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



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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.

LUMINAIRE LEVEL LIGHTING CONTROLS
This product can be configured for integration with luminaire-level lighting controls. Contact the factory for available options and project-specific requirements.

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

DESIGN
US Pat. No. D1,117,909

FLEXIBLE JOINER
Painted silicone.

POWER CABLE
Silver braided.

LENS
Opal polycarbonate.

MECHANICAL
Luminaires mount directly over J box (by others).

INTEGRAL EMERGENCY SYSTEM(E1)
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. Refer to the Emergency option notes below for wattage, configuration and regional details.

ESTIMATED L70 @25°C (77°F)
> 245,000 hrs @ 1800 lumens/ft (5900 lumens/m)

APPROVALS
Damp Rated.

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

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

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5 DESIGN OPTIONS

FIXTURE FINISH



Satin Black

Fixture is available in Satin Black only.

FLEXIBLE JOINER

Not required [1]



Satin Black

[1] The flexible joiner is not included with the end section (SLS4) and the standalone section (SLS5).

CANOPY FINISH

Not required

White - Textured



Satin Black

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6 HOW TO ORDER

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.

DIRECTION

DT1 Direct

DT2 Direct/Indirect

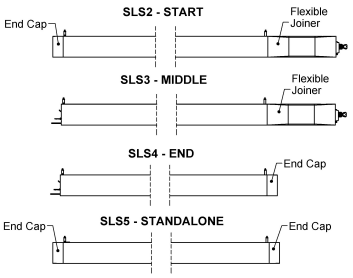
SECTION TYPE

SLS2 Start [1]

SLS3 Middle [1]

SLS4 End [2]

SLS5 Standalone [2]



[1] Comes with the flexible joiner. [2] Does not come with the flexible joiner.

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_ _ _ _

MAX LENGTH PER SECTION

SL02 2ft [1]

SL04 4ft

SL06 6ft

SL08 8ft

SL10 10ft

SL12 12ft

[1] 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.

POWER CABLE

PC0 Not required

PC1 Power cable required [1]

[1] 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.

LM/FT (DIRECT)

LPF020 200 lm/ft

LPF040 400 lm/ft

LPF060 600 lm/ft

LPF080 800 lm/ft

LM/FT (INDIRECT)

LPG000 Not required

LPG020 200 lm/ft [1]

LPG040 400 lm/ft

LPG060 600 lm/ft

LPG080 800 lm/ft

LPG100 1000 lm/ft

[1] Not available with the 2ft section length (SL02).

CRI

CR80 CRI 80+

CR90 CRI 90+

CCT

CTA27 2700K

CTA30 3000K

CTA35 3500K

CTA40 4000K

CTA60 Tunable White [1]

[1] Only available with direct direction (DT1), CRI 80+ (CR80), and DALI DT8 dimming (DA23).

DIRECT LENS

DD3 Diffused

INDIRECT LENS

UD0 Not required

UD2 Opal

VOLTAGE

V1 120/277V

V2 240V [1]

V3 347V [2]

V4 Low Voltage [3]

[1] Not available in North America. [2] Only available with DA01 dimming. [3] Only available with DA45 dimming.

DIMMING

DA01 0-10V Dimming 1.0%

DA02 0-10V Dimming 0.1% [1] [2]

DA20 DALI Dimming 0.1% [1] [2]

DA21 DALI Dimming 1.0% [1] [2]

DA23 DALI DT8 Dimming 0.1% - Tunable White [1] [3]

DA45 PoE [4]

[1] Not available with V3.
[2] Not available with 2ft section length (SL02) if indirect (DT2) is required.
[3] Only available with Tunable White (CTA60).
[4] Only available with V4.

CEILING TYPE

H1 Hard ceiling [1]

G1 Grid ceiling [2]

The cost for the canopies, power cables, connection mechanisms, and end caps for the fixture has been added to these items.
[1] Designed for drywall ceilings. [2] Combo kit provided includes installation to T-bar and through tile mount.

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SUSPENSION

HLA03 3ft cable suspension
HLA06 6ft cable suspension
HLA09 9ft cable suspension

FIXTURE FINISH

FA61 Satin Black

Fixture is available in Satin Black only.

FLEXIBLE JOINER

FB00 Not required [1]
FB61 Satin Black

[1] The flexible joiner is not included with the end section (SLS4) and the standalone section (SLS5).

CANOPY FINISH

CF00 Not required
CF01 White - Textured
CF61 Satin Black

EMERGENCY

E0 Not required
E1 Emergency system - Integral [1]

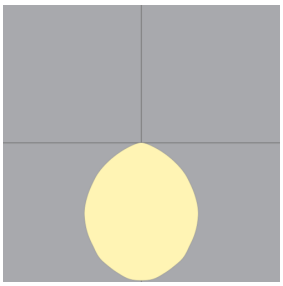
[1] For North America, the minimum emergency system wattage is 10W. Refer to the fixture's lumens per watt to estimate emergency light output. The emergency system typically powers only a portion of the fixture, depending on the fixture configuration and number of drivers. Consult factory for emergency system configuration and illuminated section details.
For Europe, the emergency system wattage and configuration may vary. Each emergency section will require its own power cable. Consult factory for details.

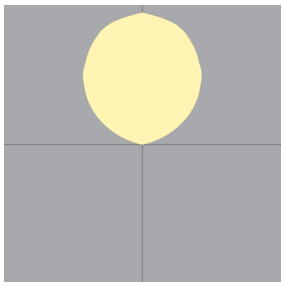
CIRCUITS

CS1 Single circuit
CS2 Dual circuit [1]

[1] Not available with the 2ft section length.

7 PERFORMANCE DATA

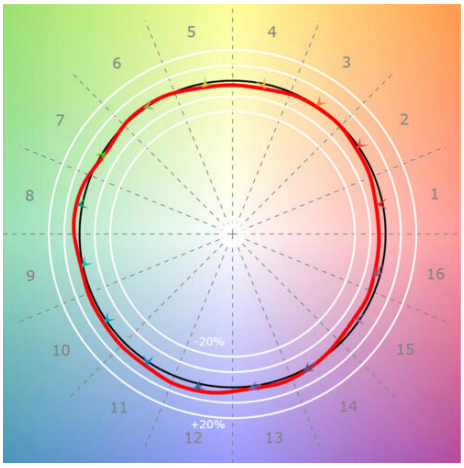
DIRECT DIFFUSED (DD3)	LUMENS/FT	WATTS/FT	LPW
	800	11	67
	600	9	70
	400	6	75
	200	3	81

INDIRECT OPAL (UD2)	LUMENS/FT	WATTS/FT	LPW
	1000	10	73
	800	8	76
	600	6	80
	400	4	87
	200	2	94

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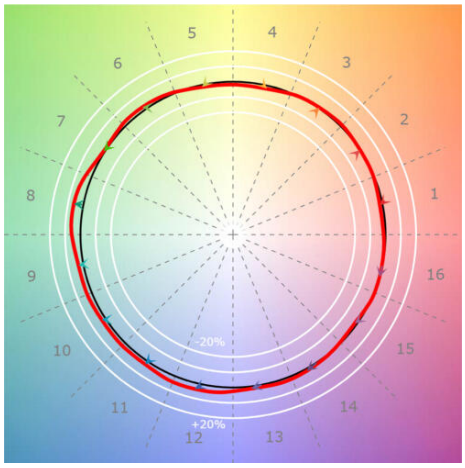
8 TM-30 DATA

CCT 2700K



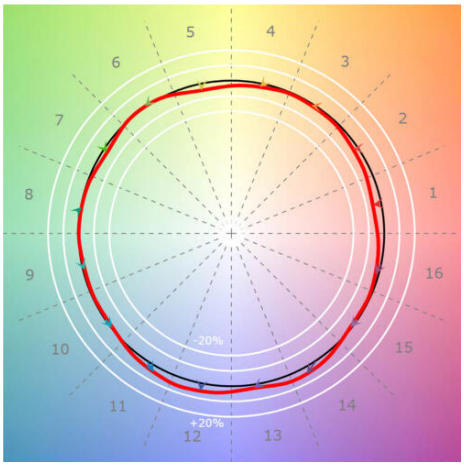
CRI(Ra)	94
CRI(R9)	58
TM30(Rf)	93
TM30(Rg)	99
Duv	0.0004

CCT 3000K



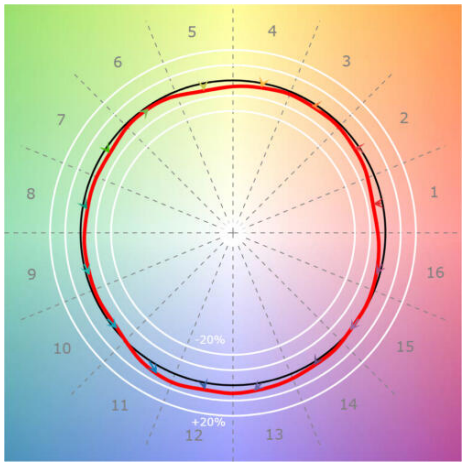
CRI(Ra)	94
CRI(R9)	75
TM30(Rf)	93
TM30(Rg)	102
Duv	-0.0001

CCT 3500K



CRI(Ra)	94
CRI(R9)	53
TM30(Rf)	91
TM30(Rg)	98
Duv	0.0009

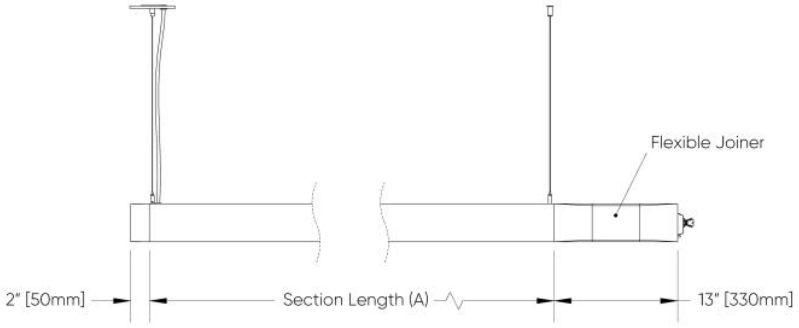
CCT 4000K

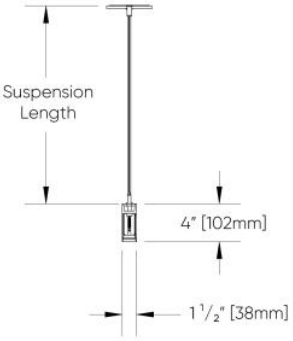


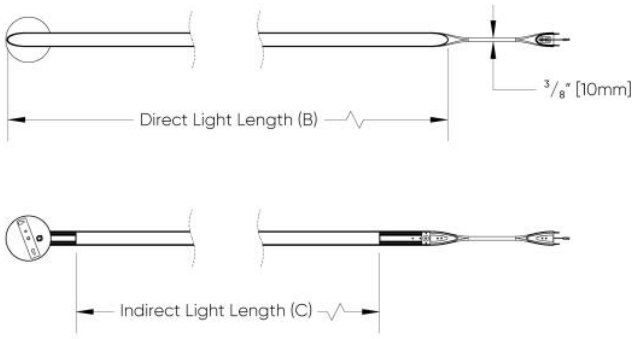
CRI(Ra)	92
CRI(R9)	50
TM30(Rf)	89
TM30(Rg)	97
Duv	0.0011

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9 DIMENSIONAL DIAGRAMS

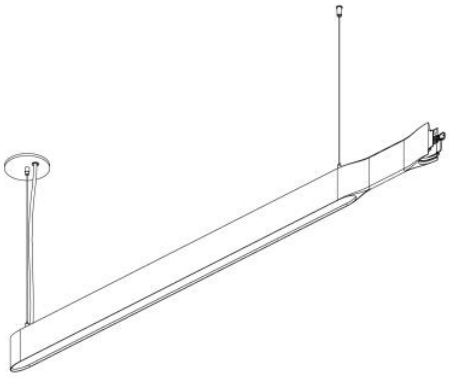


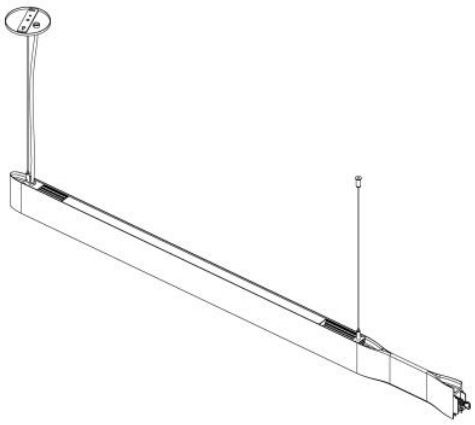




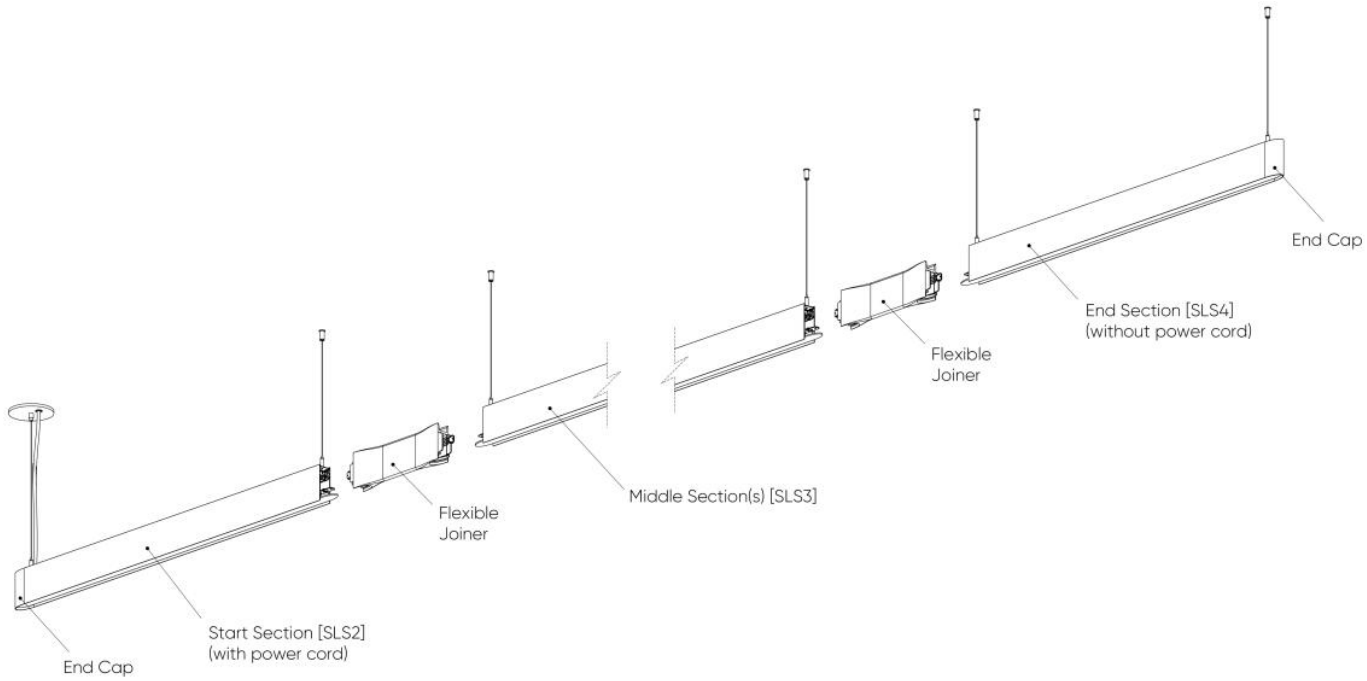
FIXTURE SIZE	A Section Length	B Direct Light Length	C Indirect Light Length
2FT [SL02]	21 1/2" [546mm]	25 3/16" [640mm]	12 3/8" [315mm]
4FT [SL04]	45 1/2" [1156mm]	49 3/16" [1250mm]	34 13/16" [884mm]
6FT [SL06]	69 1/2" [1765mm]	73 3/16" [1859mm]	57 3/8" [1458mm]
8FT [SL08]	93 1/2" [2375mm]	97 3/16" [2469mm]	85 7/8" [2182mm]
10FT [SL10]	117 1/2" [2985mm]	121 3/16" [3079mm]	108 5/8" [2758mm]
12FT [SL12]	141 1/2" [3594mm]	145 3/16" [3658mm]	131 3/8" [3338mm]

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

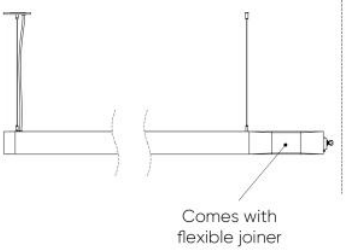




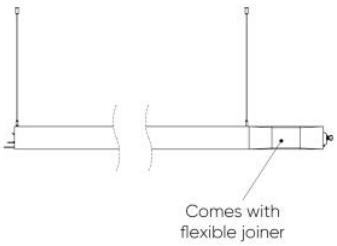
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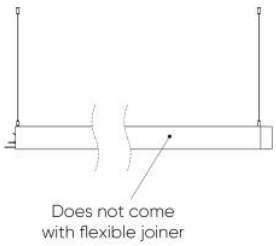
SLS2 - START SECTION:



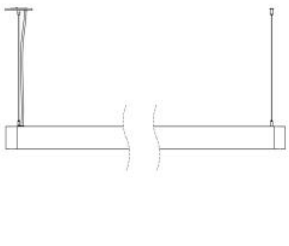
SLS3 - MIDDLE SECTION:

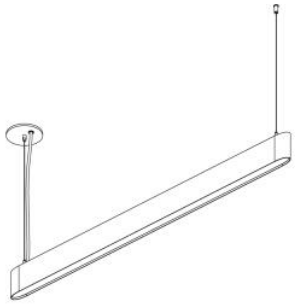


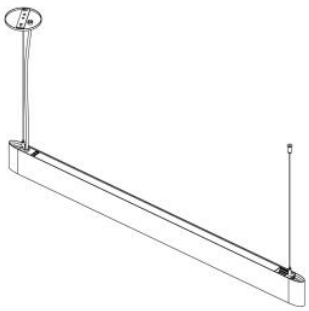
SLS4 - END SECTION:



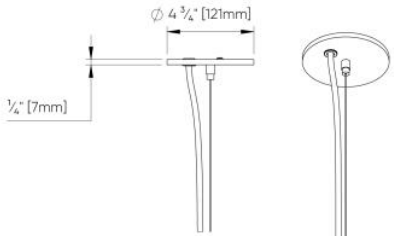
SLS5 - STANDALONE SECTION:



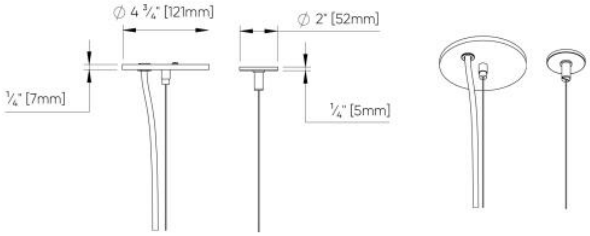




H1 - HARD CEILING



G1 - GRID CEILING



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