iQ66 LED **SUPERBEND LARGE (SBDL)**

STATIC COLOR

Q-Tran's Superbend Large is a versatile, flexible LED power strip that is bendable in a variety of different directions. Great light source for indoor and covered outdoor applications with a rating of IP66 which is water resistant to protect against the elements. The LED is offered in 4 Colors: Red(2.0W/ft), Green(4.0W/ft), Blue(3.5W/ft) and Yellow(2.0W/ft)

iQ66	-		-	SBDL	-		-	
iQ Series		Color		Type		Watts Per FT		Length

iQ66-RD-SBDL-2.0

Max Run / Reel Length: 16ft* | Color: RED (RD)
Voltage: 24VDC | Watts Per Ft: 2.0
Wave Length: 630 nm | Lumens Per Ft: 28

iQ66-GR-SBDL-4.0

Max Run / Reel Length: 16ft* | Color: GREEN (GR)
Voltage: 24VDC | Watts Per Ft: 4.0
Wave Length: 520 nm | Lumens Per Ft: 264

iQ66-BL-SBDL-3.5

Max Run / Reel Length: 16ft* | Color: BLUE (BL)
Voltage: 24VDC | Watts Per Ft: 3.5
Wave Length: 468 nm | Lumens Per Ft: 58

iQ66-YL-SBDL-2.0

Max Run / Reel Length: 16ft* | Color: Yellow (YL)
Voltage: 24VDC | Watts Per Ft: 2.0
Wave Length: 592 nm | Lumens Per Ft: 25

*Maximum length for one run of iQ66 Superbend. Individual Power supply cut sheets will provide max distance/loads per power supply.

FEATURES

- LED life time - 30,000 hours
- Minimum bending radius 5"
- 1.3" cut points
- Operating temperature: -4ºF ~ +113ºF
- No hot spot
- Ingress protection rating IP66 (Dot-Free)
- Wet rated
- 3 year warranty

CUTTING INSTRUCTIONS:

This flex light can be cut on the dotted line mapped on the unit at every 1.3".

Lead wire comes in 11.5" (See instructions for more details)

Intertek

RoHS COMPLIANT

INWARD BENDING

OUTWARD BENDING

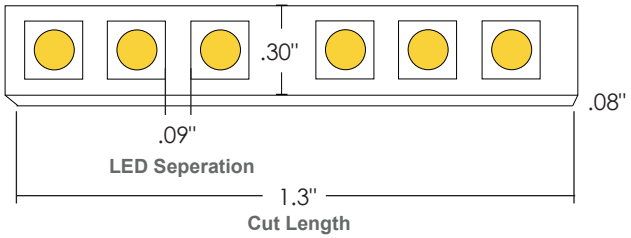
2019 0306 - V01

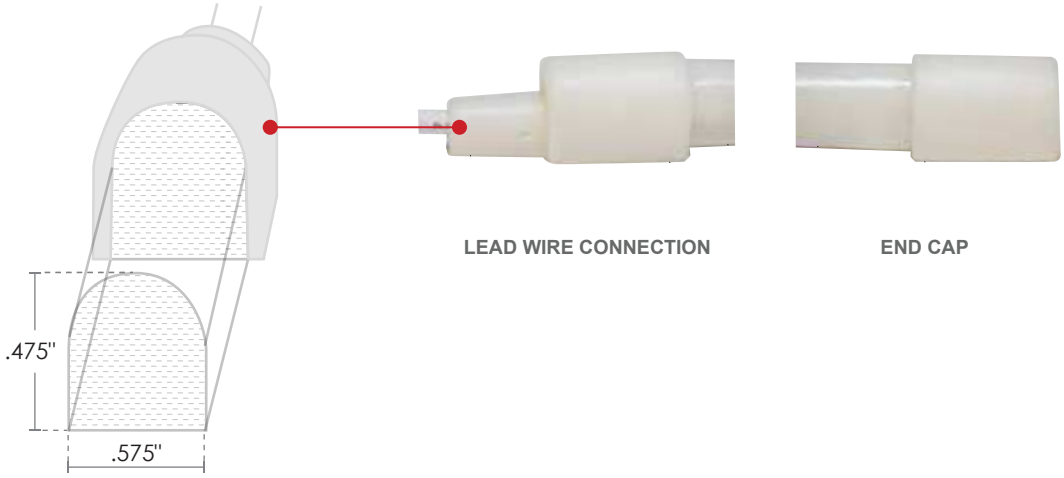
PROJECT NAME	DATE	COMPANY	TYPE	NOTE

iQ66 LED **SUPERBEND LARGE (SBDL)**

DIMENSIONS

DIMENSIONS



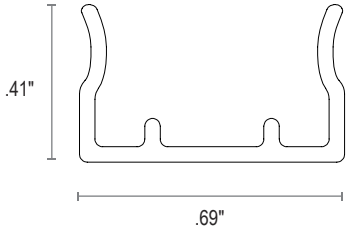


LEAD WIRE CONNECTION

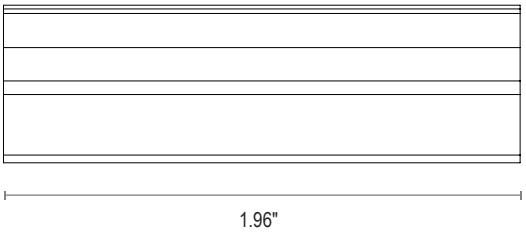
END CAP

MOUNTING CLIPS

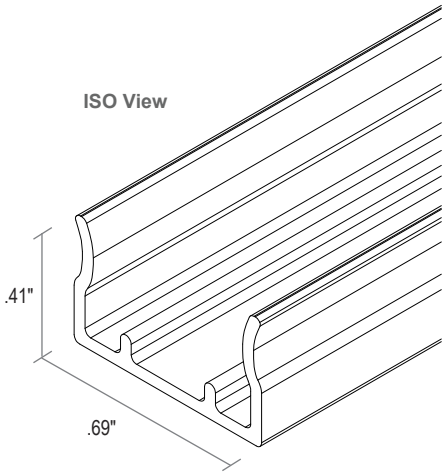
Front View



Side View



ISO View



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COLOR DATA

RED

0 K

CRI: 0.0

CRI R9: 0.0

TM30 Rf: 0.0

TM30 Rg: 0.0

CQS: 0.0

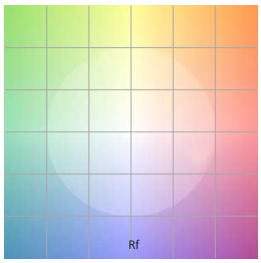
X: 0.610

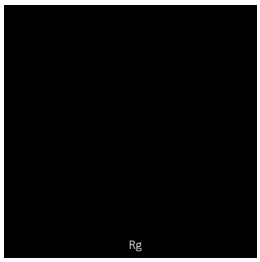
Y: 0.290

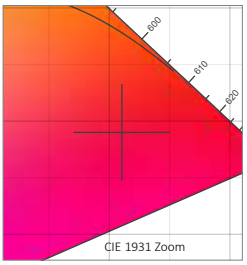
U: 0.464

V: 0.331

Δuv: n/a







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TM30			
Hue Bin	R_f	Chroma	Hue
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%

GREEN

0 K

CRI: 0.0

CRI R9: 0.0

TM30 Rf: 0.0

TM30 Rg: 0.0

CQS: 0.0

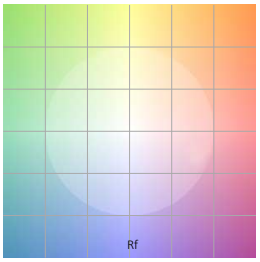
X: 0.163

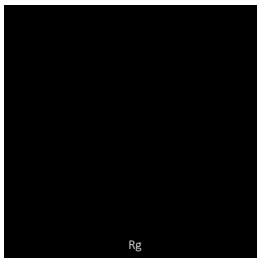
Y: 0.699

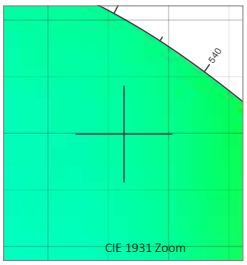
U: 0.059

V: 0.379

Δuv: n/a







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TM30			
Hue Bin	R_f	Chroma	Hue
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%

NOTES:
- CRI R values, only R1-R8 are used to calculate RA CRI values
- TM30 C values, 16 binned values out of total of 99 C values
- CQS Q values
- Data subject to change, all data has +/- 5% tolerance

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COLOR DATA

BLUE

0 K

CRI: 0.0

CRI R9: 0.0

TM30 Rf: 0.0

TM30 Rg: 0.0

CQS: 0.0

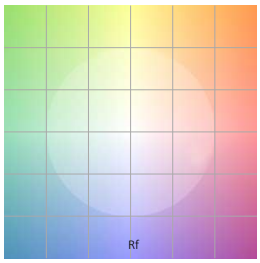
X: 0.134

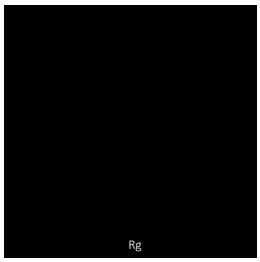
Y: 0.074

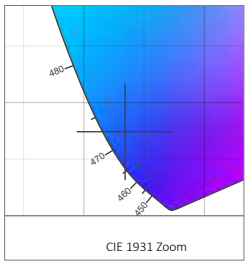
U: 0.148

V: 0.123

Δuv: n/a







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TM30			
Hue Bin	**R_f**	**Chroma**	**Hue**
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%

YELLOW

1857 K

CRI: -18.8

CRI R9: -398.1

TM30 Rf: 5.1

TM30 Rg: 33.3

CQS: 11.0

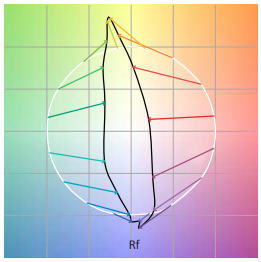
X: 0.533

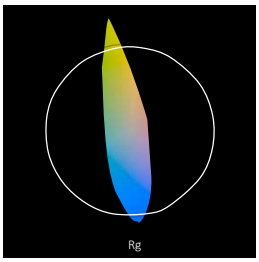
Y: 0.398

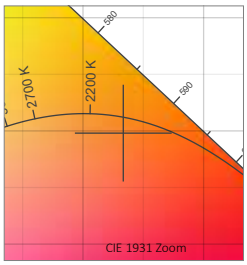
U: 0.318

V: 0.356

Δuv: -0.0040







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
-33.9	55.8	16.6	-62.7	-33.7	47.1	-8.6	-131.1	-398.1	36.3	-86.1	15.1	-12.4	45.1	-66.2
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
2.0	68.8	51.6	19.1	15.9	8.8	4.4	15.4	48.6	60.1	37.9	13.8	4.3	0.0	0.2
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
0.0	0.0	0.1	28.1	64.1	50.2	9.3	4.7	0.3	1.6	11.1	47.7	59.5	45.7	6.8	0.5

TM30			
Hue Bin	**R_f**	**Chroma**	**Hue**
1	0	-77%	11%
2	0	-56%	61%
3	0	-13%	68%
4	28	27%	47%
5	64	34%	6%
6	50	5%	-36%
7	9	-30%	-51%
8	5	-63%	-30%
9	0	-62%	23%
10	2	-46%	46%
11	11	-17%	49%
12	48	5%	22%
13	60	7%	-13%
14	46	1%	-45%
15	7	-26%	-63%
16	1	-64%	-47%

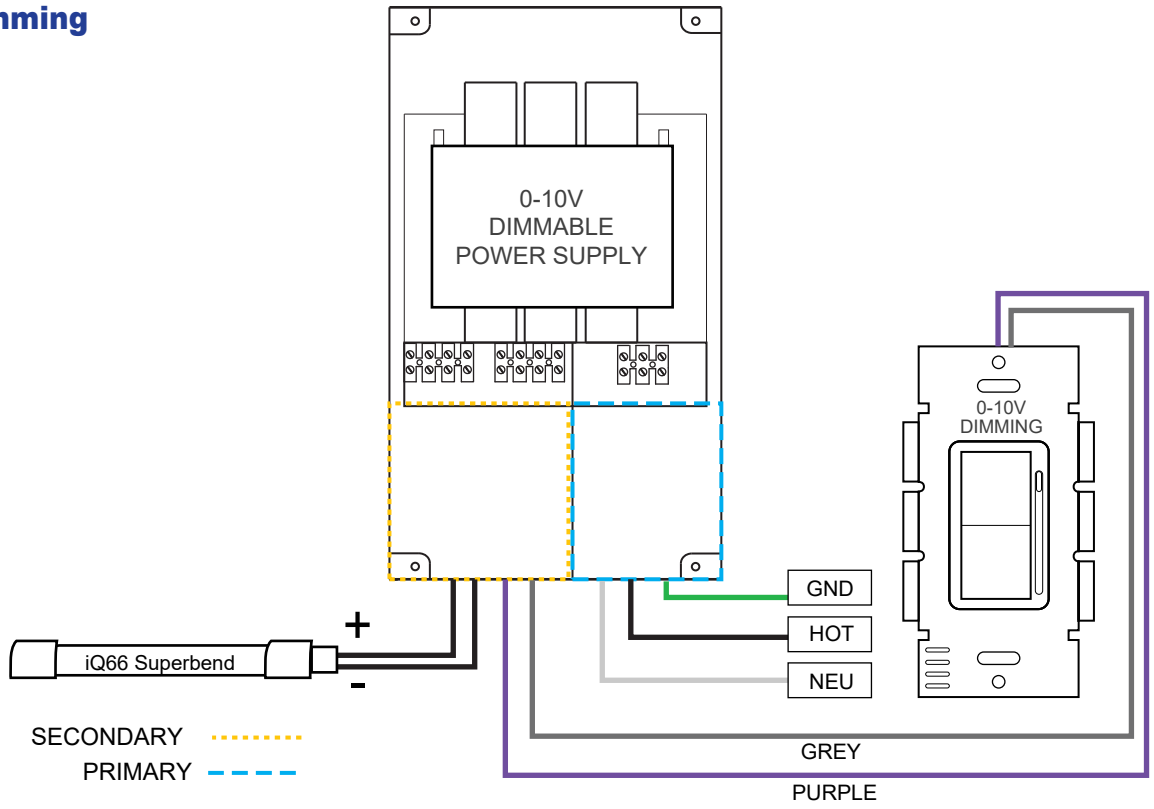
NOTES:
- CRI R values, only R1-R8 are used to calculate RA CRI values
- TM30 C values, 16 binned values out of total of 99 C values
- CQS Q values
- Data subject to change, all data has +/- 5% tolerance

iQ66 LED **SUPERBEND LARGE (SBDL)**

POWER SUPPLIES

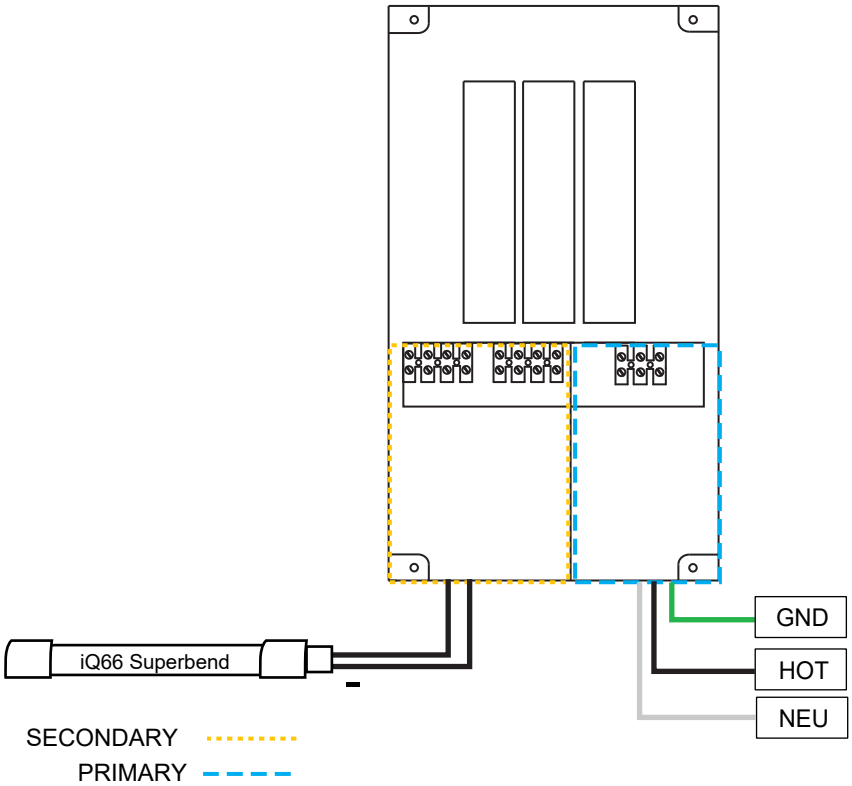
Electronic 0-10V Dimming

QTM for interior
QOM for exterior



Electronic Driver Non-Dimming

QTM for interior
QOM for exterior

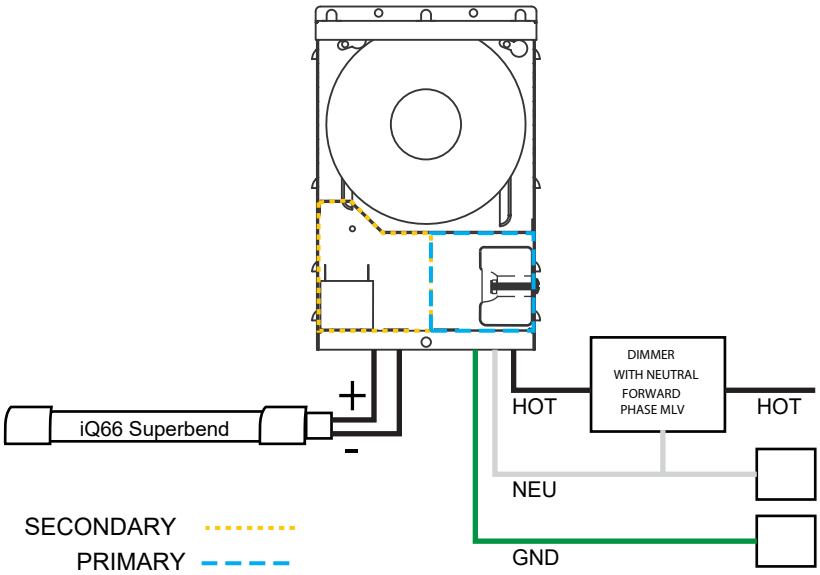


iQ66 LED **SUPERBEND LARGE (SBDL)**

POWER SUPPLIES

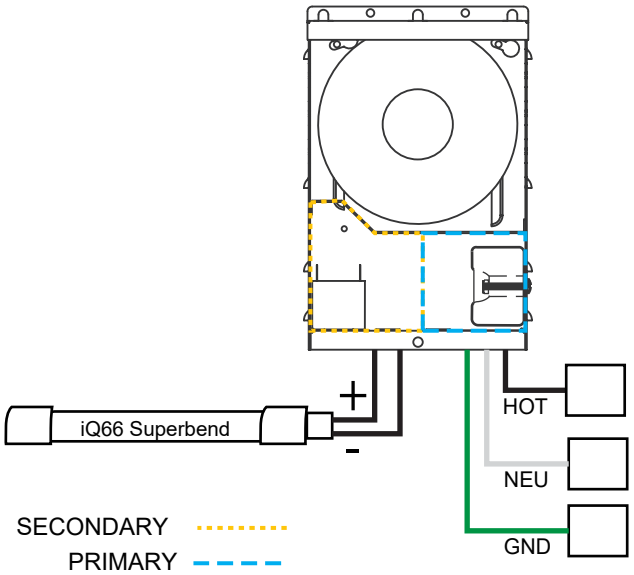
Magnetic with Dimmer
DC or DC+CAP

QT & **Q6** for interior
QOM for exterior



Magnetic without Dimmer
DC or DC+CAP

QT & **Q6** for interior
QOM for exterior



Phase Controlled Dimming

iQ-PH-80