

BUNGA SUSPENSION

A30695-

base number LED Dimming Color Temperature Finishes (Diamond) Finishes (Triangle) Cable Options

- To build a product code in our configurator select the specify button on the base model # product page
- To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #

GENERAL

Series: Bunga
 Brand: Prolicht
 Division: Architectural
 Mounting Type: Suspension
 Mounting Location: Ceiling
 Subcategory: Profile

PHYSICAL

Shape: Cylinder
 Length (mm): 900
 Length (in): 35 7/16
 Width (mm): 115
 Width (in): 4 1/2
 Height (mm): 115
 Height (in): 4 1/2
 Max. Overall Height (mm): 2115
 Max. Overall Height (in): 83 1/4
 Light Distribution: Omnidirectional
 Weight (kg): 3.308
 Weight (lbs): 7.28
 Diffuser: PMMA - Opal
 Fixture Finish: [SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / GUM / CHC / COM / ABZ / JAG / OBR / MOS / ROR](#)
 Fixture Material: Aluminum
 Cable Details: [2000mm or 6000mm Transparent Cable](#)
 Upon Request: Cable colour - White / Black / Orange / Red

ELECTRICAL

Lamp Type: LED (Zhaga Standard)
 Input Wattage (W): 15
 Total Output Wattage (W): 12 / 11.1 (3500K)
 Dimming: [Non-Dimming / Phase Dimming \(120Vac only\) / 0-10V Dimming](#)
 Driver Included: Yes
 Driver Location: Integrated
 Driver Type: Constant Current - 120 / 277Vac
 Driver Class: Class 2
 Input Voltage (V): 120 - 277
 Constant Current (MA): 350 / 375 (3500K)

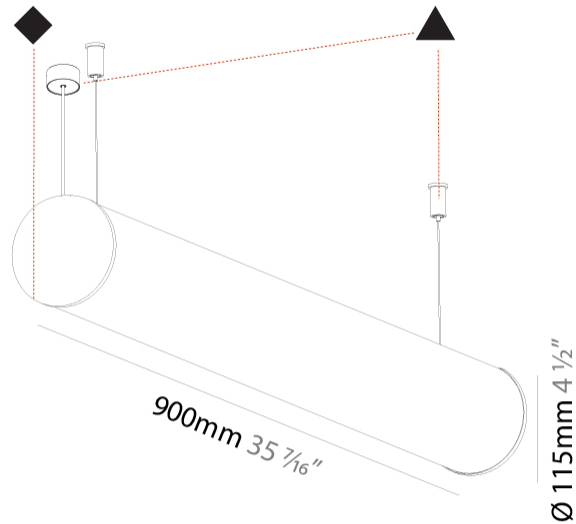
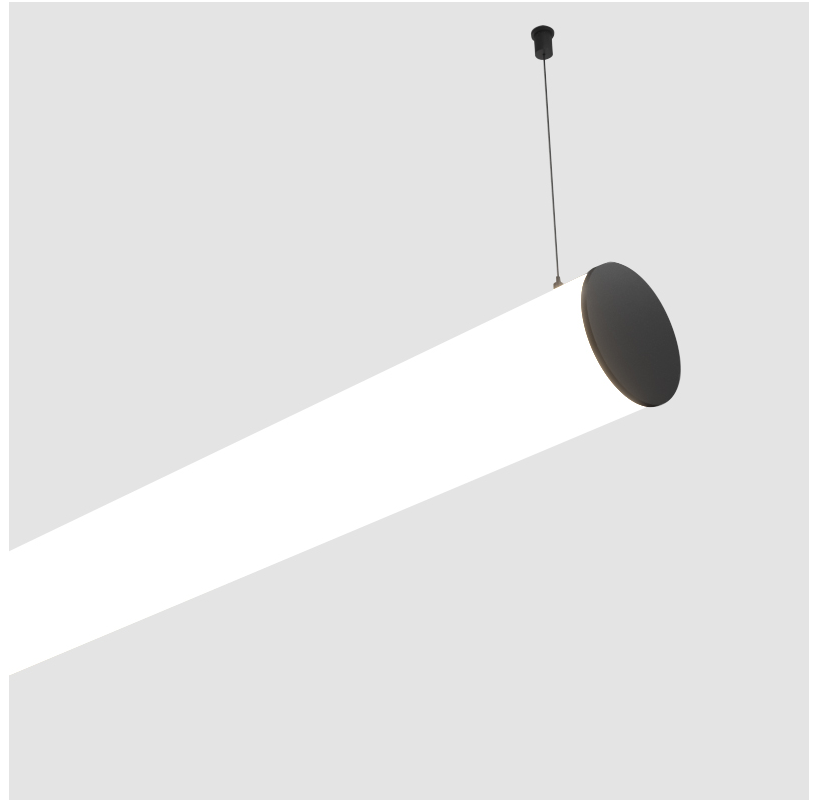
LED

Color Temperature (°K): [3000 / 3500 / 4000](#)
 Max. Delivered Lumen (lm): 1660 / 1715 / 1750
 CRI: >80 CRI
 Lamp Life (hrs): 50000

OPTICAL

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards
 IP rating: IP20



BUNGA SUSPENSION

A30695-

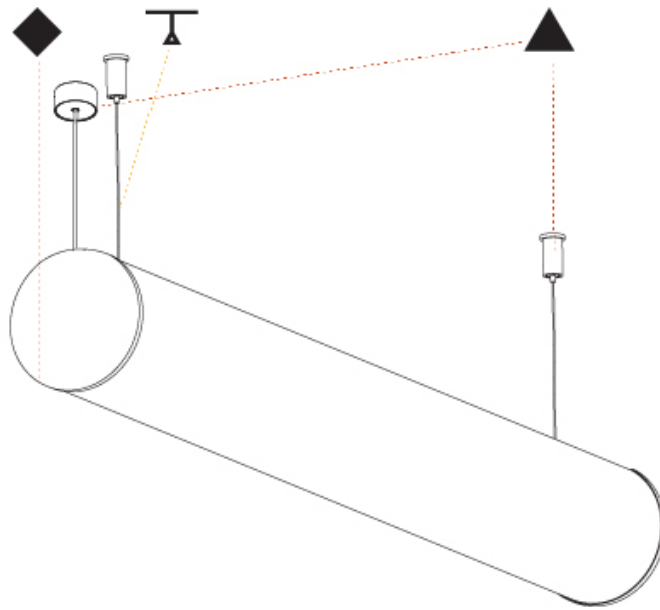
PROJECT

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PROJECT
TYPE
SPECIFIER
QUANTITY
DATE

BUNGA SUSPENSION

A30696-

base number	LED Dimming	Color Temperature	Finishes (Diamond)	Finishes (Triangle)	Cable Options
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- To build a product code in our configurator select the specify button on the base model # product page
- To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #

GENERAL

Series: Bunga
Brand: Prolicht
Division: Architectural
Mounting Type: Suspension
Mounting Location: Ceiling
Subcategory: Profile

PHYSICAL

Shape: Cylinder
Length (mm): 1180
Length (in): 46 7/16
Width (mm): 115
Width (in): 4 1/2
Height (mm): 115
Height (in): 4 1/2
Max. Overall Height (mm): 2115
Max. Overall Height (in): 83 1/4
Light Distribution: Omnidirectional
Weight (kg): 4.038
Weight (lbs): 8.88
Diffuser: PMMA - Opal
Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / GUM / CHC / COM / ABZ / JAG / OBR / MOS / ROR
Fixture Material: Aluminum
Cable Details: 2000mm or 6000mm Transparent Cable
Upon Request: Cable colour - White / Black / Orange / Red

ELECTRICAL

Lamp Type: LED (Zhaga Standard)
Input Wattage (W): 20
Total Output Wattage (W): 16 / 12.8 (3500K)
Dimming: Non-Dimming / Phase Dimming (120Vac only) / 0-10V Dimming
Driver Included: Yes
Driver Location: Integrated
Driver Type: Constant Current - 120 / 277Vac
Driver Class: Class 2
Input Voltage (V): 120 - 277
Constant Current (MA): 350 / 400 (3500K)

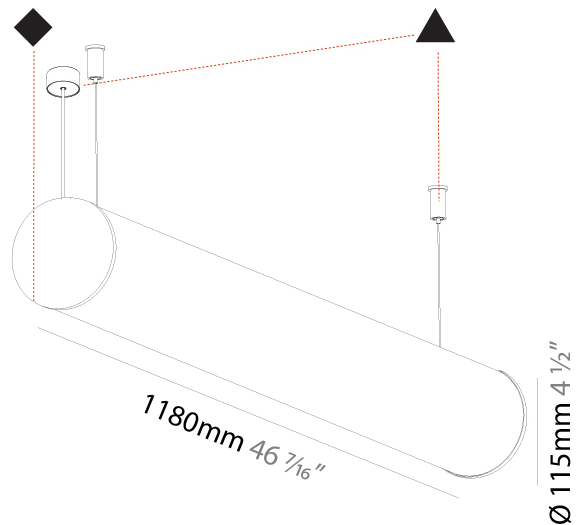
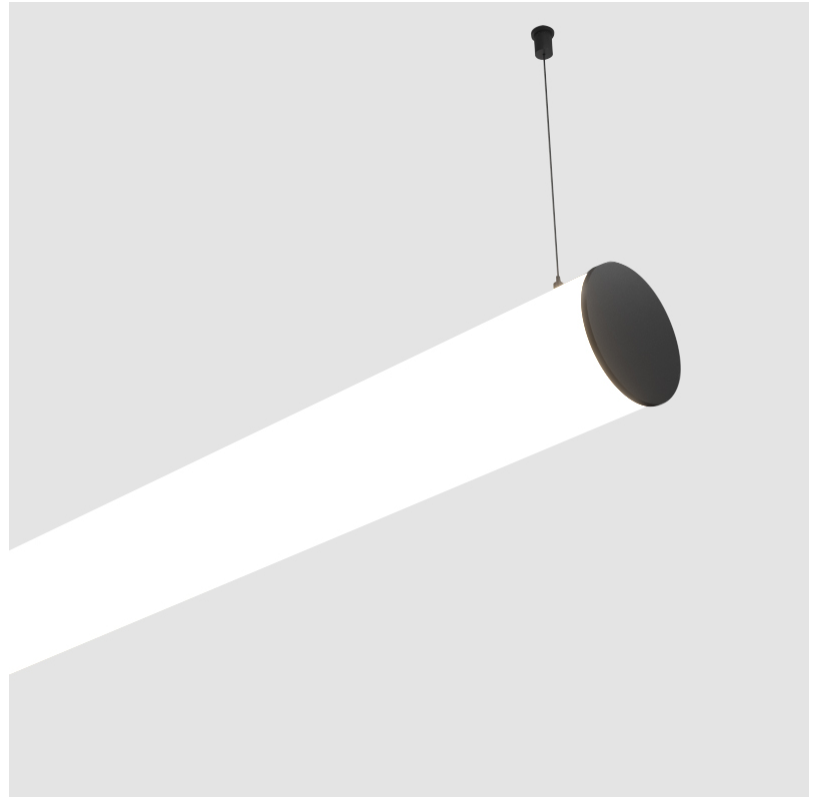
LED

Color Temperature (*K): 3000 / 3500 / 4000
Max. Delivered Lumen (lm): 2210 / 2293 / 2340
CRI: >80 CRI
Lamp Life (hrs): 50000

OPTICAL

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards
IP rating: IP20



BUNGA SUSPENSION

A30696-

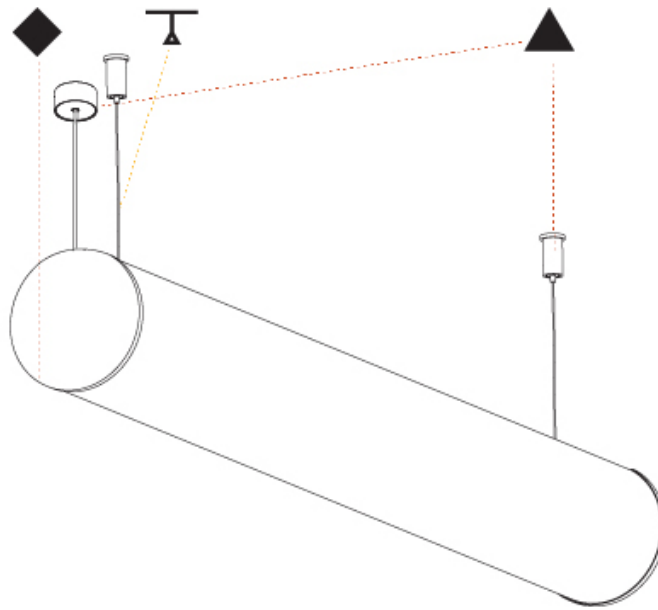
PROJECT

TYPE

SPECIFIER

QUANTITY

DATE



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BUNGA SUSPENSION

A30697-

base number LED Dimming Color Temperature Finishes (Diamond) Finishes (Triangle) Cable Options

- To build a product code in our configurator select the specify button on the base model # product page
- To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #

GENERAL

Series: Bunga
 Brand: Prolicht
 Division: Architectural
 Mounting Type: Suspension
 Mounting Location: Ceiling
 Subcategory: Profile

PHYSICAL

Shape: Cylinder
 Length (mm): 1460
 Length (in): 57 1/2
 Width (mm): 115
 Width (in): 4 1/2
 Height (mm): 115
 Height (in): 4 1/2
 Max. Overall Height (mm): 2115
 Max. Overall Height (in): 83 1/4
 Light Distribution: Omnidirectional
 Weight (kg): 4.767
 Weight (lbs): 10.509
 Diffuser: PMMA - Opal
 Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / GUM / CHC / COM / ABZ / JAG / OBR / MOS / ROR
 Fixture Material: Aluminum
 Cable Details: 2000mm or 6000mm Transparent Cable
 Upon Request: Cable colour - White / Black / Orange / Red

ELECTRICAL

Lamp Type: LED (Zhaga Standard)
 Input Wattage (W): 25
 Total Output Wattage (W): 20 / 16 (3500K)
 Dimming: Non-Dimming / Phase Dimming (120Vac only) / 0-10V Dimming
 Driver Included: Yes
 Driver Location: Integrated
 Driver Type: Constant Current - 120 / 277Vac
 Driver Class: Class 2
 Input Voltage (V): 120 - 277
 Constant Current (MA): 350 / 500 (3500K)

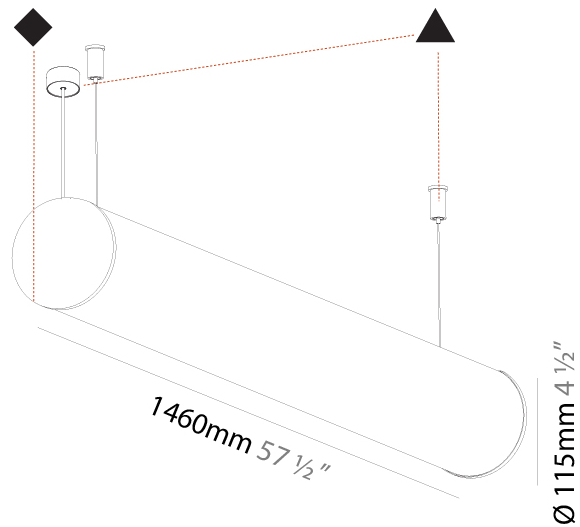
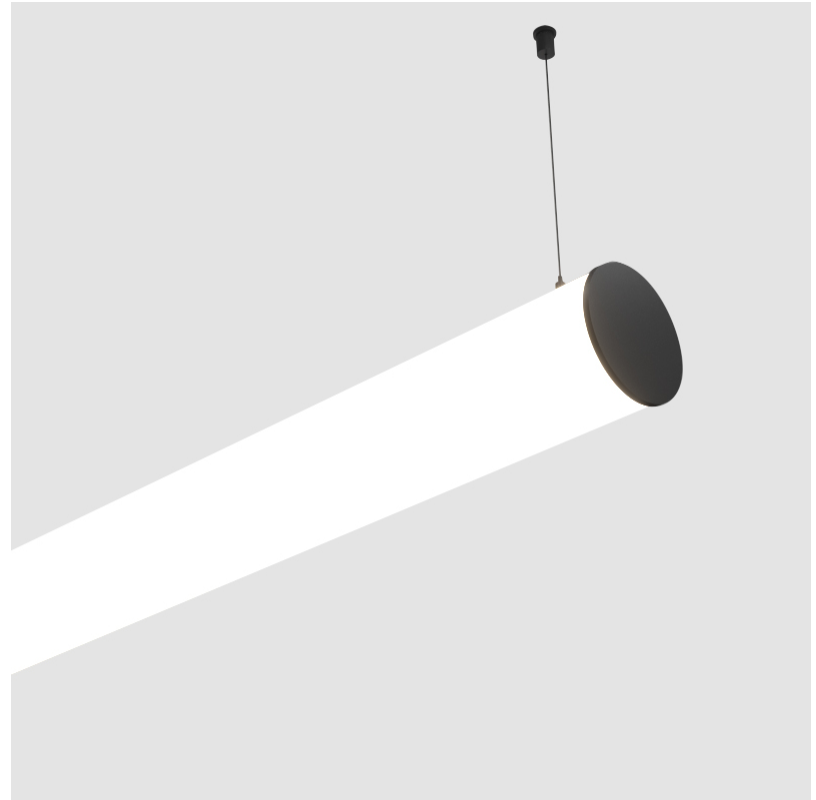
LED

Color Temperature (*K): 3000 / 3500 / 4000
 Max. Delivered Lumen (lm): 2770 / 2862 / 2920
 CRI: >80 CRI
 Lamp Life (hrs): 50000

OPTICAL

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards
 IP rating: IP20



BUNGA SUSPENSION

A30697-

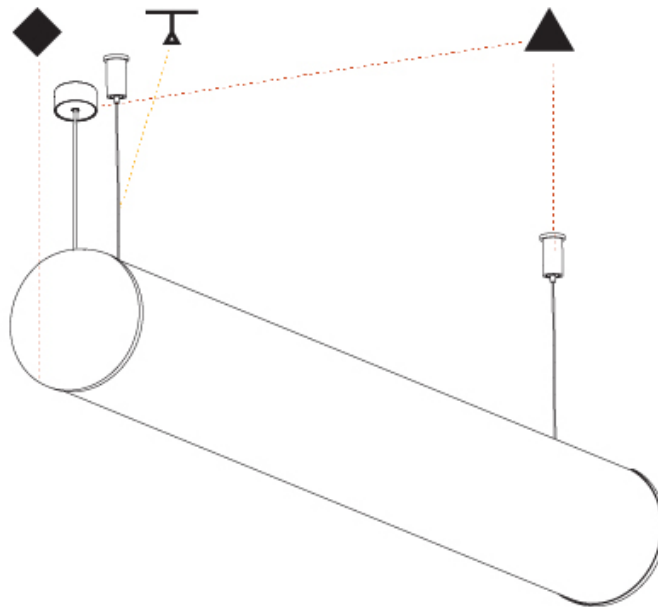
PROJECT

TYPE

SPECIFIER

QUANTITY

DATE



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BUNGA SUSPENSION

A30698-

base number	LED Dimming	Color Temperature	Finishes (Diamond)	Finishes (Triangle)	Cable Options
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- To build a product code in our configurator select the specify button on the base model # product page
- To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #

GENERAL

Series: Bunga
 Brand: Prolicht
 Division: Architectural
 Mounting Type: Suspension
 Mounting Location: Ceiling
 Subcategory: Profile

PHYSICAL

Shape: Cylinder
 Length (mm): 1740
 Length (in): 68 ½
 Width (mm): 115
 Width (in): 4 ½
 Height (mm): 115
 Height (in): 4 ½
 Light Distribution: Omnidirectional
 Weight (kg): 5.492
 Weight (lbs): 12.107
 Diffuser: PMMA - Opal
 Fixture Finish: [SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / GUM / CHC / COM / ABZ / JAG / OBR / MOS / ROR](#)
 Fixture Material: Aluminum
 Cable Details: 2000mm or 6000mm Transparent Cable

ELECTRICAL

Lamp Type: LED (Zhaga Standard)
 Input Wattage (W): 30
 Total Output Wattage (W): 24 / 19.2 (3500K)
 Dimming: [Non-Dimming / Phase Dimming \(120Vac only\) / 0-10V Dimming](#)
 Driver Included: Yes
 Driver Location: Integrated
 Driver Type: Constant Current - 120 / 277Vac
 Driver Class: Class 2
 Input Voltage (V): 120 - 277
 Constant Current (MA): 350 / 600 (3500K)

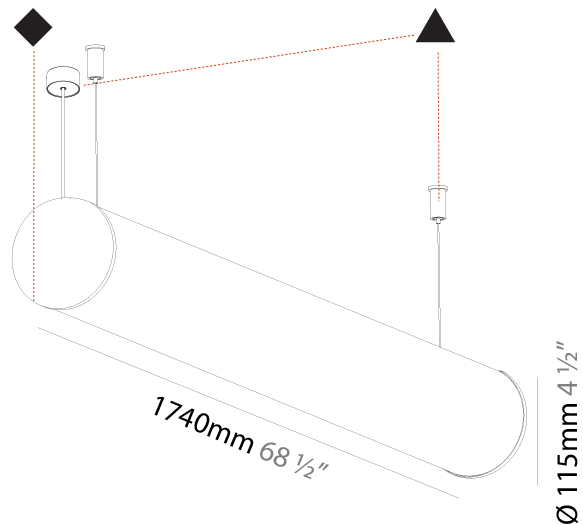
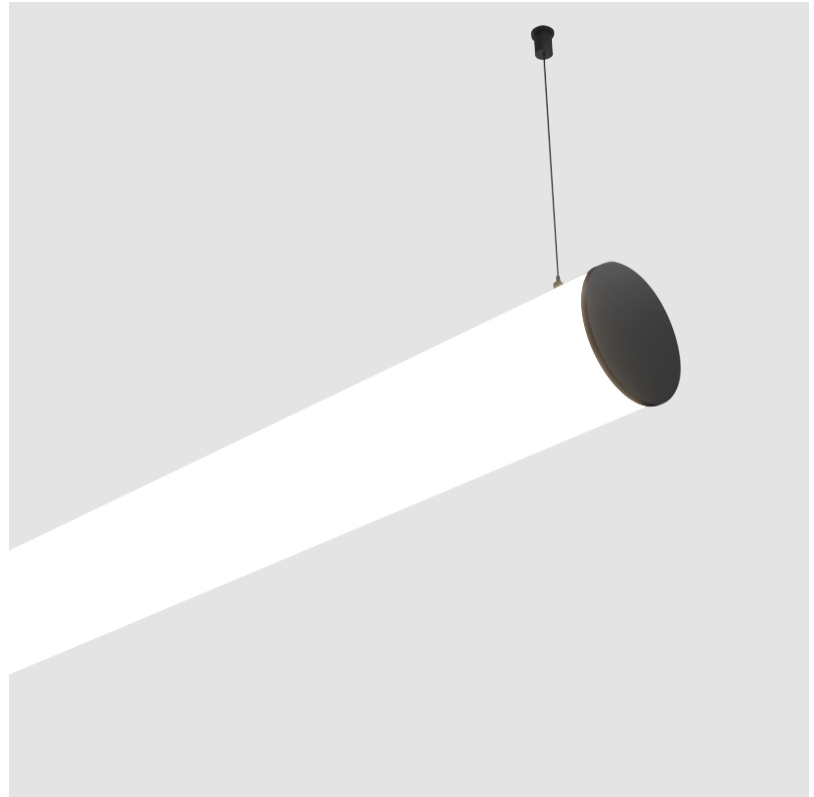
LED

Color Temperature (°K): [3000 / 3500 / 4000](#)
 Max. Delivered Lumen (lm): 3320 / 3440 / 3510
 CRI: >80 CRI
 Lamp Life (hrs): 50000

OPTICAL

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards
 IP rating: IP20



BUNGA SUSPENSION

A30698-

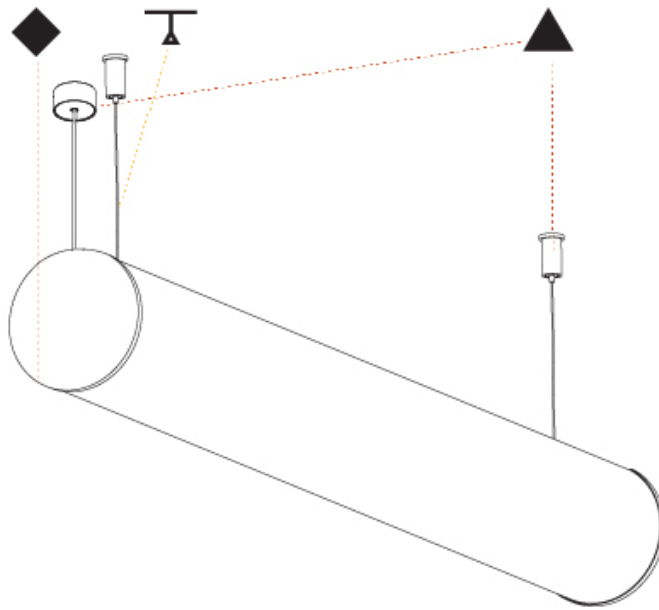
PROJECT

TYPE

SPECIFIER

QUANTITY

DATE



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BUNGA SUSPENSION

A30699-

base number LED Dimming Color Temperature Finishes (Diamond) Finishes (Triangle) Cable Options

- To build a product code in our configurator select the specify button on the base model # product page
- To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #

GENERAL

Series: Bunga
 Brand: Prolicht
 Division: Architectural
 Mounting Type: Suspension
 Mounting Location: Ceiling
 Subcategory: Profile

PHYSICAL

Shape: Cylinder
 Length (mm): 2020
 Length (in): 79 1/2
 Width (mm): 115
 Width (in): 4 1/2
 Height (mm): 115
 Height (in): 4 1/2
 Light Distribution: Omnidirectional
 Weight (kg): 6.22
 Weight (lbs): 13.71
 Diffuser: PMMA - Opal
 Fixture Finish: [SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / GUM / CHC / COM / ABZ / JAG / OBR / MOS / ROR](#)
 Fixture Material: Aluminum
 Cable Details: [2000mm or 6000mm Transparent Cable](#)
 Upon Request: Cable colour - White / Black / Orange / Red

ELECTRICAL

Lamp Type: LED (Zhaga Standard)
 Input Wattage (W): 35
 Total Output Wattage (W): 28 / 22.8 (3500K)
 Dimming: [Non-Dimming / Phase Dimming \(120Vac only\) / 0-10V Dimming](#)
 Driver Included: Yes
 Driver Location: Integrated
 Driver Type: Constant Current - 120 / 277Vac
 Driver Class: Class 2
 Input Voltage (V): 120 - 277
 Constant Current (MA): 350 / 700 (3500K)

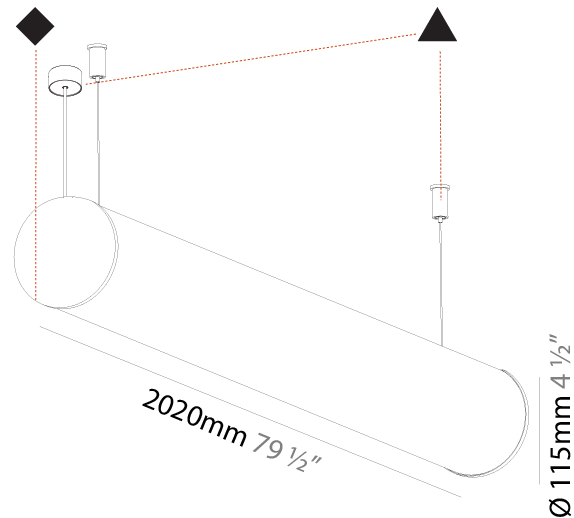
LED

Color Temperature (°K): [3000 / 3500 / 4000](#)
 Max. Delivered Lumen (lm): 3870 / 4008 / 4090
 CRI: >80 CRI
 Lamp Life (hrs): 50000

OPTICAL

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards
 IP rating: IP20



BUNGA SUSPENSION

A30699-

PROJECT

TYPE

SPECIFIER

QUANTITY

DATE



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BUNGA SURFACE

A3D118-

base number	LED Dimming	Color Temperature	Finishes (Diamond)
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- To build a product code in our configurator select the specify button on the base model # product page
- To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #

GENERAL

Series: Bunga
 Brand: Prolicht
 Division: Architectural
 Mounting Type: Surface
 Mounting Location: Ceiling
 Subcategory: Profile

PHYSICAL

Shape: Cylinder
 Diameter (mm): 115
 Diameter (in): 4 1/2
 Length (mm): 900
 Length (in): 35 7/16
 Height (mm): 108
 Height (in): 4 1/4
 Light Distribution: Omnidirectional
 Weight (kg): 2.954
 Weight (lbs): 6.512
 Diffuser: PMMA - Opal
 Fixture Finish: [SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / GUM / CHC / COM / ABZ / JAG / OBR / MOS / ROR](#)
 Fixture Material: Aluminum

ELECTRICAL

Lamp Type: LED (Zhaga Standard)
 Input Wattage (W): 15
 Total Output Wattage (W): 12 / 11.2 (3500K)
 Dimming: [Non-Dimming / Phase Dimming \(120Vac only\) / 0-10V Dimming](#)
 Driver Included: Yes
 Driver Location: Integrated
 Driver Type: Constant Current - 120 / 277Vac
 Driver Class: Class 2
 Input Voltage (V): 120 - 277
 Constant Current (MA): 350 / 325 (3500K)

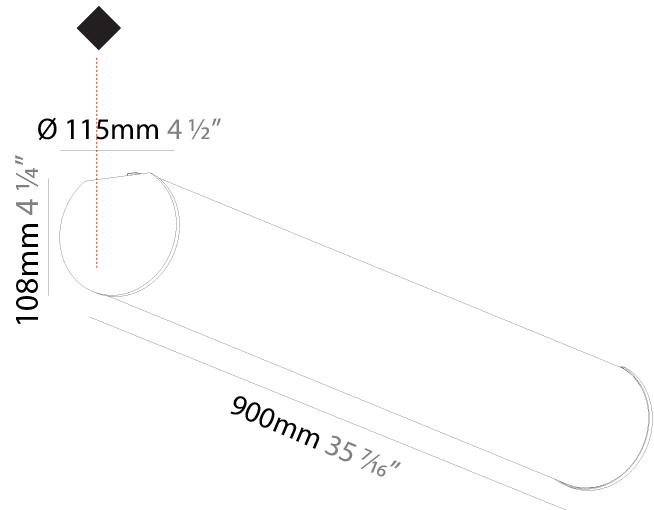
LED

[Color Temperature \(°K\): 3000 / 3500 / 4000](#)
 Max. Delivered Lumen (lm): 1660 / 1715 / 1750
 CRI: >80 CRI
 Lamp Life (hrs): 50000

OPTICAL

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards
 IP rating: IP20



A3D118-

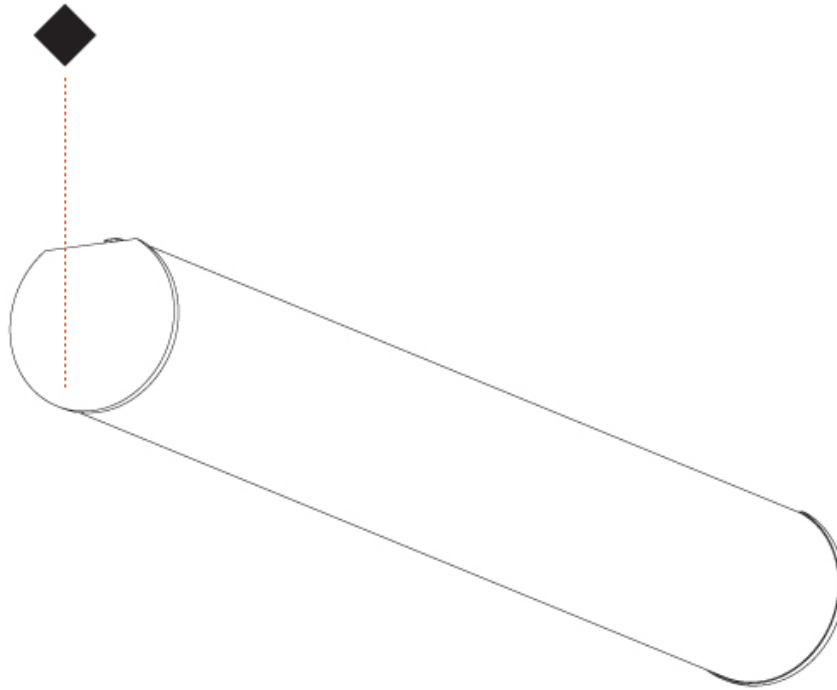
PROJECT

TYPE

SPECIFIER

QUANTITY

DATE



PROJECT	_____
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QUANTITY	_____
DATE	_____

BUNGA SURFACE

A3D119-

base number	LED	Color	Finishes
	Dimming	Temperature	(Diamond)

- To build a product code in our configurator select the specify button on the base model # product page
- To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #

GENERAL

Series: Bunga
Brand: Prolicht
Division: Architectural
Mounting Type: Surface
Mounting Location: Ceiling
Subcategory: Profile

PHYSICAL

Shape: Cylinder
Diameter (mm): 115
Diameter (in): 4 1/2
Length (mm): 1180
Length (in): 46 7/16
Height (mm): 108
Height (in): 4 1/4
Light Distribution: Omnidirectional
Weight (kg): 3.685
Weight (lbs): 8.124
Diffuser: PMMA - Opal
Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / GUM / CHC / COM / ABZ / JAG / OBR / MOS / ROR
Fixture Material: Aluminum

ELECTRICAL

Lamp Type: LED (Zhaga Standard)
Input Wattage (W): 20
Total Output Wattage (W): 16 / 12.8 (3500K)
Dimming: Non-Dimming / Phase Dimming (120Vac only) / 0-10V Dimming
Driver Included: Yes
Driver Location: Integrated
Driver Type: Constant Current - 120 / 277Vac
Driver Class: Class 2
Input Voltage (V): 120 - 277
Constant Current (MA): 350 / 400 (3500K)

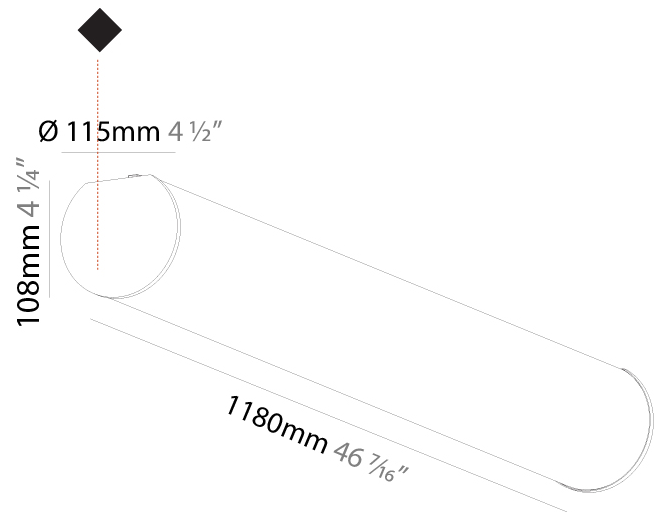
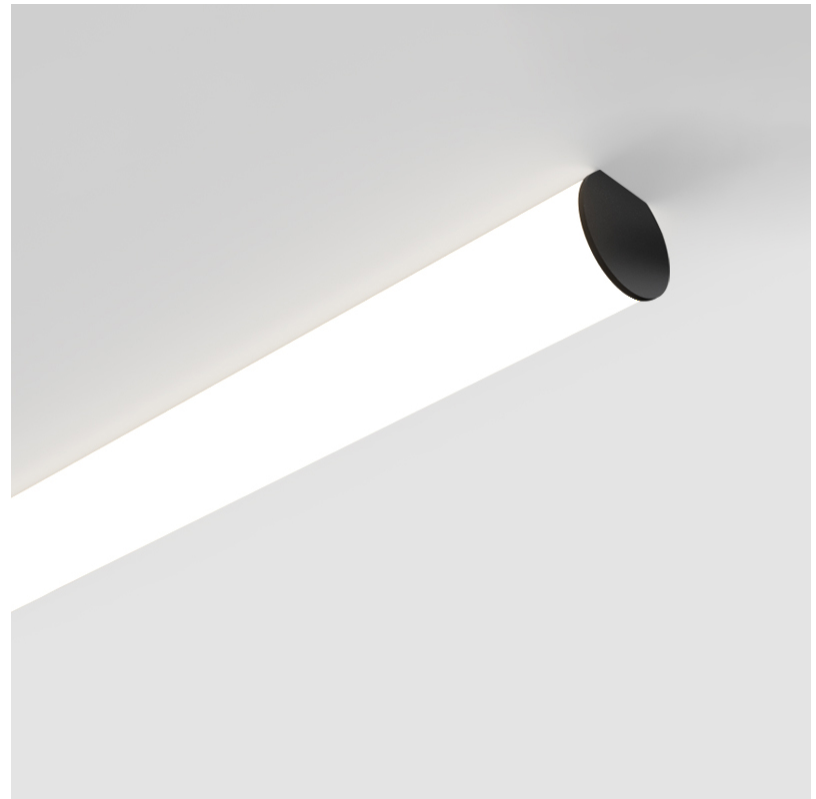
LED

Color Temperature (°K): 3000 / 3500 / 4000
Max. Delivered Lumen (lm): 2210 / 2293 / 2340
CRI: >80 CRI
Lamp Life (hrs): 50000

OPTICAL

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards
IP rating: IP20



A3D119-

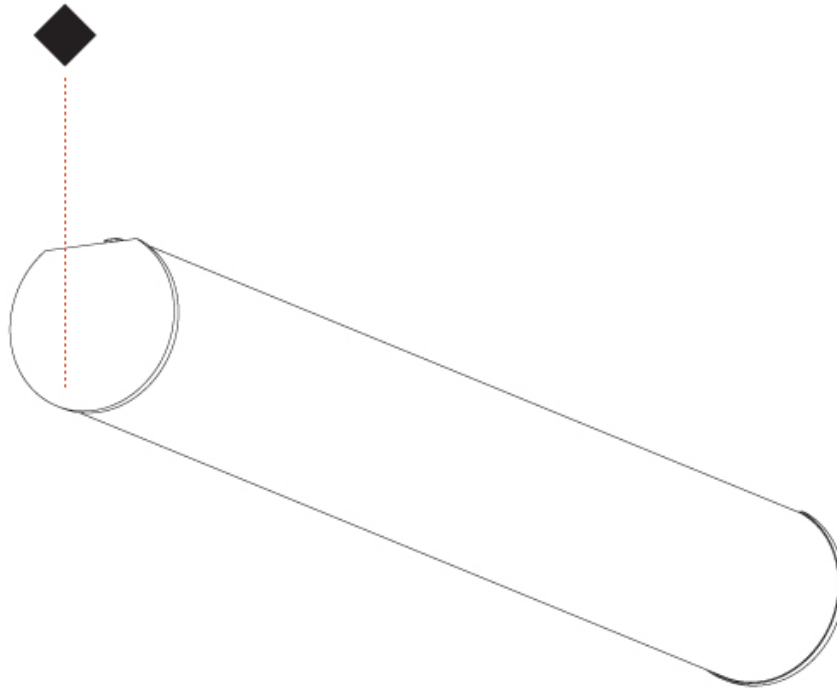
PROJECT

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SPECIFIER

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PROJECT
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QUANTITY
DATE

BUNGA SURFACE

A3D120-

base number	LED Dimming	Color Temperature	Finishes (Diamond)
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- To build a product code in our configurator select the specify button on the base model # product page
- To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #

GENERAL

Series: Bunga
Brand: Prolicht
Division: Architectural
Mounting Type: Surface
Mounting Location: Ceiling
Subcategory: Profile

PHYSICAL

Shape: Cylinder
Diameter (mm): 115
Diameter (in): 4 1/2
Length (mm): 1460
Length (in): 57 1/2
Height (mm): 108
Height (in): 4 1/4
Light Distribution: Omnidirectional
Weight (kg): 4.413
Weight (lbs): 9.729
Diffuser: PMMA - Opal
Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / GUM / CHC / COM / ABZ / JAG / OBR / MOS / ROR
Fixture Material: Aluminum

ELECTRICAL

Lamp Type: LED (Zhaga Standard)
Input Wattage (W): 25
Total Output Wattage (W): 20 / 16 (3500K)
Dimming: Non-Dimming / Phase Dimming (120Vac only) / 0-10V Dimming
Driver Included: Yes
Driver Location: Integrated
Driver Type: Constant Current - 120 / 277Vac
Driver Class: Class 2
Input Voltage (V): 120 - 277
Constant Current (MA): 350 / 500 (3500K)

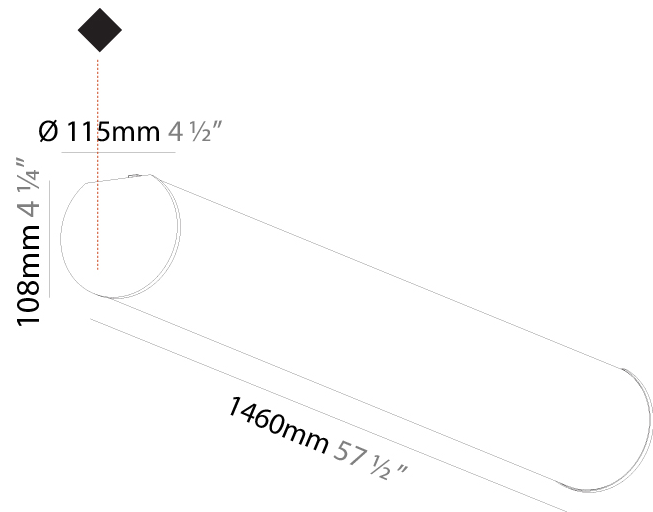
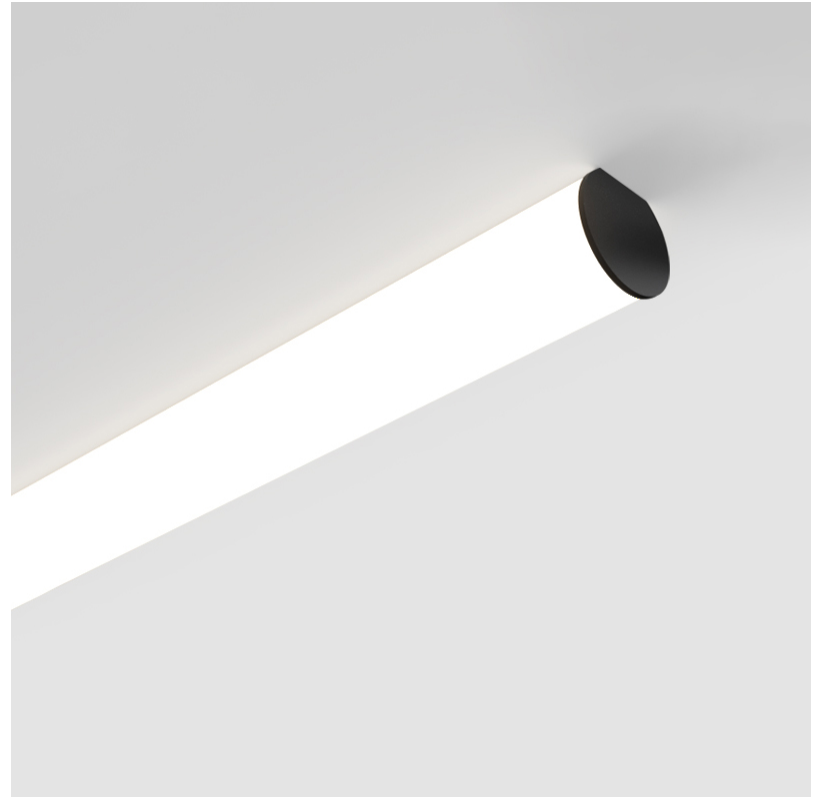
LED

Color Temperature (°K): 3000 / 3500 / 4000
Max. Delivered Lumen (lm): 2770 / 2862 / 2920
CRI: >80 CRI
Lamp Life (hrs): 50000

OPTICAL

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards
IP rating: IP20



BUNGA SURFACE

A3D120-

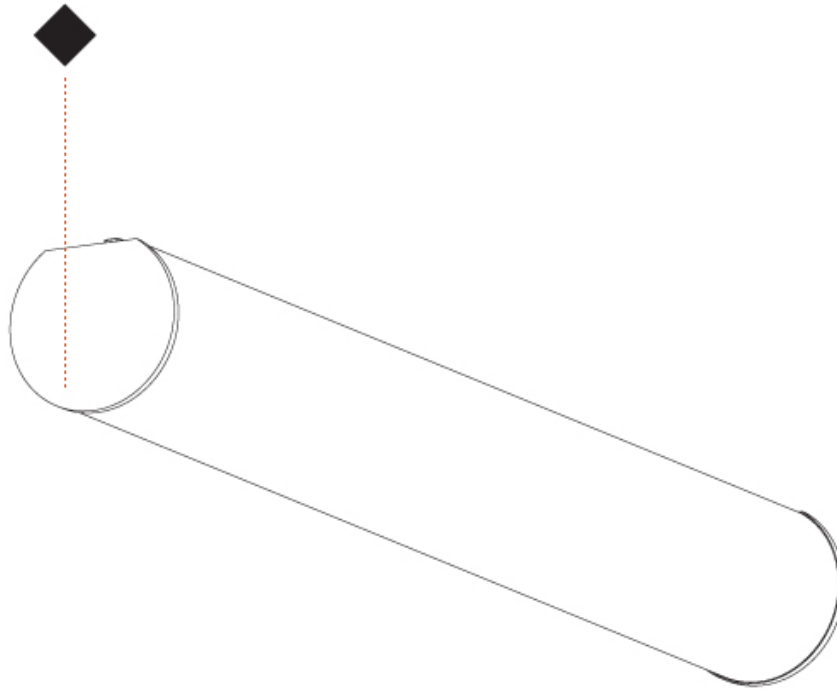
PROJECT

TYPE

SPECIFIER

QUANTITY

DATE



BUNGA SURFACE

A3D121-

base number LED Color Finishes
 Dimming Temperature (Diamond)

- To build a product code in our configurator select the specify button on the base model # product page
- To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #

GENERAL

Series: Bunga
 Brand: Prolicht
 Division: Architectural
 Mounting Type: Surface
 Mounting Location: Ceiling
 Subcategory: Profile

PHYSICAL

Shape: Cylinder
 Diameter (mm): 115
 Diameter (in): 4 1/2
 Length (mm): 1740
 Length (in): 68 1/2
 Height (mm): 108
 Height (in): 4 1/4
 Light Distribution: Omnidirectional
 Weight (kg): 5.138
 Weight (lbs): 11.327
 Diffuser: PMMA - Opal
 Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / GUM / CHC / COM / ABZ / JAG / OBR / MOS / ROR
 Fixture Material: Aluminum

ELECTRICAL

Lamp Type: LED (Zhaga Standard)
 Input Wattage (W): 30
 Total Output Wattage (W): 24 / 19.2 (3500K)
 Dimming: Non-Dimming / Phase Dimming (120Vac only) / 0-10V Dimming
 Driver Included: Yes
 Driver Location: Integrated
 Driver Type: Constant Current - 120 / 277Vac
 Driver Class: Class 2
 Input Voltage (V): 120 - 277
 Constant Current (MA): 350 / 600 (3500K)

LED

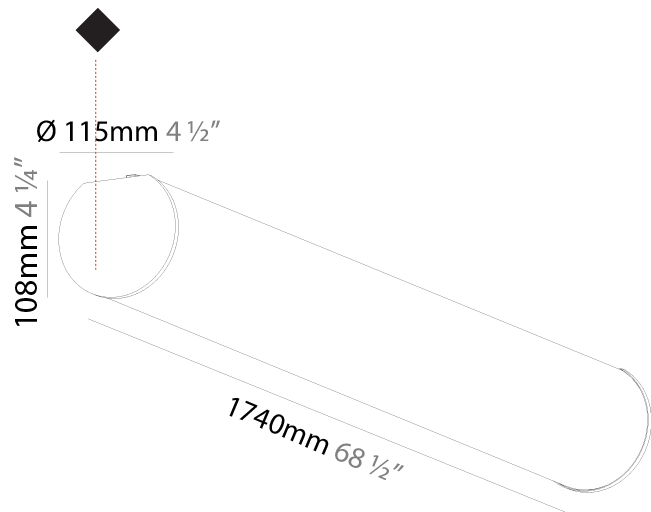
Color Temperature (°K): 3000 / 3500 / 4000
 Max. Delivered Lumen (lm): 3320 / 3440 / 3510
 CRI: >80 CRI
 Lamp Life (hrs): 50000

OPTICAL

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards
 IP rating: IP20

PROJECT
TYPE
SPECIFIER
QUANTITY
DATE



A3D121-

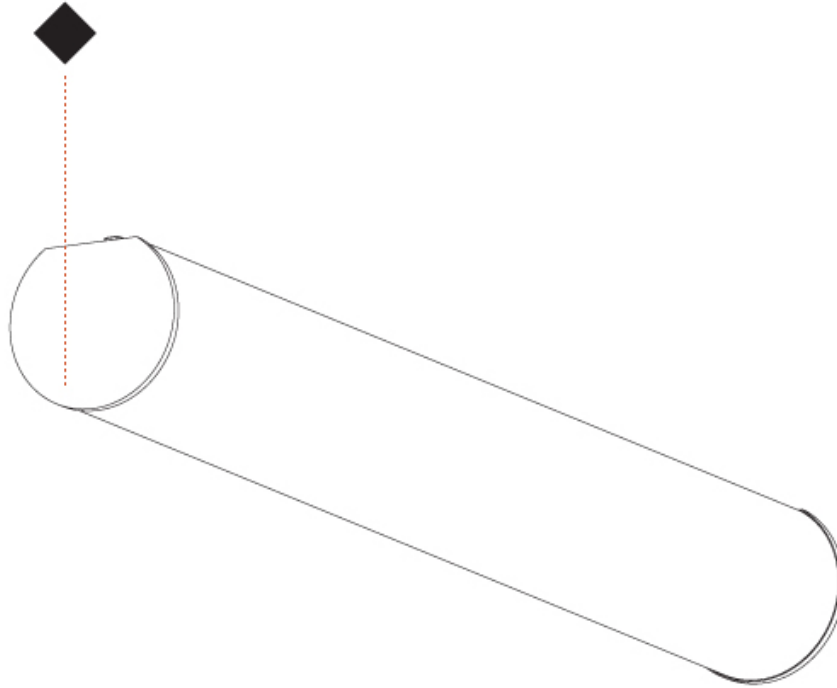
PROJECT

TYPE

SPECIFIER

QUANTITY

DATE



PROJECT	_____
TYPE	_____
SPECIFIER	_____
QUANTITY	_____
DATE	_____

BUNGA SURFACE

A3D122-

base number	LED	Color	Finishes
	Dimming	Temperature	(Diamond)

- To build a product code in our configurator select the specify button on the base model # product page
- To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #

GENERAL

Series: Bunga
Brand: Prolicht
Division: Architectural
Mounting Type: Surface
Mounting Location: Ceiling
Subcategory: Profile

PHYSICAL

Shape: Cylinder
Diameter (mm): 115
Diameter (in): 4 1/2
Length (mm): 2020
Length (in): 79 1/2
Height (mm): 108
Height (in): 4 1/4
Light Distribution: Omnidirectional
Weight (kg): 5.866
Weight (lbs): 12.932
Diffuser: PMMA - Opal
Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / GUM / CHC / COM / ABZ / JAG / OBR / MOS / ROR
Fixture Material: Aluminum

ELECTRICAL

Lamp Type: LED (Zhaga Standard)
Input Wattage (W): 35
Total Output Wattage (W): 28 / 22.8 (3500K)
Dimming: Non-Dimming / Phase Dimming (120Vac only) / 0-10V Dimming
Driver Included: Yes
Driver Location: Integrated
Driver Type: Constant Current - 120 / 277Vac
Driver Class: Class 2
Input Voltage (V): 120 - 277
Constant Current (MA): 350 / 700 (3500K)

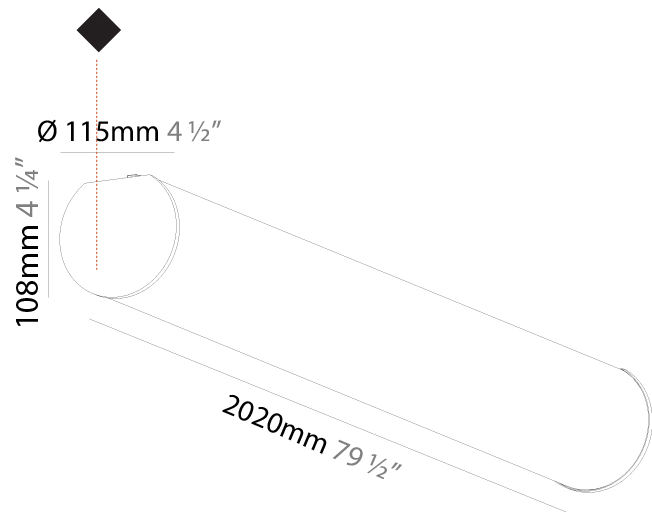
LED

Color Temperature (°K): 3000 / 3500 / 4000
Max. Delivered Lumen (lm): 3870 / 4008 / 4090
CRI: >80 CRI
Lamp Life (hrs): 50000

OPTICAL

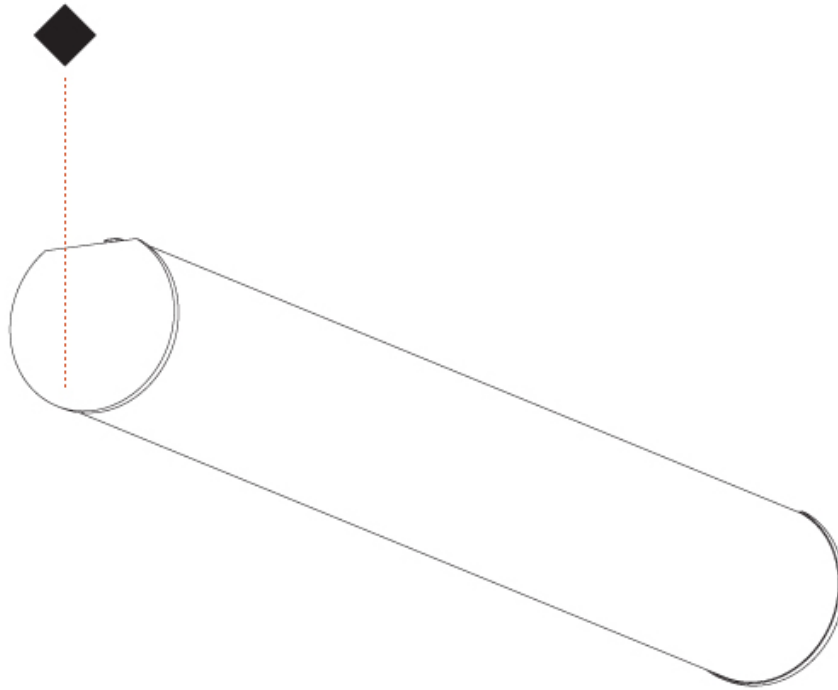
RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards
IP rating: IP20



A3D122-

PROJECT	_____
TYPE	_____
SPECIFIER	_____
QUANTITY	_____
DATE	_____



BUNGA COLOR FINISH CHART

PROJECT
TYPE
SPECIFIER
QUANTITY
DATE

Fixture Finish



Digital: Not all screens are calibrated the same, and therefore, colors will appear differently between screens.

Physical: When texture is involved, there will be variations in color, character and tone within a product series and between product families.

Gun Metal: No Gun Metal finish is alike. It combines a mixture of transparent and black color particles which ensures a highly individual effect and no luminaire being identical.

Champagne Cream, Copper Mine, Ancient Bronze + Jazz Gold: These finishes have slight fading from specific powder coating production. Each luminaire will slightly vary.



PROJECT	
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


LEGEND

 floor-mounted	 pivotable	 special LED (upon request) RGB, RGBW, tunable, gold+, meat+, art+, fashion+
 wall and ceiling: recessed and surface mounted	 rotating	 warm dim / natural dimming LED
 ceiling-mounted and wall-mounted	 illuminate tilted	 rechargeable battery powered
 wall-mounted	 color of suspension cable	 fixture with natural vivid LED (upon request)
 omni-directional light distribution	 length of suspension cable	 color rendering index
 direct light distribution	 reflector degree selection	 color temperature
 direct/indirect light distribution	 super spot	 lumen (luminous flux)
 indirect light distribution	 lens	 efficacy (lumens per watt)
 asymmetric light distribution	 lens pack	 Unified Glare Rating (UGR) range from 5-40
 aura light distribution	 shine ring	 marine grade (AISI 316 stainless steel)
 round wall or ceiling cut-out	 integrated shine ring with diffuser	 walk on
 square wall or ceiling cut-out	 free individual colors 01-29	 drive on
 the supplied jig specifies the cutout dimensions	 individual colors: 00 (free of charge), 01-25 (extra charge)	 Dark Sky Compliance
 minimum distance (meters) lamp - object	 luminaire part to be colored (F1)	 Americans with Disabilities Act (less than 4" off the wall located between 27"-84" from floor)
 recessed depth	 luminaire part to be colored (F2)	 lamp protected against explosion
 ceiling thickness in mm	 luminaire part to be colored (F3)	 blown glass using traditional methods by master glass blower
 ceiling thickness selection	 luminaire part to be colored (F4)	 acoustic material
 dimmable DP (phase), DV (0-10V), DD (dali), DS (step-dim)	 luminaire part to be colored (F5)	 protection class I, protection insulation
 included or excluded LED driver/transformer/control gear	 color of 3-circuit adaptor	 protection class II, protection insulation
 separately switchable	 indirect diffuser	 ETL Certified to UL and CSA Standards
 sensor	 direct diffuser	 UL Certified to UL and CSA Standards
 remote control	 ball-proof (upon request)	 CSA Certified to UL and CSA Standards
 available upon request	 accessory	 Certified for North American Standards

IP RATING

 IP20	protected against ingress of solid bodies greater than 12.5mm (finger)
 IP33	protected against ingress of solid bodies greater than 2.5mm protected against sprays of water up to 60 degrees from the vertical (rain)
 IP40	protected against ingress of solid bodies greater than 1mm (wire) no protection against the ingress of moisture
 IP43	protected against ingress of solid bodies greater than 1mm (wire) protected against sprays of water up to 60 degrees from the vertical (rain)
 IP44	protected against ingress of solid bodies greater than 1mm (wire) protected against water splashed from all directions
 IP54	protected against limited ingress of dust (wet rooms/covered outdoor areas) protected against water splashed from all directions
 IP65	protected against ingress of dust protected against jets of water
 IP66	protected against ingress of dust protected against powerful jets of water or heavy seas
 IP67	protected against ingress of dust protected against immersion of water between 15cm - 1m for 30 minutes
 IP68	protected against ingress of dust protected against immersion of water under pressure for long periods

IK RATING

 IK01	protected against 0.14 joules impact (equivalent to 0.25kg mass dropped from 56mm above the surface)
 IK02	protected against 0.2 joules impact (equivalent to 0.25kg mass dropped from 80mm above the surface)
 IK03	protected against 0.35 joules impact (equivalent to 0.25kg mass dropped from 140mm above the surface)
 IK04	protected against 0.5 joules impact (equivalent to 0.25kg mass dropped from 200mm above the surface)
 IK05	protected against 0.7 joules impact (equivalent to 0.25kg mass dropped from 280mm above the surface)
 IK06	protected against 1 joules impact (equivalent to 0.25kg mass dropped from 400mm above the surface)
 IK07	protected against 2 joules impact (equivalent to 0.5kg mass dropped from 400mm above the surface)
 IK08	protected against 5 joules impact (equivalent to 1.7kg mass dropped from 300mm above the surface)
 IK09	protected against 10 joules impact (equivalent to 5.0kg mass dropped from 200mm above the surface)
 IK10	protected against 20 joules impact (equivalent to 5.0kg mass dropped from 400mm above the surface)