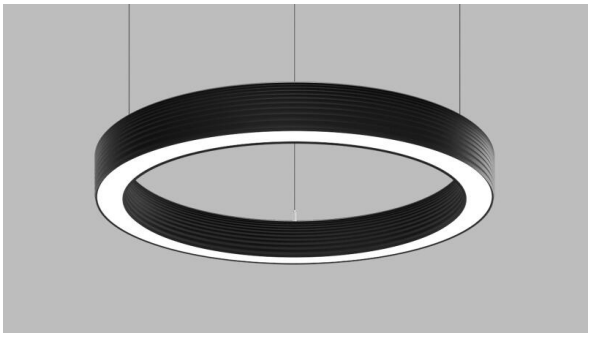
BELLOWS RING

FULL SPECIFICATION SHEET



FIXTURE TYPE	FIXTURE CODE	QUANTITIES

1 DESCRIPTION

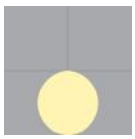
BELLOWS RING takes the standard ring luminaire and further enhances the aesthetic with its stunning sculptural pleated form introducing rhythm, depth, and character to the ceiling plane. Inspired by the ridged profile of fireplace bellows, this 2.5" aperture luminaire combines bold architectural presence with the reliable performance of a proven workhorse. The diffused lens delivers smooth, uniform illumination, while supporting a broad range of lighting applications. With multiple lumen packages, high-efficacy performance, BIOS integration for circadian support, and 13 distinctive finishes, **BELLOWS RING** brings together technical precision and a refined, tactile design language in one expressive architectural luminaire.

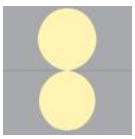
2 OPTICS & FEATURES


Suspended Direct


Suspended Direct/Indirect


Surface Direct


Direct


Direct-Indirect



Declare



PoE

3 APPROVALS



4 GENERAL SPECIFICATION

BODY

Aluminum.

FINISH

Powder coated.

© 2026 Beta-Calco Inc. Specifications are subject to change without notice

SUSPENSION
Steel cables. Recommended minimum mounting heights: 1ft (305mm).

REMOTE EMERGENCYSYSTEM (E2)
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.

POE
BELLOWS RING can integrate into your data network via Power over Ethernet (PoE) connectivity.

L70 @25°C
> 102,000 hrs.

APPROVALS
Damp Rated.

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

LENS
Opal polycarbonate

DRIVERS
Remote, HPF electronic drivers for 120-277V (EU-240V) dimming. Wire size 18 AWG - max distance (from fixture to drivers) 40' (12.2m), wire size 16 AWG - max distance 60' (18.3m), wire size 14 AWG - max distance 90' (27.4m). Drivers must be accessible after installation. Drivers are either remote mounted or integral to the canopy. For longer remote distances, consult factory.

MECHANICAL
Luminaires mount directly over J box (by others - North America only).

DELIVERED LUMENS
Delivered lumens & LPW based on 4000K (min 80 CRI).

DESIGN
US Design Patent Pending.

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

© 2026 Beta-Calco Inc. Specifications are subject to change without notice

5 DESIGN OPTIONS

FIXTURE FINISH

White


Black Metallic - Textured

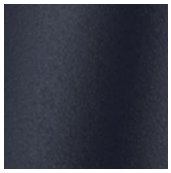

Silver Metallic - Textured


Gold Metallic - Textured

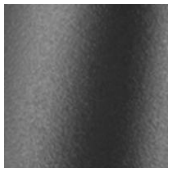

Wood grain - Light Cherry [1]


Wood grain - Dark Walnut [1]


Wood grain - White Oak [1]


Midnight Blue Metallic - Textured


Copper Metallic


Charcoal Metallic - Textured


Bronze Metallic - Textured


Champagne Metallic


Red Metallic - Textured

[1] Wood grain finishes may incur longer lead times and setup charges. Consult factory for details.

CANOPY FINISH

White

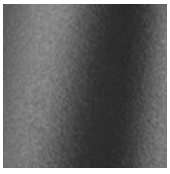

Black Metallic - Textured


Silver Metallic - Textured


Gold Metallic - Textured


Midnight Blue Metallic - Textured


Copper Metallic


Charcoal Metallic - Textured


Bronze Metallic - Textured


Champagne Metallic


Red Metallic - Textured

© 2026 Beta-Calco Inc. Specifications are subject to change without notice

ACOUSTIC PANEL COLOR


Not required


Citrus

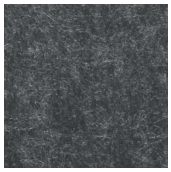
White


Red Coffee

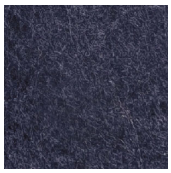

Light Gray


Apple Green


Blue


Sesame Gray


Black


Navy Peony


Pure Red


Cloudburst


Douglas Fir


Oak

Acoustic panels 60" and larger will include a visible seam. For accompanying non-illuminating acoustic panels, see our Acoustic Circles, Quads, Triangles, and Ellipse spec pages. Other finishes available. Contact factory.

6 HOW TO ORDER

LUMINAIRE TYPE

BLRP Pendant
BLRC Surface

DIAMETER

SL02 2ft
SL03 3ft
SL04 4ft
SL05 5ft
SL06 6ft
SL07 7ft

DIRECTION

DT1 Direct
DT2 Direct/Indirect

LUMENS (DIRECT)

LPF020 200 lm/ft
LPF040 400 lm/ft
LPF060 600 lm/ft
LPF080 800 lm/ft
LPF100 1000 lm/ft

LUMENS (INDIRECT)

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

CRI

CR80 CRI 80+
CR90 CRI 90+

CCT

CTA27 2700K
CTA30 3000K
CTA35 3500K
CTA40 4000K

VOLTAGE

V1 120/277V
V2 240V [1]
V3 347V [2]
V4 Low Voltage [3]

[1] Not available in North America. [2] Available with DA01 dimming only. [3] V4 available with DA45 dimming only.

© 2026 Beta-Calco Inc. Specifications are subject to change without notice

DIMMING

DA01 0-10V Dimming 1.0%

DA02 0-10V Dimming 0.1% [1]

DA20 DALI Dimming 0.1% [2]

DA21 DALI Dimming 1.0% [3]

DA45 PoE [1]

[1] Available with V4 only. [2] The drivers will be in a remote box. [3] Consult factory.

SUSPENSION

SS0 Not required [1]

SS1 Vertical, Remote driver

SS2 Hub, Remote driver

SS3 Hub, Driver Integral to Canopy [2]

[1] SS0 is for ceiling luminaire type.
[2] Not available with 7ft diameter and direct/indirect.

FIXTURE FINISH

FA01 White

FA02 Black Metallic - Textured

FA20 Silver Metallic - Textured

FA25 Gold Metallic - Textured

FA27 Wood grain - Light Cherry [1]

FA28 Wood grain - Dark Walnut [1]

FA30 Wood grain - White Oak [1]

FA44 Midnight Blue Metallic - Textured

FA45 Copper Metallic

FA46 Charcoal Metallic - Textured

FA47 Bronze Metallic - Textured

FA52 Champagne Metallic

FA53 Red Metallic - Textured

[1] Wood grain finishes may incur longer lead times and setup charges. Consult factory for details.

CANOPY FINISH

CF01 White

CF02 Black Metallic - Textured

CF20 Silver Metallic - Textured

CF25 Gold Metallic - Textured

CF44 Midnight Blue Metallic - Textured

CF45 Copper Metallic

CF46 Charcoal Metallic - Textured

CF47 Bronze Metallic - Textured

CF52 Champagne Metallic

CF53 Red Metallic - Textured

ACOUSTIC PANEL COLOR

AP00 Not required

AP02 Citrus

AP04 White

AP08 Red Coffee

AP11 Light Gray

AP13 Apple Green

AP22 Blue

AP26 Sesame Gray

AP27 Black

AP47 Navy Peony

AP60 Pure Red

AP73 Cloudburst

AP89 Douglas Fir

APW01 Oak

Acoustic panels 60" and larger will include a visible seam. For accompanying non-illuminating acoustic panels, see our Acoustic Circles, Quads, Triangles, and Ellipse spec pages. Other finishes available. Contact factory.

EMERGENCY

E0 Not required

E2 Emergency system - Remote [1]

[1] One extra power cord will be supplied with remote emergency. Not available with V3.

CIRCUITS

CS1 Single circuit

CS2 Dual circuit

© 2026 Beta-Calco Inc. Specifications are subject to change without notice

7 PERFORMANCE DATA

2FT-DIRECT	Lumens	Watts	LPW	2FT-INDIRECT	Lumens	Watts	LPW
LPF020	1220	12	103	LPG020	1280	9	144
LPF040	2580	26	98	LPG040	2570	18	139
LPF060	3730	41	91	LPG060	3850	29	133
LPF080	5020	59	86	LPG080	5070	40	128
LPF100	6440	79	81	LPG100	6760	56	121

3FT-DIRECT	Lumens	Watts	LPW	3FT-INDIRECT	Lumens	Watts	LPW
LPF020	1910	19	103	LPG020	2000	14	144
LPF040	4020	41	98	LPG040	4010	29	139
LPF060	5830	64	91	LPG060	6010	45	133
LPF080	7830	92	86	LPG080	7900	62	128
LPF100	10050	124	81	LPG100	10540	87	121

4FT-DIRECT	Lumens	Watts	LPW	4FT-INDIRECT	Lumens	Watts	LPW
LPF020	2450	24	103	LPG020	2570	18	144
LPF040	5150	52	98	LPG040	5140	37	139
LPF060	7470	82	91	LPG060	7700	58	133
LPF080	10050	117	86	LPG080	10130	79	128
LPF100	12880	159	81	LPG100	13510	112	121

5FT-DIRECT	Lumens	Watts	LPW	5FT-INDIRECT	Lumens	Watts	LPW
LPF020	3060	30	103	LPG020	3210	22	144
LPF040	6440	65	98	LPG040	6420	46	139
LPF060	9340	103	91	LPG060	9630	73	133
LPF080	12560	147	86	LPG080	12670	99	128
LPF100	16100	198	81	LPG100	16890	140	121

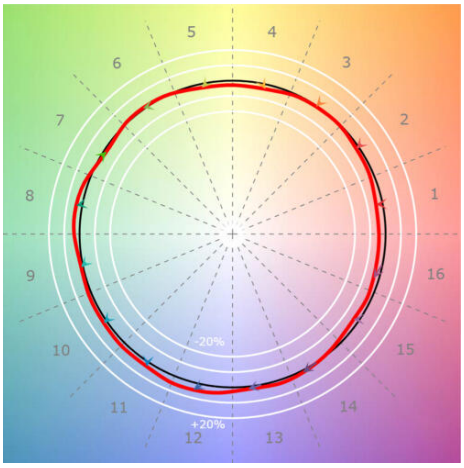
6FT-DIRECT	Lumens	Watts	LPW	6FT-INDIRECT	Lumens	Watts	LPW
LPF020	3250	32	103	LPG020	3410	24	144
LPF040	6850	70	98	LPG040	6830	49	139
LPF060	9930	110	91	LPG060	10240	77	133
LPF080	13360	156	86	LPG080	13480	105	128
LPF100	17130	211	81	LPG100	17970	149	121

7FT-DIRECT	Lumens	Watts	LPW	7FT-INDIRECT	Lumens	Watts	LPW
LPF020	4090	40	103	LPG020	4290	30	144
LPF040	8600	87	98	LPG040	8580	62	139
LPF060	12470	138	91	LPG060	12860	97	133
LPF080	16770	196	86	LPG080	16930	132	128
LPF100	21510	265	81	LPG100	22570	186	121

© 2026 Beta-Calco Inc. Specifications are subject to change without notice

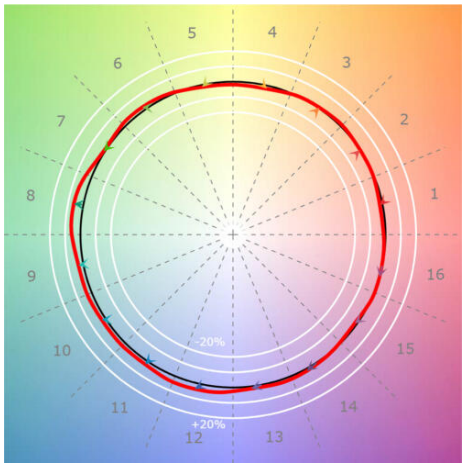
8 TM-30 DATA

CCT 2700K



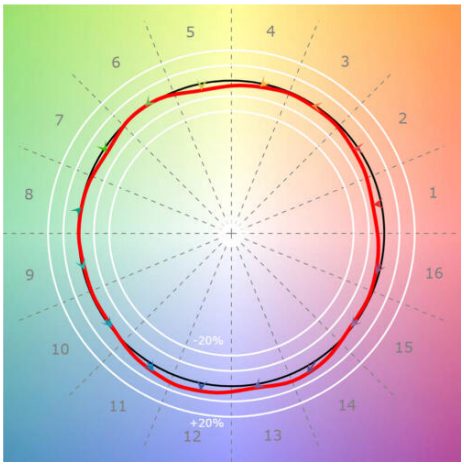
CRI(Ra)	94
CRI(R9)	58
TM30(Rf)	93
TM30(Rg)	99
Duv	0.0004

CCT 3000K



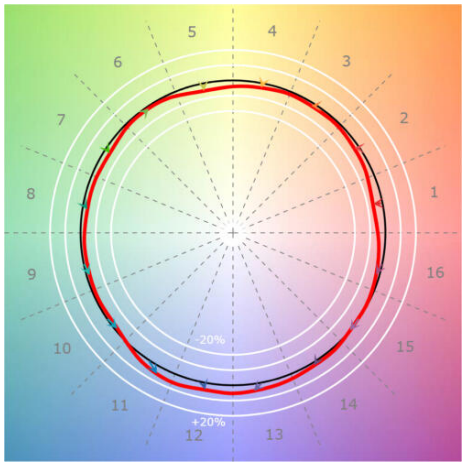
CRI(Ra)	94
CRI(R9)	75
TM30(Rf)	93
TM30(Rg)	102
Duv	-0.0001

CCT 3500K



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

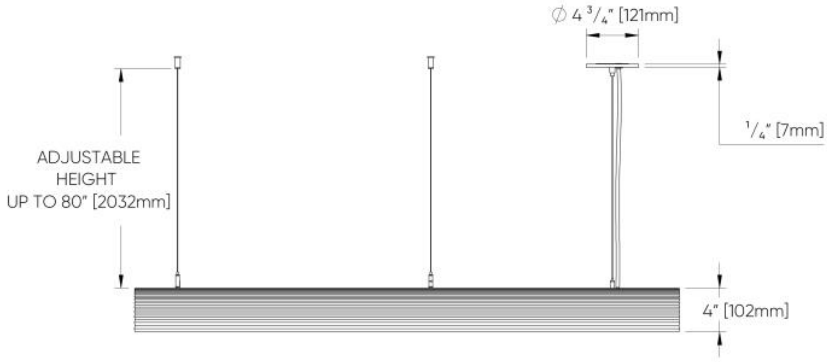
CCT 4000K

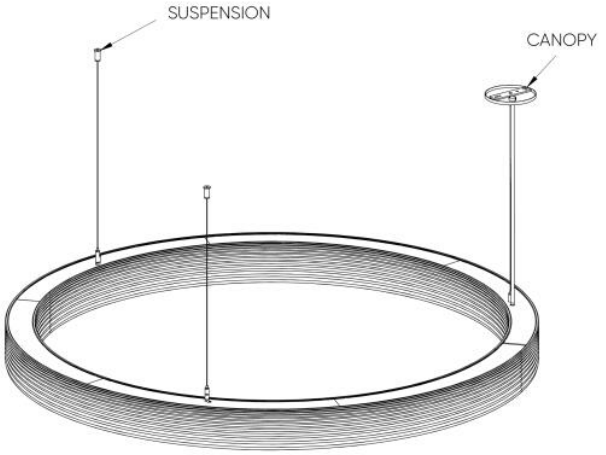


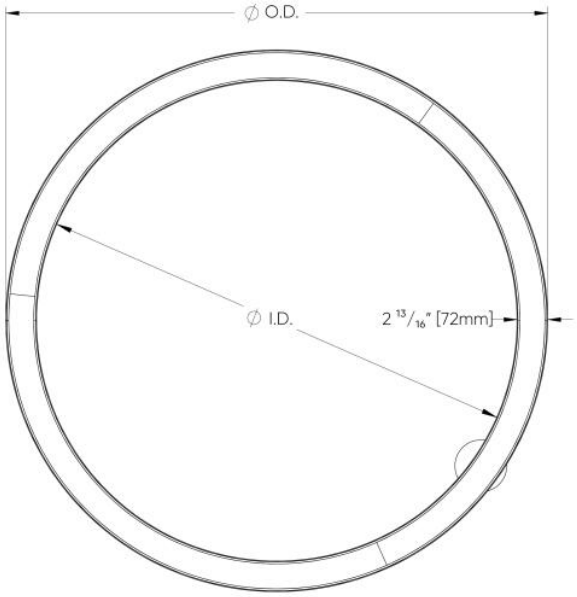
CRI(Ra)	92
CRI(R9)	50
TM30(Rf)	89
TM30(Rg)	97
Duv	0.0011

© 2026 Beta-Calco Inc. Specifications are subject to change without notice

9 DIMENSIONAL DIAGRAMS



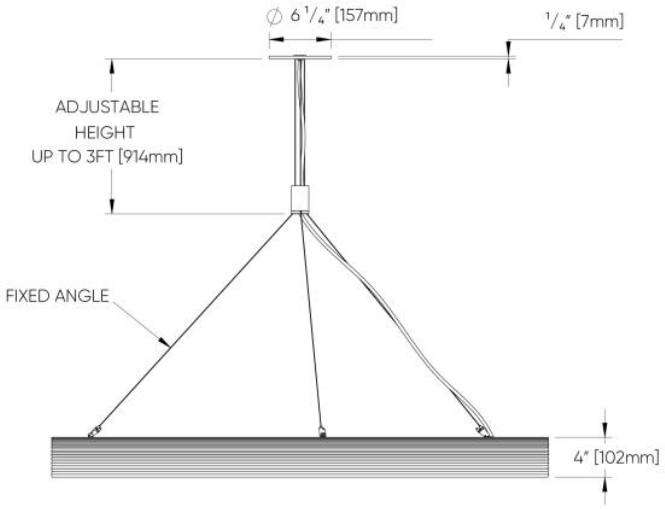


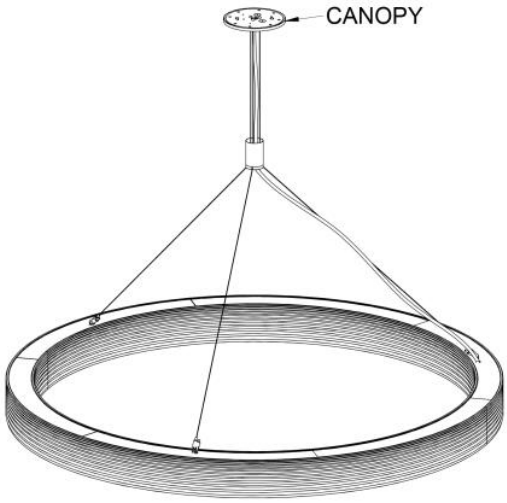


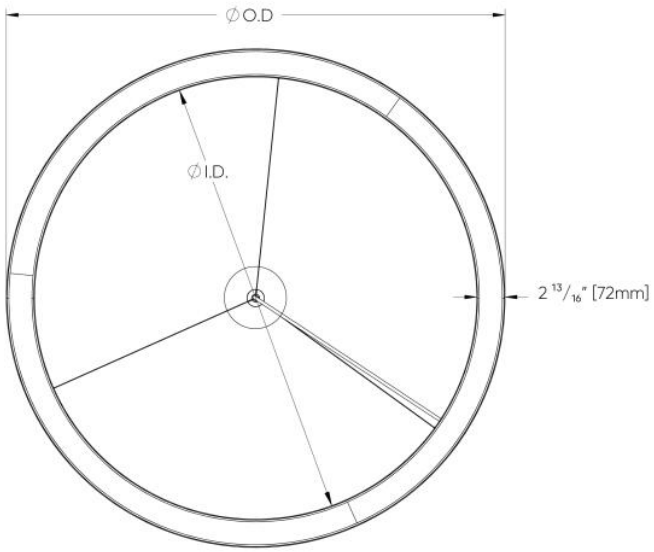
BELLOWS RING DIMENSIONS			
Nominal Size	∅ O.D. (Actual Outer Diameter)	∅ I.D. (Actual Inner Diameter)	Number of Suspensions
2FT	26 1/2" [673mm]	20 3/4" [528mm]	3
3FT	37 7/8" [962mm]	32 1/4" [819mm]	3
4FT	49 13/16" [1265mm]	44 3/16" [1122mm]	3
5FT	61 7/8" [1572mm]	56 3/16" [1427mm]	3
6FT	73 7/8" [1877mm]	68 3/16" [1732mm]	3
7FT	85 3/4" [2179mm]	80 1/16" [2033mm]	6

© 2026 Beta-Calco Inc. Specifications are subject to change without notice

SS2-HUB (REMOTE DRIVERS)



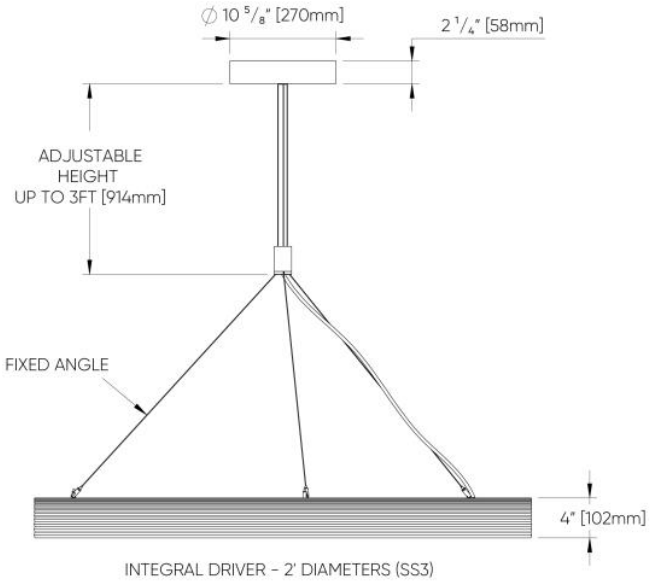




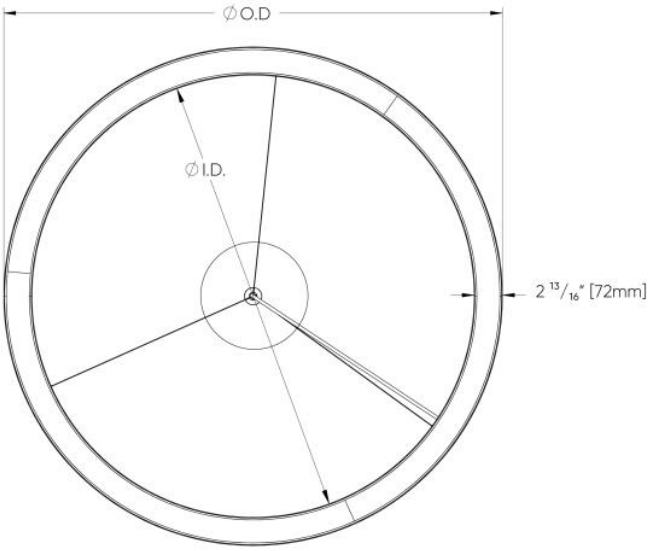
BELLOWS RING DIMENSIONS			
Nominal Size	∅ O.D. (Actual Outer Diameter)	∅ I.D. (Actual Inner Diameter)	Number of Suspensions
2FT	26 1/2" [673mm]	20 3/4" [528mm]	3
3FT	37 7/8" [962mm]	32 1/4" [819mm]	3
4FT	49 13/16" [1265mm]	44 3/16" [1122mm]	3
5FT	61 7/8" [1572mm]	56 3/16" [1427mm]	3
6FT	73 7/8" [1877mm]	68 3/16" [1732mm]	3
7FT	85 3/4" [2179mm]	80 1/16" [2033mm]	6

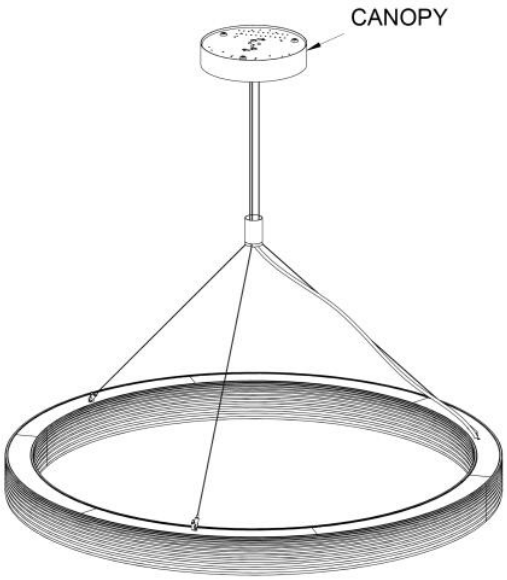
© 2026 Beta-Calco Inc. Specifications are subject to change without notice

SS3-HUB (INTEGRAL DRIVERS)



INTEGRAL DRIVER - 2' DIAMETERS (SS3)

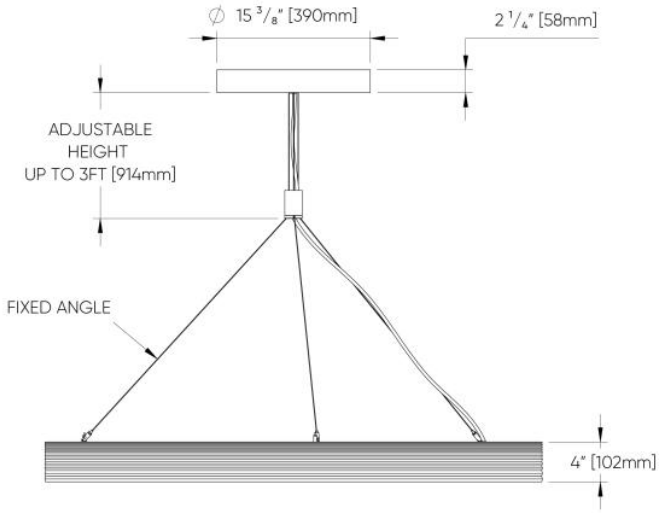




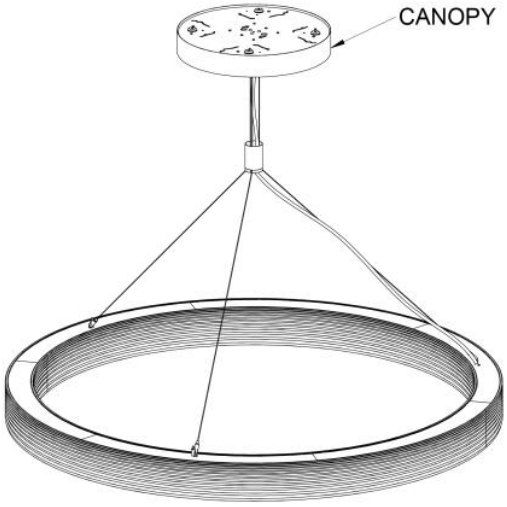
BELLOWS RING DIMENSIONS			
Nominal Size	∅ O.D. (Actual Outer Diameter)	∅ I.D. (Actual Inner Diameter)	Number of Suspensions
2FT	26 1/2" [673mm]	20 3/4" [528mm]	3
3FT	37 7/8" [962mm]	32 1/4" [819mm]	3
4FT	49 13/16" [1265mm]	44 3/16" [1122mm]	3
5FT	61 7/8" [1572mm]	56 3/16" [1427mm]	3
6FT	73 7/8" [1877mm]	68 3/16" [1732mm]	3
7FT	85 3/4" [2179mm]	80 1/16" [2033mm]	6

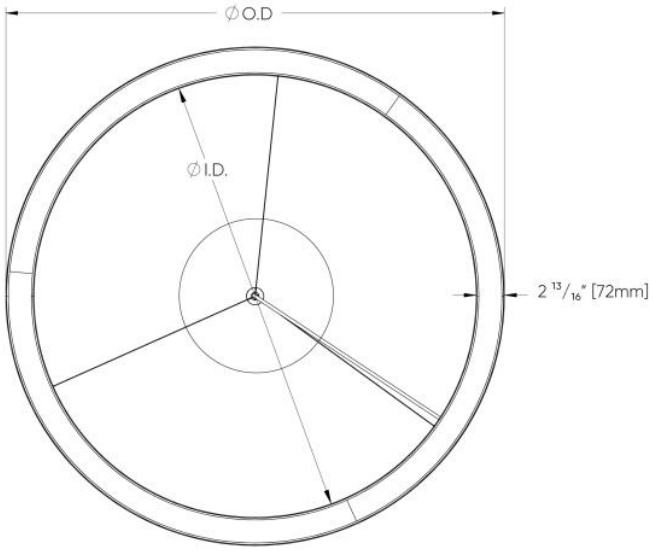
© 2026 Beta-Calco Inc. Specifications are subject to change without notice

SS3-HUB (INTEGRAL DRIVERS)



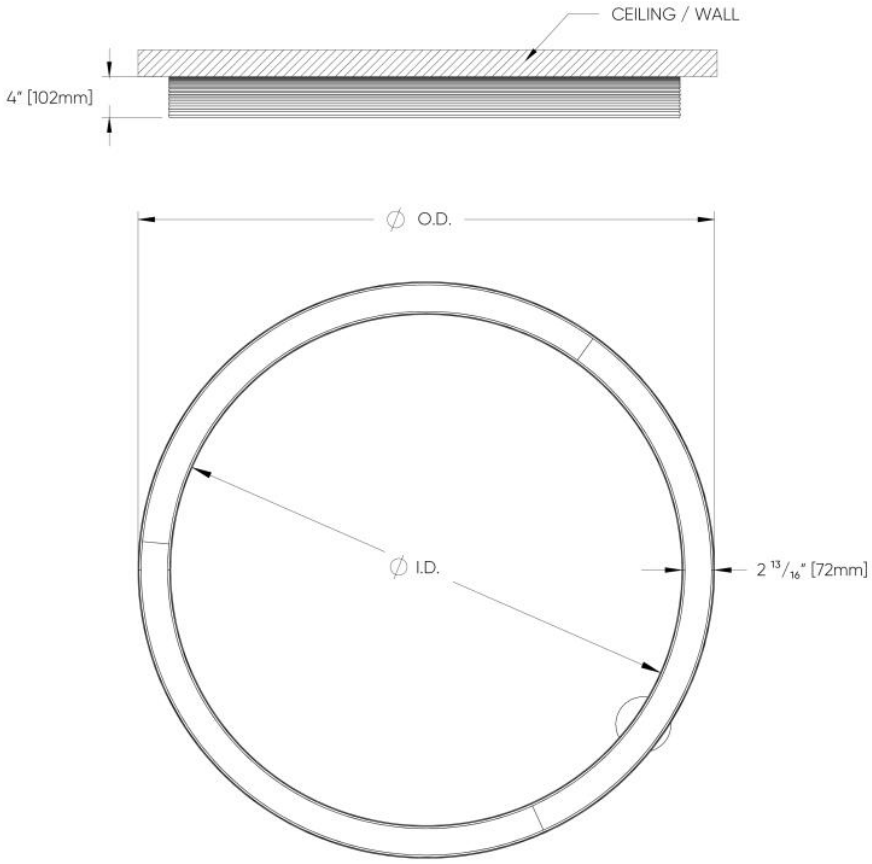
INTEGRAL DRIVER - 3' TO 7' DIAMETERS (SS3)





BELLOWS RING DIMENSIONS			
Nominal Size	∅ O.D. (Actual Outer Diameter)	∅ I.D. (Actual Inner Diameter)	Number of Suspensions
2FT	26 1/2" [673mm]	20 3/4" [528mm]	3
3FT	37 7/8" [962mm]	32 1/4" [819mm]	3
4FT	49 13/16" [1265mm]	44 3/16" [1122mm]	3
5FT	61 7/8" [1572mm]	56 3/16" [1427mm]	3
6FT	73 7/8" [1877mm]	68 3/16" [1732mm]	3
7FT	85 3/4" [2179mm]	80 1/16" [2033mm]	6

© 2026 Beta-Calco Inc. Specifications are subject to change without notice



BELLOWS RING DIMENSIONS		
Nominal Size	∅ O.D. (Actual Outer Diameter)	∅ I.D. (Actual Inner Diameter)
2FT	26 1/2" [673mm]	20 3/4" [528mm]
3FT	37 7/8" [962mm]	32 1/4" [819mm]
4FT	49 13/16" [1265mm]	44 3/16" [1122mm]
5FT	61 7/8" [1572mm]	56 3/16" [1427mm]
6FT	73 7/8" [1877mm]	68 3/16" [1732mm]
7FT	85 3/4" [2179mm]	80 1/16" [2033mm]

© 2026 Beta-Calco Inc. Specifications are subject to change without notice