solution

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

LED STRIPS

COB

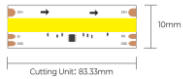


Name: LINE LED C2

Code: ST DFS6

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	CCT	Input voltage (V)	Rated power (W/m)	Lumen (Lm/m)	Lm/W
LINE LED C2 ST DFS6	>90	2700K	24	10	540	45
		3000K			610	51
		3500K			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

Name	Picture	Model	Remark
Profile		LS1613	
Controller		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

Soldering-free Connector

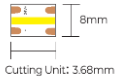
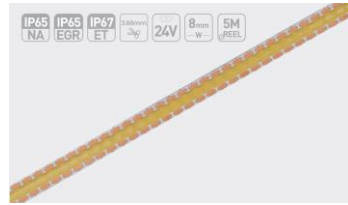
Picture	Model	Remark
	CXB208-DFTA	2PIN, wire to board (without wire), suitable for 8mm single Color IP20 strips
	CBB208-DFTA	2PIN, board to board, suitable for 8mm single Color IP20 strips
	CBBL208-DFTA	2PIN, board to board (L shape), suitable for 8mm single Color IP20 strips

Name: LINE LED C2

Code: ST DF6N

THORN

Led Strips



Features

- . Light line and free with big emitting angle.
- . Arbitrary cutting, each cutting unit is only 3.68mm
- . Easy installation and maintaining
- . 5 optional 2700K/3000K/3500K/4000K/6500K

Basic Parameters

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

Soldering-free Connector

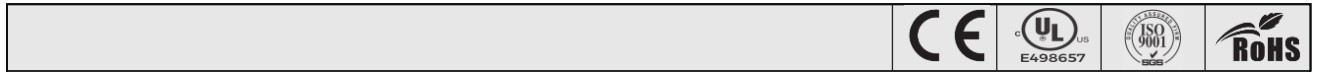
Picture	Model	Remark
	CXB208-DFTA	2PIN, wire to board (without wire), suitable for 8mm single Color IP20 strips
	CBB208-DFTA	2PIN, board to board, suitable for 8mm single Color IP20 strips
	CBBL208-DFTA	2PIN, board to board (L shape), suitable for 8mm single Color IP20 strips

Name: LINE LED C2

Code: ST DF6

THORN

Led Strips



Features

- . 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	CCT	Input voltage (V)	Rated power (W/m)	Lumen (Lm/m)	Lm/W
LINE LED C2 ST DF6	>90	2700K	24	8	630	79
		3000K			640	80
		4000K			660	83
		6500K			680	85
	/	R			/	/
		G			/	/
		B			/	/

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 IP20/1meter, 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	
Controller		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

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

Name: LINE LED C2

Code: ST DF8

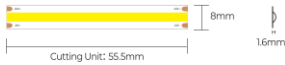
THORN

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	CCT	Input voltage (V)	Rated power (W/m)	Lumen (Lm/m)	Lm/W
LINE LED C2 ST DF8	>90	2700K	24	10	790	79
		3000K			830	83
		4000K			850	85
		6500K			870	87
	/	R			/	/
		G			/	/
		B			/	/

- 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 IP20/1meter, 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	
Controller		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

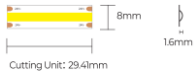
Soldering-free Connector

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



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

MODEL NO.	CRI	CCT	Input voltage (V)	Rated power (W/m)	Lumen (Lm/m)	Lm/W
LINE LED C2 ST DF10	>90	2700K	24	10	820	82
		3000K			900	90
		4000K			980	98
		6500K			1000	100
	/	R			65	7
		G			1190	126
		B			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 IP20/1mterter, 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	
Controller		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

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

Name: LINE LED C2

Code: ST DF15

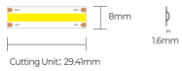
THORN

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



Basic Parameters

MODEL NO.	CRI	CCT	Input voltage (V)	Rated power (W/m)	Lumen (Lm/m)	Lm/W
LINE LED C2 ST DF15	>90	2700K	24	15	1230	82
		3000K			1350	90
		4000K			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 IP20/1m, 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	
Controller		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

Soldering-free Connector

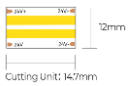
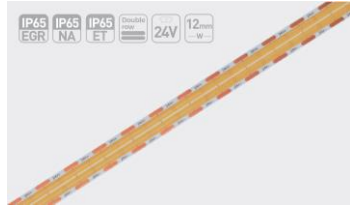
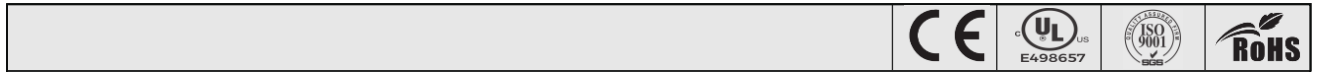
Picture	Model	Remark
	CXB208-DFTA	2PIN, wire to board (without wire), suitable for 8mm single Color IP20 strips
	CBB208-DFTA	2PIN, board to board, suitable for 8mm single Color IP20 strips
	CBBL208-DFTA	2PIN, board to board (L shape), suitable for 8mm single Color IP20 strips

Name: LINE LED C2

Code: ST DF20

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	CCT	Input voltage (V)	Rated power (W/m)	Lumen (Lm/m)	Lm/W
LINE LED C2 ST DF20	>90	2700K	24	20	1630	83
		3000K			1720	87
		3500K			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 IP20/1m, 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	
Controller		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

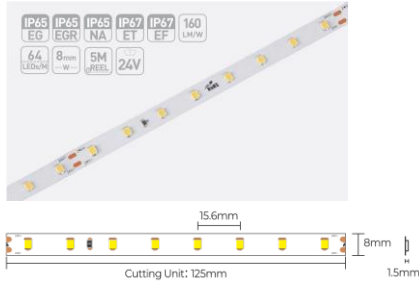


Name: LINE LED C2

Code: ST D864

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	CCT	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
		6000K			545	127
	>0	G	24	4.3	410	95
		B			85	20

Name: LINE LED C2






Code: ST D864




THORN

Led Strips

Note:

1. The tolerance of output data can vary up to 15%.
2. The output data tested according to IES TM-30-15.
3. The output data is based on IP20/1meter, 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	 Match only with LED strip for heat dissipation
Power Supply		LRS-XXX-24	Constant voltage 24V, Not waterproof, Non-dimming
Controller		CR1-GBA	12-48V monochromatic dimming controller
Remote Control		CK1-GBA	Monochromatic dimming controller, in conjunction with controller

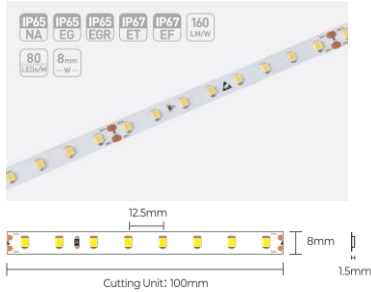
Soldering-free Connector			
Picture	Model	Remark	
	CXB208-DFTA	2PIN, wire to board (without wire), suitable for 8mm single Color IP20 strips	
	CBB208-DFTA	2PIN, board to board, suitable for 8mm single Color IP20 strips	
	CBBL208-DFTA	2PIN, board to board (L shape), suitable for 8mm single Color IP20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

Name: LINE LED C2

Code: ST D880

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	CCT	Input voltage (V)	Rated power (W/m)	Lumen (Lm/m)	Lm/W
LINE LED C2 ST D880	>80	1900K	24	6.6	800	121
		2300K			890	135
		2700K			960	145
		3000K			1010	153
		3500K			1025	155
		4000K			1050	160
		5000K			1050	159
		6000K			1010	153
	>90	1900K	24	6.6	640	97
		2300K			715	108
		2700K			775	117
		3000K			815	123
		3500K			830	126
		4000K			850	129
		5000K			850	129
		6000K			815	123
	>95	1900K	24	6.6	635	96
		2300K			705	107
		2700K			765	116
		3000K			805	122
		3500K			820	124
		4000K			840	127
		5000K			805	122
	>0	G	24	6.6	625	95
		B			132	20

Name: LINE LED C2


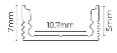



Code: ST D880




THORN

Led Strips

Note:

1. The tolerance of output data can vary up to 15%.
2. The output data tested according to IES TM-30-15.
3. The output data is based on IP20/1meter, 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	 Match only with LED strip for heat dissipation
Power Supply		LRS-XXX-24	Constant voltage 24V, Not waterproof, Non-dimming
Controller		CR1-GBA	12-48V monochromatic dimming controller
Remote Control		CK1-GBA	Monochromatic dimming controller, in conjunction with controller

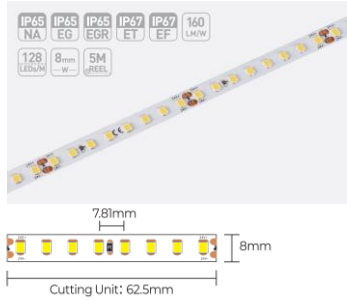
Soldering-free Connector			
Picture	Model	Remark	
	CXB208-DFTA	2PIN, wire to board (without wire), suitable for 8mm single Color IP20 strips	
	CBB208-DFTA	2PIN, board to board, suitable for 8mm single Color IP20 strips	
	CBBL208-DFTA	2PIN, board to board (L shape), suitable for 8mm single Color IP20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

Name: LINE LED C2

Code: ST D8128

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	CCT	Input voltage (V)	Rated power (W/m)	Lumen (Lm/m)	Lm/W		
LINE LED C2 ST D8128	>80	1900K	24	8.7	1055	121		
		2300K			1175	135		
		2700K			1270	146		
		3000K			1335	153		
		3500K			1355	156		
		4000K			1390	160		
		5000K			1390	160		
		6000K			1335	153		
	>90	1900K			865	99		
		2300K			960	110		
		2700K			1035	119		
		3000K			1090	125		
		3500K			1105	127		
		4000K			1135	130		
		5000K			1135	130		
		6000K			1090	125		
	>95	1900K			24	8.7	835	96
		2300K					930	107
		2700K					1005	116
		3000K					1060	122
		3500K					1075	124
		4000K					1105	127
		5000K					1105	127
	>0	G			24	8.7	825	95
		B					175	20

Name: LINE LED C2


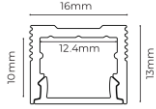



Code: ST D8128




THORN

Led Strips

Note:

1. The tolerance of output data can vary up to 15%.
2. The output data tested according to IES TM-30-15.
3. The output data is based on IP20/1meter, 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	
Power Supply		LRS-XXX-24	Constant voltage 24V, Not waterproof, Non-dimming
Controller		CR1-GBA	12-48V monochromatic dimming controller
Remote Control		CK1-GBA	Monochromatic dimming controller, in conjunction with controller

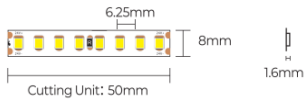
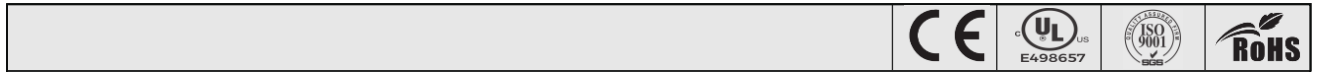
Soldering-free Connector		
Picture	Model	Remark
	CXB208-DFTA	2PIN, wire to board (without wire), suitable for 8mm single Color IP20 strips
	CBB208-DFTA	2PIN, board to board, suitable for 8mm single Color IP20 strips
	CBBL208-DFTA	2PIN, board to board (L shape), suitable for 8mm single Color IP20 strips

Name: LINE LED C2

Code: ST D8160

THORN

Led Strips



Features

- 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)

Basic Parameters

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

Name: LINE LED C2

Code: ST D8160


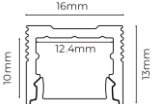



THORN

Led Strips




Note:

1. The tolerance of output data can 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	
Power Supply		LRS-XXX-24	Constant voltage 24V, Not waterproof, Non-dimming
Controller		CR1-GBA	12-48V monochromatic dimming controller
Remote Control		CK1-GBA	Monochromatic dimming controller, in conjunction with controller

Soldering-free Connector

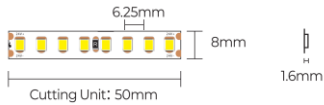
Picture	Model	Remark
	CXB208-DFTA	2PIN, wire to board (without wire), suitable for 8mm single Color IP20 strips
	CBB208-DFTA	2PIN, board to board, suitable for 8mm single Color IP20 strips
	CBBL208-DFTA	2PIN, board to board (L shape), suitable for 8mm single Color IP20 strips

Name: LINE LED C2

Code: ST D8129

THORN

Led Strips



Features

- 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)

Basic Parameters

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

Name: LINE LED C2


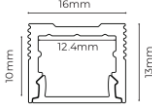



Code: ST D8129




THORN

Led Strips

Note:

1. The tolerance of output data can vary up to 15%.
2. The output data tested according to IES TM-30-15.
3. The output data is based on IP20/1meter, 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	
Power Supply		LRS-XXX-24	Constant voltage 24V, Not waterproof, Non-dimming
Controller		CR1-GBA	12-48V monochromatic dimming controller
Remote Control		CK1-GBA	Monochromatic dimming controller, in conjunction with controller

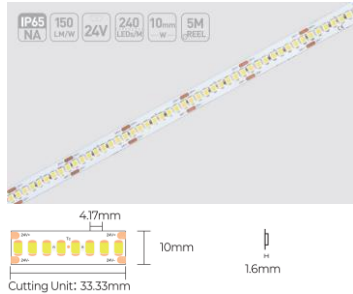
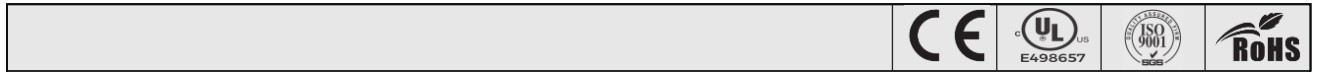
Soldering-free Connector		
Picture	Model	Remark
	CXB210-DFTA	2PIN, wire to board (without wire), suitable for 10mm single Color IP20 strips
	CBB210-DFTA	2PIN, board to board, suitable for 10mm single Color IP20 strips
	CBBL210-DFTA	2PIN, board to board (L shape), suitable for 10mm single Color IP20 strips

Name: LINE LED C2

Code: ST D8240

THORN

Led Strips



Features

- Luminance efficiency up to 150LM/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	CCT	Input voltage (V)	Rated power (W/m)	Lumen (Lm/m)	Lm/W
LINE LED C2 ST D8240	>80	1900K	24	20	2280	114
		2300K			2530	127
		2700K			2735	137
		3000K			2880	144
		3500K			2925	146
		4000K			3000	150
		5000K			3000	150
		6000K			2880	144
	>90	1900K			1880	94
		2300K			2090	105
		2700K			2260	113
		3000K			2380	119
		3500K			2420	121
		4000K			2480	124
		5000K			2480	124
		6000K			2380	119
	>95	1900K			1865	93
		2300K			2075	104
		2700K			2240	112
		3000K			2360	118
		3500K			2400	120
		4000K			2460	123
		5000K			2460	123
	>0	G			1800	90
		B			400	20

Name: LINE LED C2

Code: ST D8240


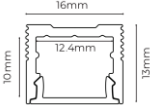



THORN

Led Strips




Note:

1. The tolerance of output data can vary up to 15%.
2. The output data tested according to IES TM-30-15.
3. The output data is based on IP20/1meter, 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	
Power Supply		LRS-XXX-24	Constant voltage 24V, Not waterproof, Non-dimming
Controller		CR1-GBA	12-48V monochromatic dimming controller
Remote Control		CK1-GBA	Monochromatic dimming controller, in conjunction with controller

Soldering-free Connector

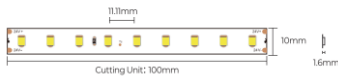
Picture	Model	Remark
	CXB210-DFTA	2PIN, wire to board (without wire), suitable for 10mm single Color IP20 strips
	CBB210-DFTA	2PIN, board to board, suitable for 10mm single Color IP20 strips
	CBBL210-DFTA	2PIN, board to board (L shape), suitable for 10mm single Color IP20 strips

Name: LINE LED C2

Code: ST D890

THORN

Led Strips



Features

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

Basic Parameters

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

Note:

1. The tolerance of output data can vary up to 15%.
2. The output data tested according to IES TM-30-15.
3. The output data is based on IP20/1meter, 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	
Power Supply		LRS-XXX-24	Constant voltage 24V, Not waterproof, Non-dimming
Controller		CR1-GBA	12-48V monochromatic dimming controller
Remote Control		CK1-GBA	Monochromatic dimming controller, in conjunction with controller

Soldering-free Connector

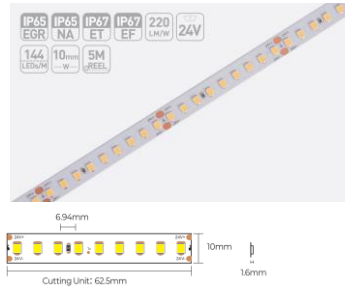
Picture	Model	Remark
	CXB210-DFTA	2PIN, wire to board (without wire), suitable for 10mm single Color IP20 strips
	CBB210-DFTA	2PIN, board to board, suitable for 10mm single Color IP20 strips
	CBBL210-DFTA	2PIN, board to board (L shape), suitable for 10mm single Color IP20 strips

Name: LINE LED C2

Code: ST D8144

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 °C; Tc: 75 °C (max)

Basic Parameters

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

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 IP20/1mterter, 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	
Power Supply		LRS-XXX-24	Constant voltage 24V, Not waterproof, Non-dimming
Controller		CR1-GBA	12-48V monochromatic dimming controller
Remote Control		CK1-GBA	Monochromatic dimming controller, in conjunction with controller

Soldering-free Connector

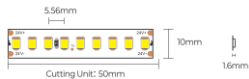
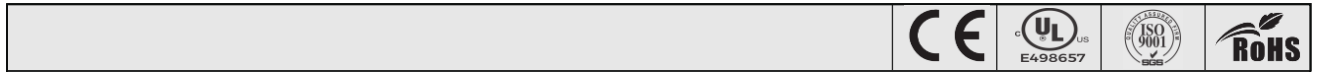
Picture	Model	Remark
	CXB210-DFTA	2PIN, wire to board (without wire), suitable for 10mm single Color IP20 strips
	CBB210-DFTA	2PIN, board to board, suitable for 10mm single Color IP20 strips
	CBBL210-DFTA	2PIN, board to board (L shape), suitable for 10mm single Color IP20 strips

Name: LINE LED C2

Code: ST D8180

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 °C; Tc: 75 °C (max)

Basic Parameters

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

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

Soldering-free Connector

Picture	Model	Remark
	CXB210-DFTA	2PIN, wire to board (without wire), suitable for 10mm single Color IP20 strips
	CBB210-DFTA	2PIN, board to board, suitable for 10mm single Color IP20 strips
	CBBL210-DFTA	2PIN, board to board (L shape), suitable for 10mm single Color IP20 strips