



SR Contour Light

CONT 45D INN INDOOR MONOCHROMATIC SERIES



SUMMARY

bending horizontal vertical	min. bend radius 4cm	dimension 	max length 5m	cutting pitch 71.4mm
IP IP44	power 1.2W/m 2.4W/m 4.8W/m 7.2W/m 9.6W/m 12W/m	beam angle asymmetric 120°	color 2200K 3000K 2400K 4000K 2700K	CRI Ra 80+ Ra 90+

DIMMING OPTIONS



ELECTRICAL

Supply voltage: DC24.0V±1.0V

Power range and supply current:

Model	Power	Current
INN01	1.2W/m	50mA/m
INN02	2.4W/m	100mA/m
INN04	4.8W/m	200mA/m
INN07	7.2W/m	375mA/m
INN09	9.6W/m	400mA/m
INN12	12W/m	500mA/m

ESD protection: contact 4kV, air 8kV

MECHANICAL

Minimum bending radius: 4cm

Maximum length: 5m

Cutting pitch: 71.4mm

IP: IP44

LIFETIME, WARRANTY & COMPLIANCE

Warranty: 2 years*

Lifetime: 50,000 hours, L70/B50@ta 65°C

Compliance:

- EN 62031, EN 62471, EN 60598-1, EN 60598-2-1
- EN 55015, EN 61547
- AS/NZS 60598.1, AS/NZS 60598.2.1

* For 5-year warranty, please consult your local sales.

FEATURES

- Excellent thermal dissipation encapsulated with high performance grade silicone material that can be used and installed at an extreme harsh environment with temperature up to 65°C
- Suitable for indoor use in high-humidity conditions; performance is not affected by moisture
- Designed to be UV and corrosion resistant
- Beautifully sculpted curved body engineered to deliver an asymmetric light distribution, with a form that can be bend horizontally or vertically according to applications
- Ultra small bending radius (4cm) to meet various design requirements
- Seamless with no dark spot even at the terminals
- Dot-free, consistent illumination at <5% dim level
- SR® LEDShield technology†
- Lifetime: 50,000 hours

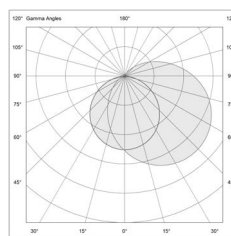
LIGHT OUTPUT

Luminaire lumen output:

Power Model	822	824	827	830	840
INN01	110	115	120	125	130
INN02	220	225	245	255	265
INN04	435	455	495	510	530
INN07	655	685	740	765	795
INN09	875	910	985	1020	1055
INN12	1095	1140	1230	1275	1320
Power Model	922	924	927	930	940
INN01	95	100	105	110	115
INN02	190	200	215	220	230
INN04	380	400	430	445	460
INN07	570	600	640	665	690
INN09	760	795	855	885	920
INN12	950	990	1070	1110	1150

LED binning: single bin, 3 SDCM

Beam angle: 120°



H (m)	NN01	NN02	NN04	NN07	NN09	NN12	D (m)
1	28	58	116	174	232	290	3
2	7	15	29	44	58	73	6
3	3	6	13	19	26	32	9
I (cd)	40	81	162	243	324	405	

H (m)	NN01	NN02	NN04	NN07	NN09	NN12	D (m)
1	25	50	101	151	201	252	3
2	6	13	25	38	50	63	6
3	3	6	11	17	22	28	9
I (cd)	35	70	141	211	281	352	

ENVIRONMENT

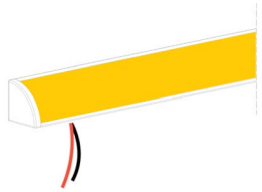
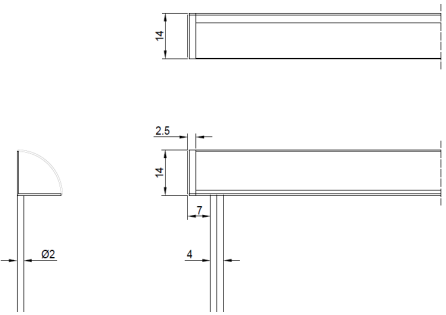
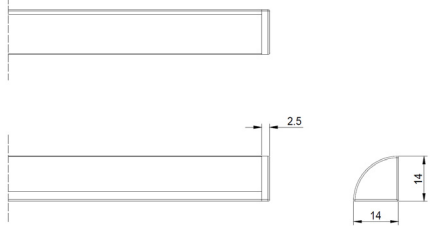
Ambient temperature: -40°C ... +65°C

Storage temperature: -40°C ... +85°C

Working humidity: 5% to 85%, non-condensing

† SR® LEDShield technology: innovative mechanism protecting segment black out from single LED damage due to inappropriate external force applied during installation and handling.

DIMENSIONS - INDOOR

CONT 45D Body	 $L \leq 5m$
Wire Bottom Feed-in 	
End Cap 	

Additional length added to body length L is 4mm with any one feed-in (added 2mm) and end cap (added 2mm).

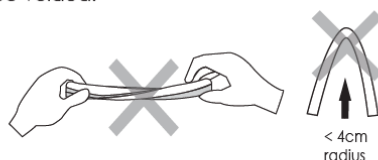
MOUNTING ACCESSORIES

30mm Aluminum Clip with Pre-drill Holes CONT 45D NN AL CLIP 30MM	
1m Aluminum Profile with Pre-drill Holes CONT 45D NN AL PROFILE 1M	

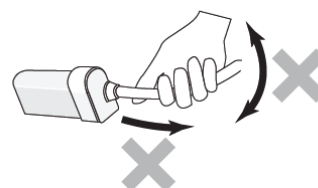
Note: All profile dimensions are subject to a manufacturing tolerance of $\pm 5\%$ unless otherwise specified.

CAUTIONS

- Ensure mains power is switched OFF before carrying out installation, maintenance or replacement operations.
- The Contour Light should be installed by qualified electrical personnel and complying with local codes.
- The power supply should be sized appropriately to adequately power the load with the correct voltage and power ratings; it is generally recommended to have at least 10% power buffer.
- Lightning / surge protection should be used if not already built into the power supply.
- **DO NOT CUT** the light strip or warranty will be voided.



DO NOT TWIST the fixture or
BEND at less than 4cm radius.

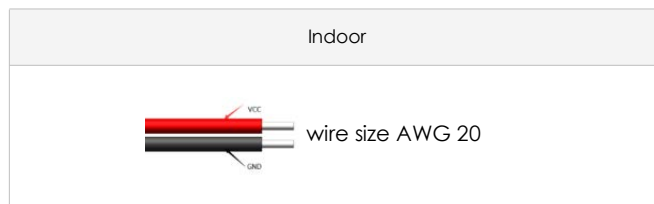


DO NOT STRESS OR PULL HARD
on the lead-in cables, nor handle it
using the feed-in cables.

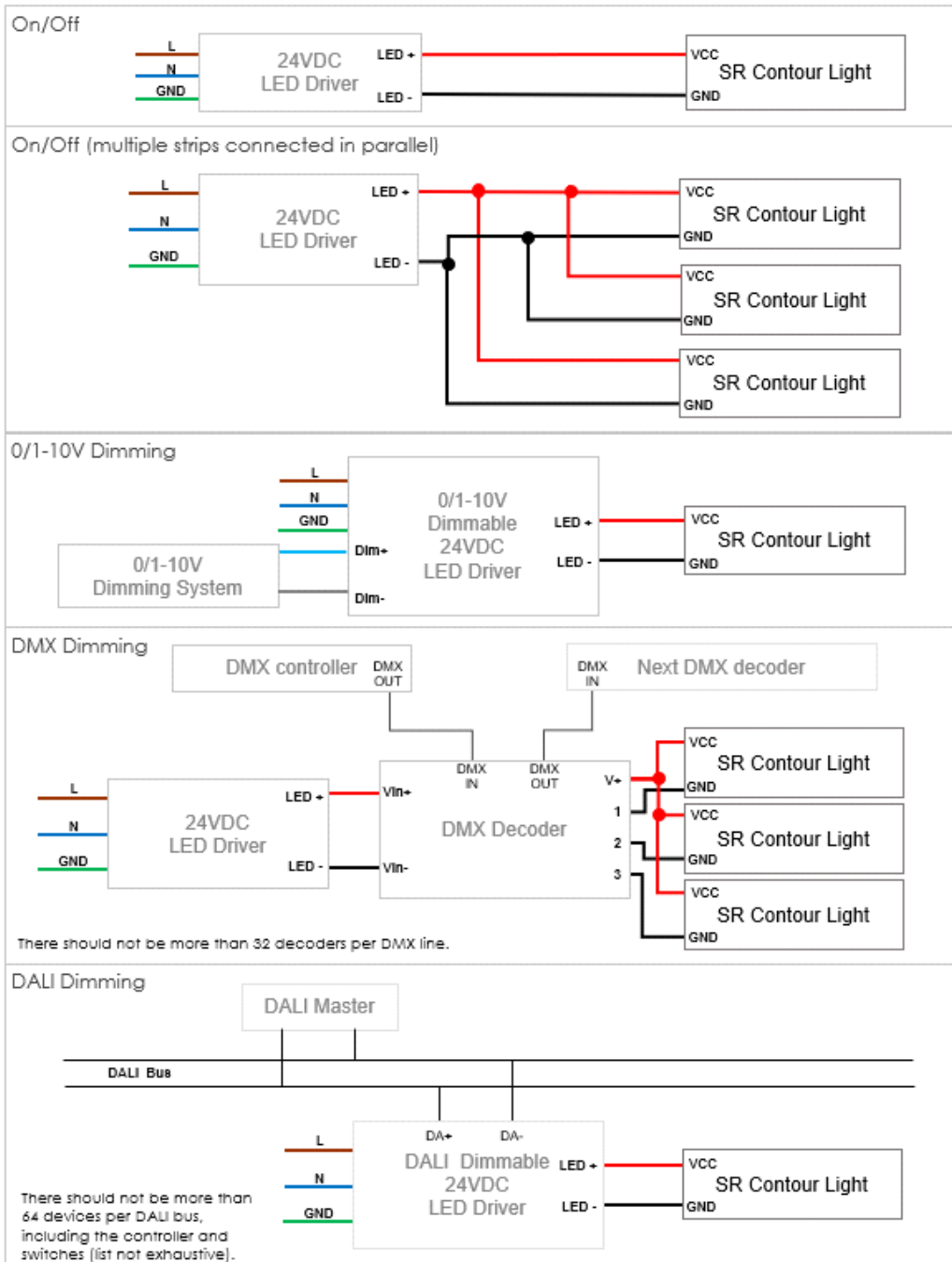
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WIRING



CONNECTION



Connection diagrams are for reference only. Contact our sales team for consultation on detailed wiring.

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ORDERING INFORMATION

SR Contour Light	Power Model	Feed-in Cable Direction	Color	Length
CONT 45D	INN01 INN02 INN04 INN07 INN09 INN12	WB	822 824 827 830 840 922 924 927 930 940	xM (x = length in meters, max 5m)

†Note:

Feed-in Wire/ Cable Direction	Description
WB	bottom feeder

Example:

CONT 45D INN09 WB 930 5M refers to SR Contour Light CONT 45D INN Indoor Indoor Series, vertical bend, 9.6W/m, wire bottom feed-in, CRI Ra 90+, CCT 3000K, 5meters in length.

Accessory Ordering Code	Description
CONT 45D NN AL CLIP AS 30MM	aluminum clip, 30mm
CONT 45D NN AL PROFILE AS 1M	aluminum profile for bottom feed-in and end feed-in, 1m

LED Driver Ordering Code	Description
SBV 040N024X167Q	40W 24V Constant Voltage LED Driver
SAV-060N024X02HQA	60W 24V Constant Voltage LED Driver
SAV-096N024X400Q	96W 24V Constant Voltage LED Driver
SAV-150N024X625Q	150W 24V Constant Voltage LED Driver

Note: System design will vary depending on actual project configuration. Please consult your local sales support for details in length in series connection, connecting cable type and lengths

Disclaimer: Data might vary due to equipment tolerance. Manufacturer reserves the right to make changes to information published in this document, including without limitation specifications and product descriptions, at any time and without notice.

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