



# BEND-IT™

## FULL SPECIFICATION SHEET



FIXTURE TYPE



FIXTURE CODE



QUANTITIES

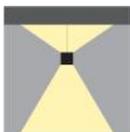
### 1 DESCRIPTION

**BEND-IT** is a highly adaptable lighting system built around a flexible joiner that bends up to 360 degrees in any horizontal direction, enabling smooth transitions and continuous, flowing layouts. This flexibility allows the fixture to respond naturally to architectural conditions, supporting expressive runs and organic compositions without breaking visual continuity. Composed of sectional lengths from 2' to 50' using Start, Middle, and End sections, the system supports a wide range of configurations while maintaining a consistent dimensional profile. Finished in Satin Black with curved endcaps, **BEND-IT** integrates cleanly with architectural elements and contributes to comfortable, well-balanced environments.

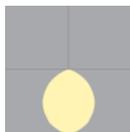
### 2 OPTICS & FEATURES



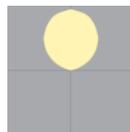
Suspended  
Direct



Suspended  
Direct/Indirect



Direct DD3



Indirect UD2



Declare



PoE

### 3 APPROVALS



**4** GENERAL SPECIFICATION

**BODY**

Powder-coated aluminum.

**SUSPENSION**

Steel cables.

**DRIVERS**

HPF electronic drivers for 120-277V, 347 (EU-240V). The driver is integral to the fixture housing.

**POE**

Can be integrated into your data network via Power over Ethernet (PoE) connectivity.

**INTEGRAL EMERGENCY SYSTEM**

Emergency option provides a 1.5 hour (3 hours for EU) emergency lighting facility. The self contained system includes the inverter module, NiCad batteries, LED charge indicator and test switch (NA only). Not available with a 347V supply.

**REPORTED L70 @25°C (77°F)**

> 102,000 hrs @ 1800 lumens/ft (5900 lumens/m)

**DELIVERED LUMENS**

Delivered lumens & LPW based on 4000K CRI 80+

**DESIGNED BY**

Serge Cornelissen

**SEISMIC BRACING**

Seismic bracing kits are available to meet compliance requirements. Consult the factory for details.

**FLEXIBLE JOINER**

Painted silicone.

**POWER CABLE**

Silver braided.

**LENS**

Opal acrylic.

**MECHANICAL**

Luminaires mount directly over J box (by others).

**SENSORS**

Compatible with Avi-On, Casambi, Enlighted, Lutron Vive, nLight, NX Lighting Controls, Osram, Philips, and others. Consult factory.

**ESTIMATED L70 @25°C (77°F)**

> 245,000 hrs @ 1800 lumens/ft (5900 lumens/m)

**APPROVALS**

Damp Rated.

**DESIGN**

US Design Patent Pending.

**SUSTAINABILITY**

Designed for on-site LED board, driver, and optic replacement. Contact the factory for maintenance documentation.

**5 DESIGN OPTIONS**

**FIXTURE FINISH**



Satin Black

Fixture is available in Satin Black only.

**FLEXIBLE JOINER**



Not required

<sup>1</sup>



Satin Black

<sup>1</sup> The flexible joiner is not included with the end section (SLS4).

**CANOPY FINISH**



Not required



White -  
Textured



Satin Black

**6 HOW TO ORDER**

**1. LUMINAIRE TYPE**

**BNDP** Pendant

One power cord for every 48ft. If the continuous run is over 24ft, direct/indirect, and spotlights are required in conjunction, consult factory for the number of power cords.

**2. DIRECTION**

**DT1** Direct

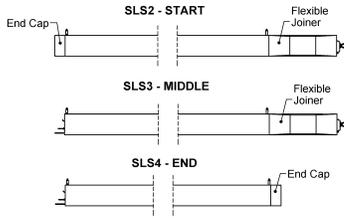
**DT2** Direct/Indirect

### 3. SECTION TYPE

SLS2 Start <sup>1</sup>

SLS3 Middle <sup>1</sup>

SLS4 End <sup>2</sup>



<sup>1</sup> Comes with the flexible joiner. <sup>2</sup> Does not come with the flexible joiner.

### 4. LENGTH OF RUN

The minimum length of order is 2'. Lengths are to be in 2' increments.

**Example:**

4' = SFA0400

10' = SFA1000

50' = SFA5000

For runs over 50ft in length, consult factory.

SFA\_ \_ \_ \_

### 5. MAX LENGTH PER SECTION

SL02 2ft <sup>1</sup>

SL04 4ft

SL06 6ft

SL08 8ft

SL10 10ft

SL12 12ft

<sup>1</sup> If Direct/Indirect (DT2) is required with the 2ft section length (SL02), the dimming curves will not match the longer length options.

\* Review the Linear Length Configurations document for each length of run.

### 6. POWER CABLE

PC0 Not required

PC1 Power cable required <sup>1</sup>

<sup>1</sup> Minimum one power cable per fixture (all modules combined). Each power cable ships with a canopy and covers 50 ft of run. For runs over 50 ft, add a second power cable to another module.

### 7. LM/FT (DIRECT)

LPF020 200 lm/ft

LPF040 400 lm/ft

LPF060 600 lm/ft

LPF080 800 lm/ft

## 8. LM/FT (INDIRECT)

LPG000 Not required	LPG020 200 lm/ft <sup>1</sup>	LPG040 400 lm/ft	LPG060 600 lm/ft
LPG080 800 lm/ft	LPG100 1000 lm/ft		

<sup>1</sup> Not available with the 2ft section length (SL02).

## 9. CRI

CR80 CRI 80+	CR90 CRI 90+
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## 10. CCT

CTA27 2700K	CTA30 3000K	CTA35 3500K	CTA40 4000K
CTA60 Tunable White <sup>1</sup>			

<sup>1</sup> Only available with direct direction (DT1), CRI 80+ (CR80), and DALI DT8 dimming (DA23).

## 11. DIRECT LENS

DD3 Diffused

## 12. INDIRECT LENS

UD0 Not required	UD2 Opal
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## 13. VOLTAGE

V1 120/277V	V2 240V <sup>1</sup>	V3 347V <sup>2</sup>	V4 Low Voltage <sup>3</sup>
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<sup>1</sup> Not available in North America. <sup>2</sup> Only available with DA01 dimming. <sup>3</sup> Only available with DA45 dimming.

## 14. DIMMING

DA01 0-10V Dimming 1.0%	DA02 0-10V Dimming 0.1% <sup>1 2</sup>	DA20 DALI Dimming 0.1% <sup>1 2</sup>	DA21 DALI Dimming 1.0% <sup>1 2</sup>
DA23 DALI DT8 Dimming 0.1% - Tunable White <sup>1 3</sup>	DA45 PoE <sup>4</sup>		

<sup>1</sup> Not available with V3.

<sup>2</sup> Not available with 2ft section length (SL02) if indirect (DT2) is required.

<sup>3</sup> Only available with Tunable White (CTA60).

<sup>4</sup> Only available with V4.

## 15. CEILING TYPE

**H1** Hard ceiling <sup>1</sup>

**G1** Grid ceiling <sup>2</sup>

The cost for the canopies, power cables, connection mechanisms, and end caps for the fixture has been added to these items.

<sup>1</sup> Designed for drywall ceilings. <sup>2</sup> Combo kit provided includes installation to T-bar and through tile mount.

## 16. SUSPENSION

**HLA03** 3ft cable suspension

**HLA06** 6ft cable suspension

**HLA09** 9ft cable suspension

## 17. FIXTURE FINISH

**FA61** Satin Black

Fixture is available in Satin Black only.

## 18. FLEXIBLE JOINER

**FB00** Not required <sup>1</sup>

**FB61** Satin Black

<sup>1</sup> The flexible joiner is not included with the end section (SLS4).

## 19. CANOPY FINISH

**CF00** Not required

**CF01** White - Textured

**CF61** Satin Black

## 20. EMERGENCY

**E0** Not required

**E1** Emergency system - Integral <sup>1 2</sup>

<sup>1</sup> An extra power cord will be supplied to each section of the fixture when ordering emergency.

<sup>2</sup> Consult factory. A drawing will be required at time of ordering to determine the required number and location of the emergency sections or generator circuits. Not available in 347V.

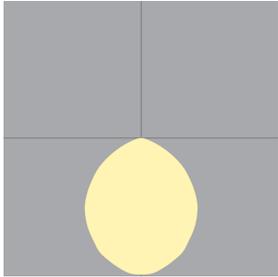
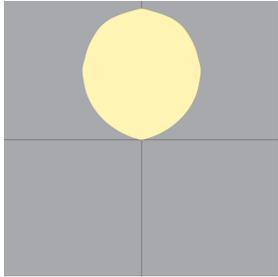
## 21. CIRCUITS

**CS1** Single circuit

**CS2** Dual circuit <sup>1</sup>

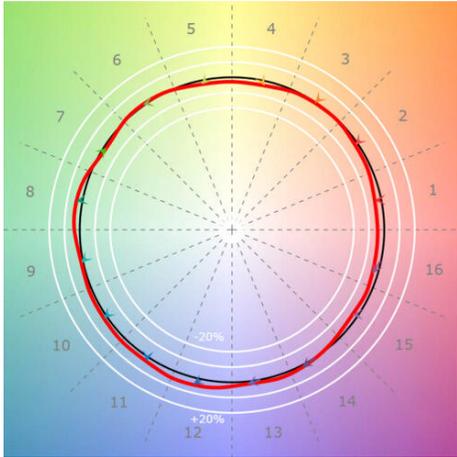
<sup>1</sup> Not available with the 2ft section length.

**7** PERFORMANCE DATA

DIRECT DIFFUSED (DD3)	LUMENS/FT	WATTS/FT	LPW	INDIRECT OPAL (UD2)	LUMENS/FT	WATTS/FT	LPW
	800	11	67		1000	10	73
	600	9	70		800	8	76
	400	6	75		600	6	80
	200	3	81		400	4	87
					200	2	94

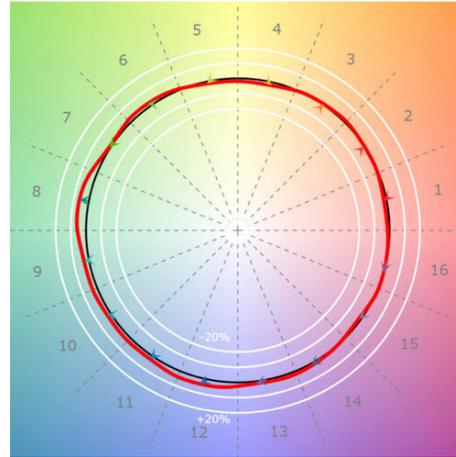
**8** TM-30 DATA

**CCT 2700K**



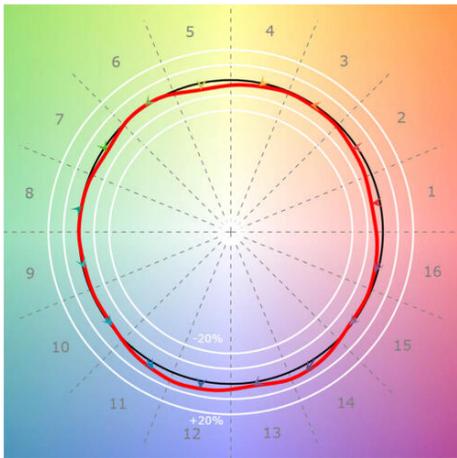
<b>CRI(Ra)</b>	94
<b>CRI(R9)</b>	58
<b>TM30(Rf)</b>	93
<b>TM30(Rg)</b>	99
<b>Duv</b>	0.0004

**CCT 3000K**



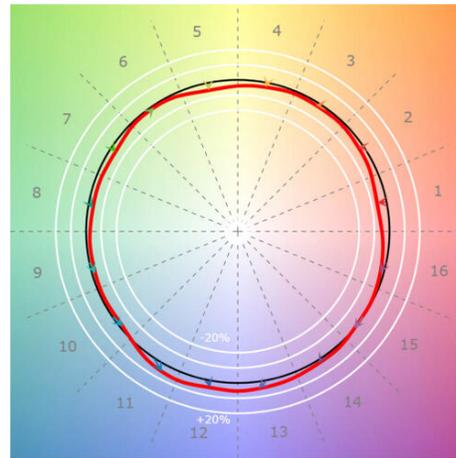
<b>CRI(Ra)</b>	94
<b>CRI(R9)</b>	75
<b>TM30(Rf)</b>	93
<b>TM30(Rg)</b>	102
<b>Duv</b>	-0.0001

**CCT 3500K**



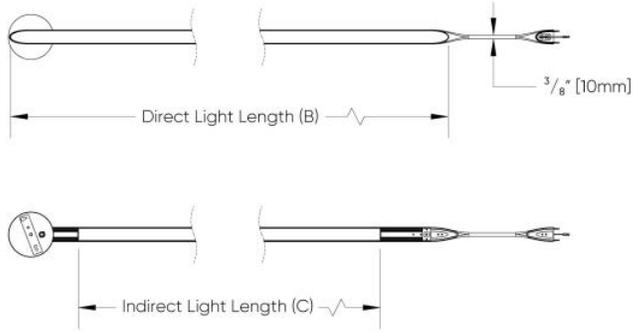
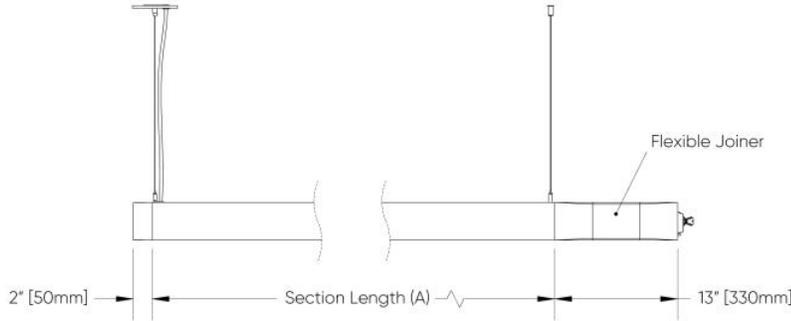
<b>CRI(Ra)</b>	94
<b>CRI(R9)</b>	53
<b>TM30(Rf)</b>	91
<b>TM30(Rg)</b>	98
<b>Duv</b>	0.0009

**CCT 4000K**



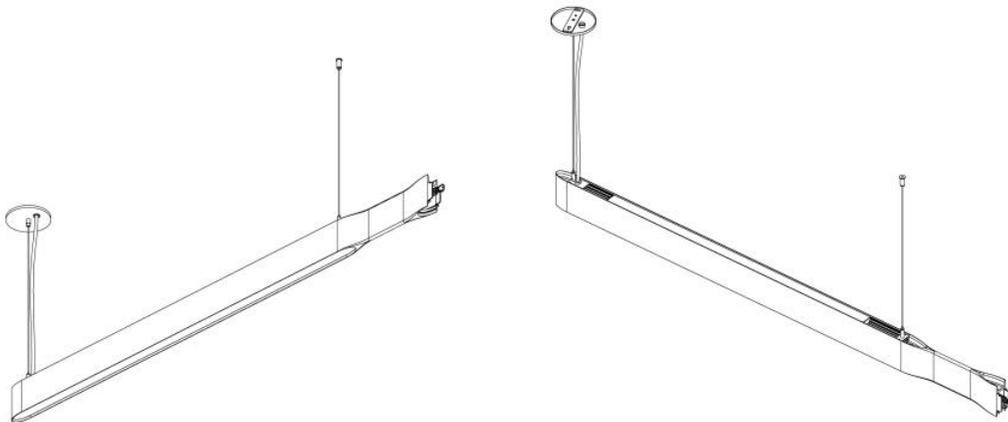
<b>CRI(Ra)</b>	92
<b>CRI(R9)</b>	50
<b>TM30(Rf)</b>	89
<b>TM30(Rg)</b>	97
<b>Duv</b>	0.0011

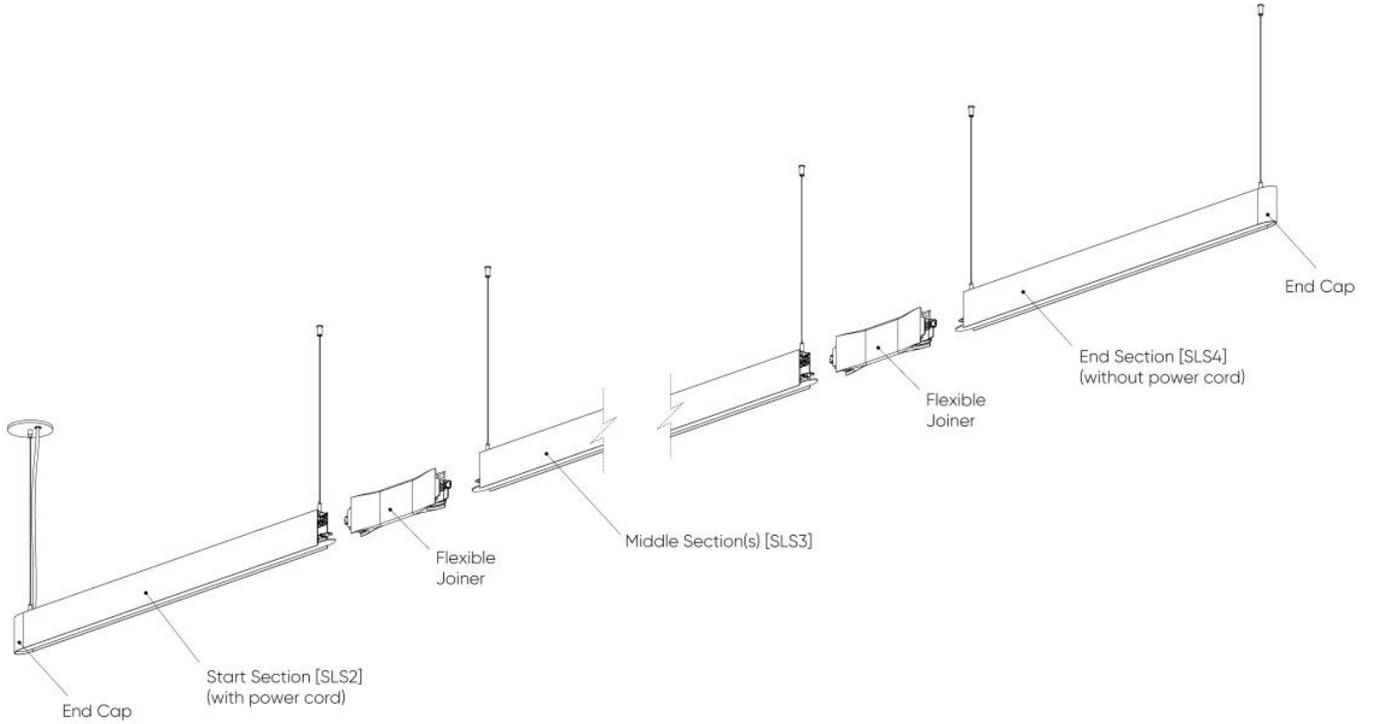
**9** DIMENSIONAL DIAGRAMS



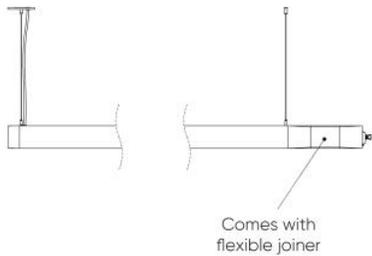
FIXTURE SIZE	A Section Length	B Direct Light Length	C Indirect Light Length
2FT [SL02]	21 1/2" [546mm]	25 3/8" [640mm]	12 3/8" [315mm]
4FT [SL04]	45 1/2" [1156mm]	49 3/8" [1250mm]	34 1/8" [884mm]
6FT [SL06]	69 1/2" [1765mm]	73 3/8" [1859mm]	57 3/8" [1458mm]
8FT [SL08]	93 1/2" [2375mm]	97 3/8" [2469mm]	85 3/8" [2182mm]
10FT [SL10]	117 1/2" [2985mm]	121 3/8" [3079mm]	108 3/8" [2758mm]
12FT [SL12]	141 1/2" [3594mm]	145 3/8" [3658mm]	131 3/8" [3338mm]

Each section type supports continuous runs up to 50 ft. Please refer to the Linear Length Configurations document.

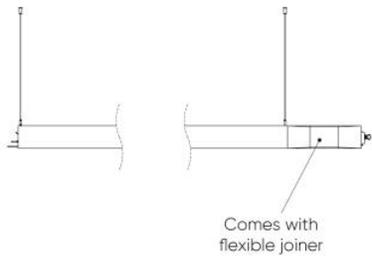




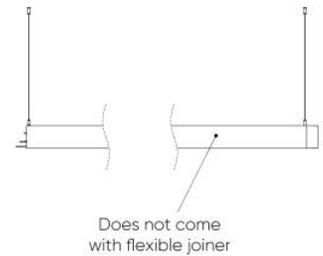
**SLS2 - START SECTION:**



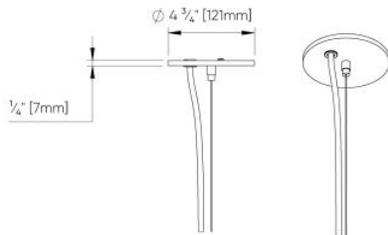
**SLS3 - MIDDLE SECTION:**



**SLS4 - END SECTION:**



**H1 - HARD CEILING**



**G1 - GRID CEILING**

