RODEO SOLO™

FULL SPECIFICATION SHEET



FIXTURE TYPE	FIXTURE CODE	QUANTITIES

1 DESCRIPTION

RODEO SOLO is characterized by a slender profile combined with a regressed optic and an anodized trim. This sophisticated mix provides glare-free illumination that allows the profile to recede into the space and add a mild decorative accent. The lustrous anodized trim embellishes the minimalist form factor and creates an enticing effect, especially when used in a creative arrangement. Though compelling aesthetically, **RODEO SOLO** maintains itself as a performance luminaire. The Comfort lens in the direct light offers soft and evenly distributed illumination. The uplight uses our powerful 120 ° Batwing optic that contributes to the ambient light with the least amount of glare, in whole making **RODEO SOLO** effective as a primary source of light.

2 OPTICS & FEATURES


Suspended Direct


Suspended Direct/Indirect


Direct DD4


Indirect UD1


Indirect UD3



Declare



PoE

3 APPROVALS

Intertek DAMP LOCATION F IP20

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4 GENERAL SPECIFICATION

BODY
Aluminum.

FINISH
Powder coated.

SUSPENSION
Steel cables.

POWER CABLE
Silver braided.

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

LENS
Opal acrylic.

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

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

REMOTE EMERGENCY SYSTEM(E2)
Emergency option provides a 1.5 hour (3 hours for EU) emergency lighting facility. The remote system includes the inverter module, NiCad batteries and a remote wall/ceiling LED charge indicator and test switch. Maximum distance between wall/ceiling plate and luminaire is 15' (4.5m). Test switch fits a single gang box (not supplied). Refer to the Emergency option notes below for wattage, configuration and regional details.

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)
> 55,000 hrs @ 2000 lumens/ft (6000 lumens/m)

ESTIMATED L70 @25°C (77°F)
> 165,000 hrs @ 2000 lumens/ft (6000 lumens/m)

DELIVERED LUMENS
Delivered lumens & LPW based on 4000K CRI 90+

APPROVALS
Damp Rated.

DESIGNED BY
Serge Cornelissen

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

White - Textured


Black Metallic - Textured

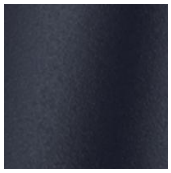

Silver Metallic - Textured


Gold Metallic - Textured

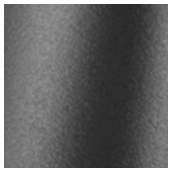

Wood grain - Light Cherry [1]


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.

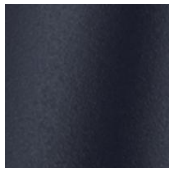
CANOPY FINISH

White - Textured

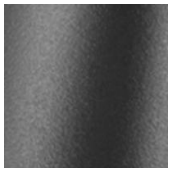

Black Metallic - Textured


Silver Metallic - Textured


Gold Metallic - Textured


Midnight Blue Metallic - Textured


Copper Metallic


Charcoal Metallic - Textured


Bronze Metallic - Textured

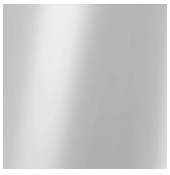

Champagne Metallic


Red Metallic - Textured

FIXTURE TRIM FINISH

White


Black Anodized


Silver Anodized


Gold Anodized

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6 HOW TO ORDER

LUMINAIRE

RDSP1P Direct
RDSP2P Direct/Indirect

One power cord for every 50 linear feet.

LENGTH OF RUN

Minimum length to order is 4' and orders to be in 2' increments.
Example: 4' = SFA0400, 10' = SFA1000, 50' = SFA5000
For runs over 50' in length, consult factory.

SFA_ _ _ _

MAX LENGTH PER SECTION

SL04 4ft
SL06 6ft
SL08 8ft
SL10 10ft
SL12 12ft

You can select the preferred maximum length per segment, to account for transportation and building constraints. Example: If a 40ft run is required and SL12 (12ft) is selected, we would provide 4 10ft segments. For special requirements, please contact sales@betacalco.com.

LM/FT (DIRECT)

LPF030 300 lm/ft
LPF050 500 lm/ft
LPF070 700 lm/ft
LPF090 900 lm/ft

Consult website for available lumens/ft.

LM/FT (INDIRECT)

LPG000 Not required
LPG030 300 lm/ft
LPG050 500 lm/ft
LPG070 700 lm/ft
LPG090 900 lm/ft
LPG110 1100 lm/ft
LPG135 1350 lm/ft

Consult website for available lumens/ft.

CRI

CR90 CRI 90+

CCT

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

DIRECT LENS

DD4 Comfort

INDIRECT LENS

UD0 Not required
UD1 Batwing
UD2 Opal [1]
UD3 Asymmetric [2]
UD4 Extra Wide Batwing [1]

[1] Available up to 1100 lm/ft. [2] Available up to 900 lm/ft.

VOLTAGE

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

[1] Not available in North America or with CS2 (Dual Circuit). [2] Only available with DA01 dimming. [3] Only available with DA45 dimming.

FIXTURE DIMMING

DA01 0-10V Dimming 1.0%
DA02 0-10V Dimming 0.1% [1]
DA20 DALI Dimming 0.1% [1]
DA21 DALI Dimming 1.0% [1]
DA30 DSI/switchDim [2]
DA45 PoE [3]

[1] Not available with V3. [2] Not available in North America. [3] Only available with V4.

CEILING TYPE

H1 Hard ceiling [2]
G1 Grid ceiling [1]

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

SUSPENSION

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

FIXTURE FINISH

FA01 White - Textured
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 - Textured
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

FIXTURE TRIM FINISH

FC01 White
FC24 Black Anodized
FC58 Silver Anodized
FC59 Gold Anodized

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EMERGENCY

E0 Not required

E2 Emergency system - Remote [1] [2] [3]

E3 Emergency generated circuit [2] [3]

[1] An extra power cord will be supplied to each section of the fixture when ordering emergency.
[2] Specify quantity of emergency sections or emergency generator circuits required based off total length of run. Not available with 347V.

[3] For North America, the minimum emergency system wattage is 7.5W. 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. Consult factory for details.

Note: A drawing will be required at the time of ordering to determine the required location of the emergency sections or generator circuits.

CIRCUITS

CS1 Single circuit

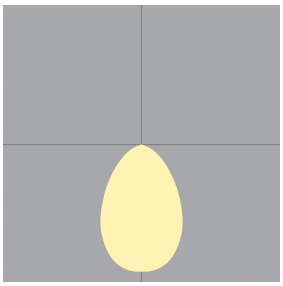
CS2 Dual circuit [1]

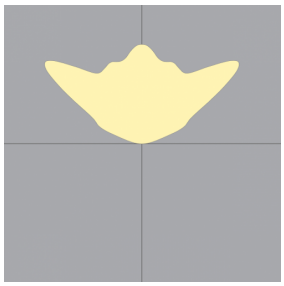
[1] May be used under the following circumstances:
1) if ordering Emergency system
2) if required when ordering direct vs indirect

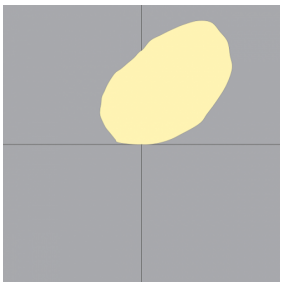
SENSORS

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

7 PERFORMANCE DATA

DIRECT COMFORT (DD4)	LUMEN/FT	WATT/FT	LPW
	900	12	78
	700	9	81
	500	6	84
	300	3	91

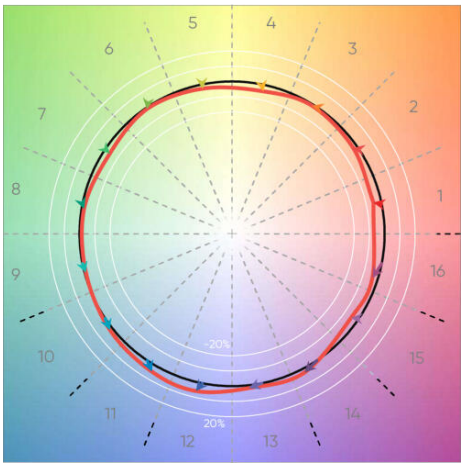
INDIRECT BATWING (UD1)	LUMEN/FT	WATT/FT	LPW
	1350	11	122
	1100	9	124
	900	7	130
	700	5	133
	500	4	139
	300	2	151

INDIRECT ASYMMETRIC (UD3)	LUMEN/FT	WATT/FT	LPW
	900	11	81
	700	9	82
	500	6	86
	300	3	91

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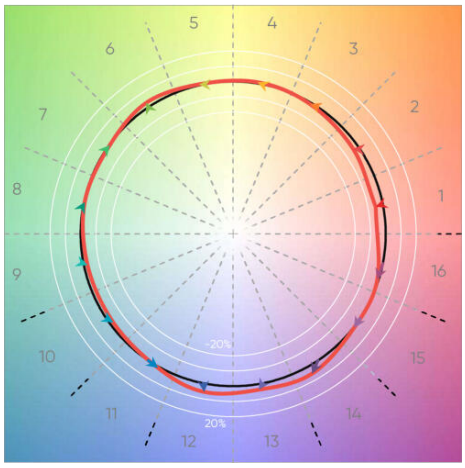
8 TM-30 DATA

CCT 2700K



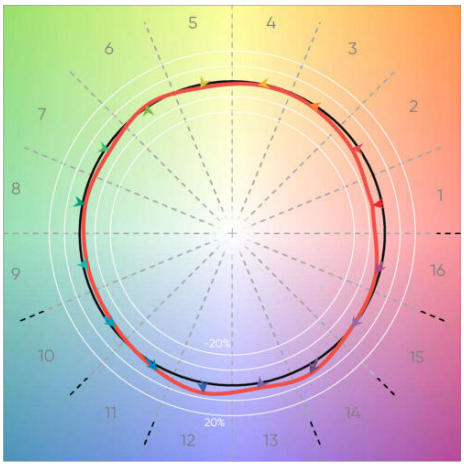
CRI(Ra)	93
CRI(R9)	61
TM30(Rf)	91
TM30(Rg)	98
Duv	-0.0022

CCT 3000K



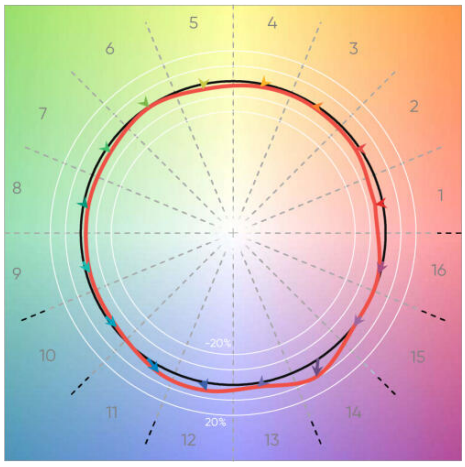
CRI(Ra)	92
CRI(R9)	58
TM30(Rf)	92
TM30(Rg)	100
Duv	-0.0003

CCT 3500K



CRI(Ra)	91
CRI(R9)	53
TM30(Rf)	90
TM30(Rg)	99
Duv	-0.0007

CCT 4000K

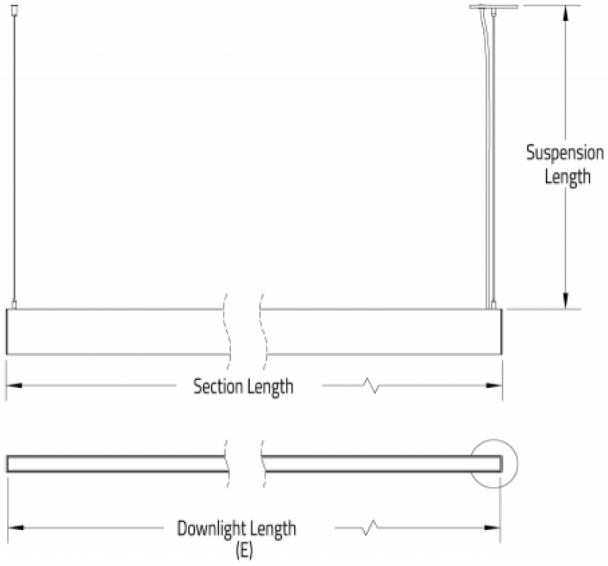


CRI(Ra)	93
CRI(R9)	64
TM30(Rf)	90
TM30(Rg)	98
Duv	0.0000

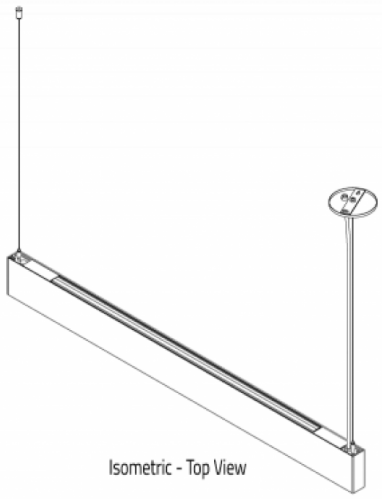
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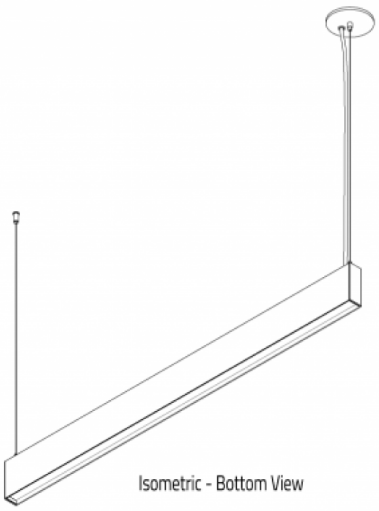
9 DIMENSIONAL DIAGRAMS

Fixture Profile









Downlight Length (Constant):

Fixture Size:	(E)
4' [SL04]	48" (1219mm)
6' [SL06]	72" (1829mm)
8' [SL08]	96" (2438mm)
10' [SL10]	120" (3048mm)
12' [SL12]	144" (3658mm)

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Sections

Standalone:

Standalone (SLS1) - End cap on both sides:



Section Length:

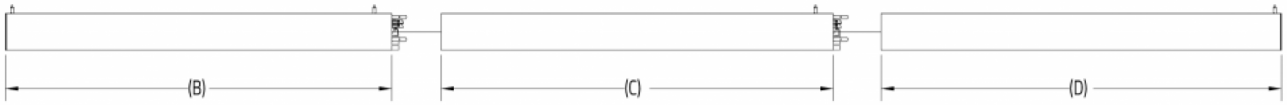
Fixture Size:	Standalone [SLS1] (A)	Start [SLS2] (B)	Middle [SLS3] (C)	End [SLS4] (D)
4' [SL04]	48.2" (1224mm)	47.2" (1199mm)	47.9" (1217mm)	48.9" (1242mm)
6' [SL06]	72.0" (1778mm)	71.0" (1803mm)	71.7" (1821mm)	72.7" (1847mm)
8' [SL08]	95.9" (2436mm)	94.8" (2408mm)	95.5" (2426mm)	96.5" (2451mm)
10' [SL10]	119.7" (3040mm)	118.7" (3015mm)	119.4" (3033mm)	120.4" (3058mm)
12' [SL12]	143.6" (3647mm)	142.5" (3620mm)	143.2" (3637mm)	144.2" (3663mm)

Continuous Run:

Start (SLS2) - End cap on left side:

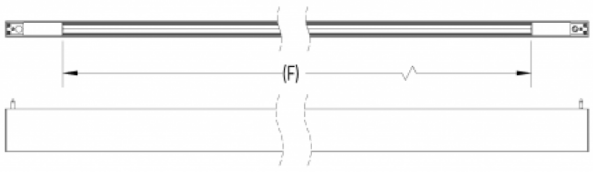
Middle (SLS3) - No end caps

End (SLS4) - End cap on right side

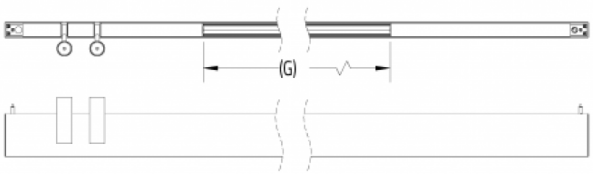


Indirect Sections

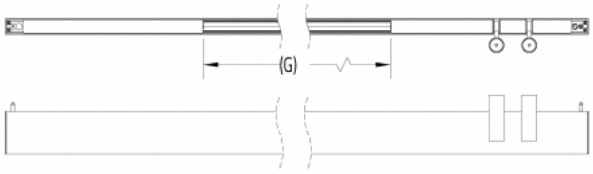
HS0-HE0:



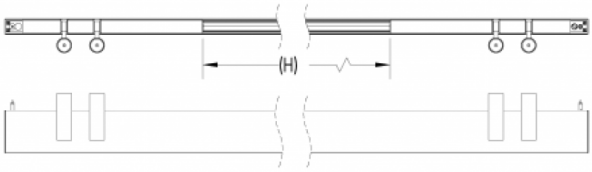
HS2-HE0:



HS0-HE2:



HS2-HE2:



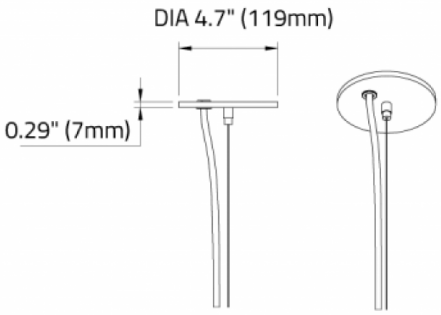
Indirect Light Length:

Fixture Size:	(F)
4' [SL04]	36.7" (932mm)
6' [SL06]	60.3" (1532mm)
8' [SL08]	84.2" (2139mm)
10' [SL10]	108.2" (2748mm)
12' [SL12]	120.2" (3053mm)

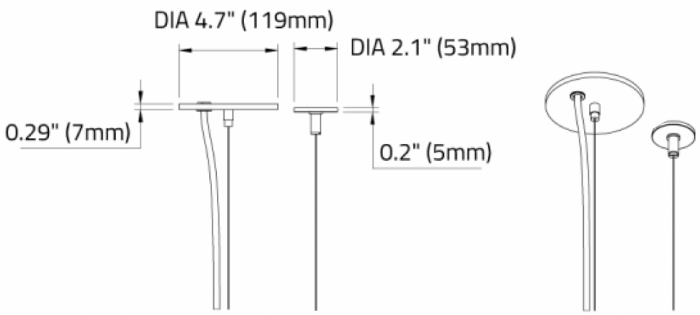
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Canopy

Hard Ceiling [H1]:



Grid Ceiling [G1]:



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