

A35179					
base number	LED Dimming	Color Temperature	Finishes (Diamond)	Ceiling Thickness	Reflector

1.To build a product code in our configurator select the specify button on the base model # product page

2. 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: Bioniq Subseries: Bioniq Round Adjustable Brand: Prolicht Division: Architectural Mounting Type: Trimless Mounting Location: Ceiling Subcategory: Downlight

### **PHYSICAL**

Shape: Round Diameter (mm): 107 Diameter (in): 4 1/16 Height (mm): 112 Height (in): 4 1/16 Ceiling Thickness (mm): 10 / 12.5 / 15 / 25

Ceiling Thickness (in): 3/8 or 1/2 or 9/16 or 1 Min. Recessing Depth (mm): 130

Min. Recessing Depth (in): 5  $^1\!\!/_{\!8}$ Light Distribution: Adjustable / Downlight

Weight (kg): 0.557 Weight (lbs): 1.227

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 Die Cast Cut-out Measurements: 

■ 111mm / 4 3/8" Upon Request: Unique Ceiling Thickness

## **ELECTRICAL**

Lamp Type: LED (Zhaga Standard)

Input Wattage (W): 15.5

Total Output Wattage (W): 14.5

Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming)

Driver Included: No

Driver Location: Recessed Housing

Driver Type: Constant Current - Universal

Driver Class: Class 2

Housing: See components

Input Voltage (V): 120 - 277

Constant Current (MA): 500

## LED

Number of LEDs: 1

Color Temperature (°K): 2700 / 3000 / 3500 / 4000

Max. Delivered Lumen (lm): 940 / 980 / 1029 / 1050

CRI: >90 CRI

Efficiency (%): 87.9 / 88.4 / 87.9 / 87.9

Lamp Life (hrs): 50000

Upon Request: RGB-W Tunable White Special Color Temperature

Special LED

Reflector°: 20 / 40 / 60

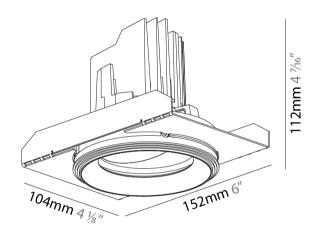
Adjustability: Rotational 355°; Tilt 30° Upon Request: Special Beam Angles

**RATINGS AND CERTIFICATIONS** 

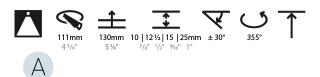
Certified By: Certified for North American Standards Zaneen Group Inc. © 2024. T 1800-388-3382, F 416-247-9319, www.zaneen.com

**PROJECT** TYPE SPECIFIER QUANTITY DATE





Ø 107mm 4 3/16"

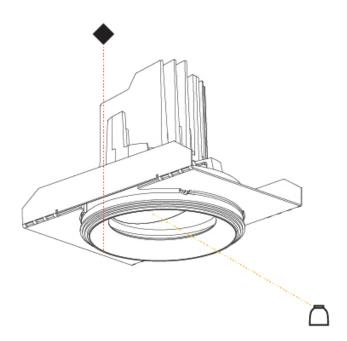


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	LED	C-1	Finisher

Dimming Temperature (Diamond)

1.To build a product code in our configurator select the specify button on the base model # product page

2. 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: Bioniq Subseries: Bioniq Round Adjustable Brand: Prolicht Division: Architectural Mounting Type: Trimless Mounting Location: Ceiling Subcategory: Downlight

### **PHYSICAL**

Shape: Round Diameter (mm): 107 Diameter (in): 4 1/16 Height (mm): 112 Height (in): 4 1/16 Ceiling Thickness (mm): 10 / 12.5 / 15 / 25 Ceiling Thickness (in): 3/8 or 1/2 or 9/16 or 1 Min. Recessing Depth (mm): 130 Min. Recessing Depth (in): 5 1/8 Light Distribution: Adjustable / Downlight Weight (kg): 0.596 Weight (lbs): 1.31

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 Die Cast Cut-out Measurements: 

☐ 111mm / 4 3/8" Upon Request: Unique Ceiling Thickness

## **ELECTRICAL**

Lamp Type: LED (Zhaga Standard) Input Wattage (W): 13.2 / 16.5 Total Output Wattage (W): 12.1 / 14.7 Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming) Driver Included: No Driver Location: Recessed Housing Driver Type: Constant Current - Universal Driver Class: Class 2 Housing: See components Input Voltage (V): 120 - 277 Constant Current (MA): 350

### LED

Number of LEDs: 1

Color Temperature (°K): 2700 / 3000 / 3500 / 4000 Max. Delivered Lumen (lm): 850 / 950 / 1019 / 1040 Nominal Lumen (lm): 960 / 1070 / 1156 / 1180 CRI: >90 CRI Lamp Life (hrs): 50000 Upon Request: RGB-W Tunable White Special Color Temperature Special LED

## OPTICAL

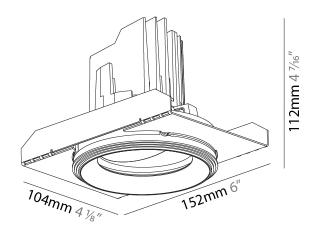
Reflector°: 10 Adjustability: Rotational 355°; Tilt 30° Upon Request: Special Beam Angles

## **RATINGS AND CERTIFICATIONS**

Certified By: Certified for North American Standards
Zameen Group Inc. © 2024, T 1800-388-3382, F 416-247-9319, www.zaneen.com
IP rating: IP 20
Available for International specifications by adding "INT" at the end of the existing Model #. For assistance on 'custom' specifications, contact zteam@zaneen.com.

**PROJECT** TYPE SPECIFIER QUANTITY DATE





Ø 107mm 4 3/16"



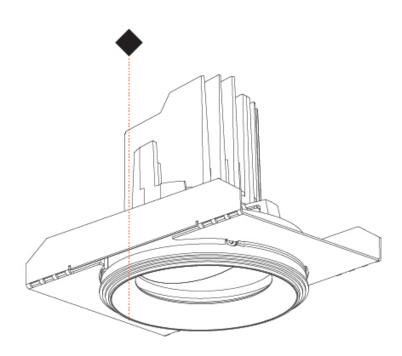


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# **BIONIQ ROUND DEEP TRIMLESS**

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Temperature (Diamond)

1.To build a product code in our configurator select the specify button on the base model # product page

Thickness

Options

Options

2. 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: Bioniq	
Subseries: Bioniq Round Deep	
Brand: Prolicht	
Division: Architectural	
Mounting Type: Trimless	
Mounting Location: Ceiling	
Subcategory: Downlight	

Subcategory: Downinght
PHYSICAL
Shape: Round
Diameter (mm): 107
Diameter (in): 4 $\frac{3}{16}$
Height (mm): 130
Height (in): 5 1/8
Ceiling Thickness (mm): 10 / 12.5 / 15 / 25
Ceiling Thickness (in): 3/8 or 1/2 or 9/16 or 1
Min. Recessing Depth (mm): 150
Min. Recessing Depth (in): 5 1/8
Light Distribution: Downlight
Weight (kg): 0.646

Weight (lbs): 1.42

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 Die Cast

Cut-out Measurements: 🛭 111mm / 4 3/8"

Upon Request: Unique Ceiling Thickness

### ELECTRICAL

Lamp Type: LED (Zhaga Standard)

Input Wattage (W): 13

Total Output Wattage (W): 11.8

Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming)

Driver Included: No

Driver Location: Recessed Housing

Driver Type: Constant Current - Universal

Driver Class: Class 2

Housing: See components

Input Voltage (V): 120 - 277

Constant Current (MA): 350

LED

Number of LEDs: 1

Color Temperature (°K): 2700 / 3000 / 3500 / 4000

Max. Delivered Lumen (lm): 876 / 909 / 955 / 974 Nominal Lumen (lm): 1304 / 1352 / 1421 / 1450

CRI: >90 CRI

Efficiency (%): 87.9 / 88.4 / 87.9

Lamp Life (hrs): 50000

Upon Request: RGB-W Tunable White Special Color Temperature Special LED

### OPTICAL

Reflector°: 18 / 42 / 60

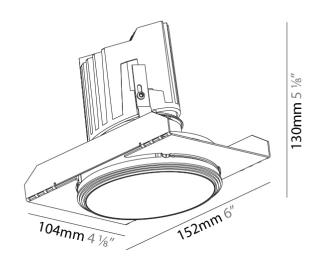
Optico: Lens Pack - No Lens / Linear Spread Lens / Honeycomb / Spread

Upon Request: Special Beam Angles

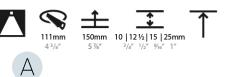
RATINGS AND CERTIFICATIONS 382, F 416-247-9319, www.zaneen.com

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Ø 107mm 4 3/16"



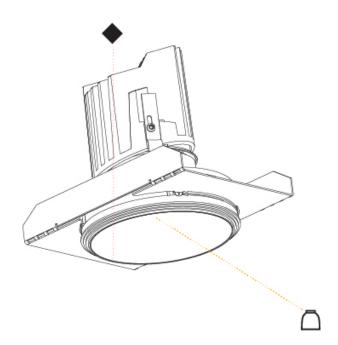
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# **BIONIQ ROUND DEEP TRIMLESS**

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A35200					
base number	LED Dimming	Color	Finishes (Diamond)	Ceiling	Reflector

1.To build a product code in our configurator select the specify button on the base model # product page

2. 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: Bioniq	
Subseries: Bioniq Round Semi Adjustable	
Brand: Prolicht	
Division: Architectural	
Mounting Type: Trimless	
Mounting Location: Ceiling	
Subcategory: Downlight	

Subcategory: Downlight	
PHYSICAL	
Shape: Round	
Diameter (mm): 107	
Diameter (in): $4\frac{3}{16}$	
Height (mm): 112	
Height (in): 4 1/16	
Ceiling Thickness (mm): 10 / 12.5 / 15 / 25	
Ceiling Thickness (in): 3/8 or 1/2 or 9/16 or 1	
Min. Recessing Depth (mm): 130	
Min. Recessing Depth (in): 5 1/8	
Light Distribution: Adjustable / Downlight	
Weight (kg): 0.621	
Weight (lbs): 1.37	
Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MY	YG /

LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / GUM / CHC

ELECTRICAL
Lamp Type: LED (Zhaga Standard)
Input Wattage (W): 15.5
Total Output Wattage (W): 14.5
Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming)

Driver Included: No Driver Location: Recessed Housing

COM / ABZ / JAG / OBR / MOS / ROR Fixture Material: Aluminum Die Cast Cut-out Measurements: 

□ 111mm / 4 3/8" Upon Request: Unique Ceiling Thickness

Driver Type: Constant Current - Universal

Driver Class: Class 2

Housing: See components

Input Voltage (V): 120 - 277

Constant Current (MA): 500

## LED

## Number of LEDs: 1

Color Temperature (°K): 2700 / 3000 / 3500 / 4000 Max. Delivered Lumen (lm): 940 / 980 / 1029 / 1050 Nominal Lumen (lm): 1386 / 1438 / 1511 / 1542 CRI: >90 CRI Efficiency (%): 87.9 / 88.4 / 87.9 Lamp Life (hrs): 50000 Upon Request: RGB-W Tunable White Special Color Temperature

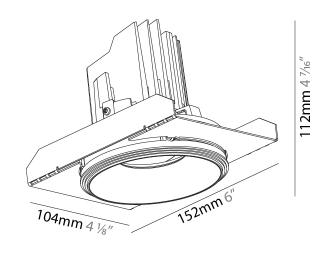
# Special LED OPTICAL

Reflector	2: 20 / 40 / 60
Adjustabi	lity: Rotational 355°; Tilt 10°
Upon Rec	uest: Special Beam Angles

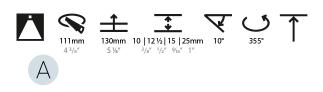
RATINGS AND CERTIFICATIONS

**PROJECT** TYPE SPECIFIER QUANTITY DATE





Ø 107mm 4 3/16"

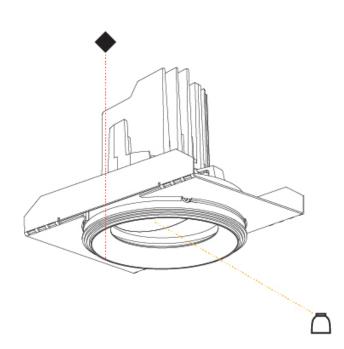


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base number

Temperature (Diamond)

1.To build a product code in our configurator select the specify button on the base model # product page

2. 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: Bioniq Subseries: Bioniq Round Semi Adjustable Brand: Prolicht Division: Architectural Mounting Type: Trimless Mounting Location: Ceiling Subcategory: Downlight

### **PHYSICAL**

Shape: Round Diameter (mm): 107 Diameter (in): 4 1/16 Height (mm): 112

Height (in): 4 1/16 Ceiling Thickness (mm): 10 / 12.5 / 15 / 25

Ceiling Thickness (in): 3/8 or 1/2 or 9/16 or 1

Min. Recessing Depth (mm): 130 Min. Recessing Depth (in): 5 1/8

Light Distribution: Adjustable / Downlight

Weight (kg): 0.624 Weight (lbs): 1.38

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 Die Cast Cut-out Measurements: 

☐ 111mm / 4 3/8" Upon Request: Unique Ceiling Thickness

# **ELECTRICAL**

Lamp Type: LED (Zhaga Standard) Input Wattage (W): 13.2 / 16.5 Total Output Wattage (W): 12.1 / 14.7 Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming) Driver Included: No Driver Location: Recessed Housing Driver Type: Constant Current - Universal Driver Class: Class 2 Housing: See components Input Voltage (V): 120 - 277 Constant Current (MA): 350

## LED

## Number of LEDs: 1

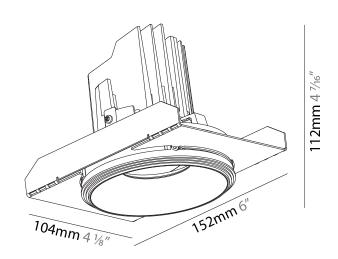
Color Temperature (°K): 2700 / 3000 / 3500 / 4000 Max. Delivered Lumen (lm): 850 / 950 / 1019 / 1040 Nominal Lumen (lm): 960 / 1070 / 1156 / 1180 CRI: >90 CRI Efficiency (%): 88.5 Lamp Life (hrs): 50000 Upon Request: RGB-W Tunable White Special Color Temperature

# Special LED OPTICAL

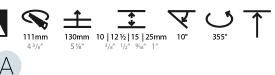
Reflector°: 10 Adjustability: Rotational 355°; Tilt 10° Upon Request: Special Beam Angles

**PROJECT** TYPE SPECIFIER QUANTITY DATE





Ø 107mm 4 3/16"

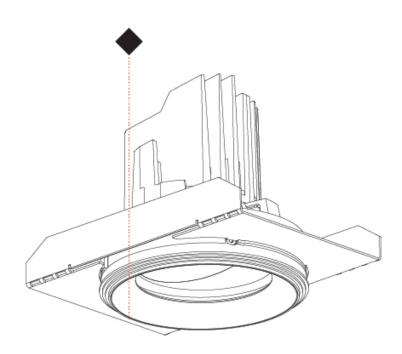


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# **BIONIQ**

COLOR FINISH CHART

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### **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.





# **BIONIQ**

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# **LEGEND**

T T	Var tr		a N.S.		special LED (upon request) PGP_PGPW_tunable
<u></u>	floor-mounted	Á	pivotable	⊛	special LED (upon request) RGB, RGBW, tunable, gold+, meat+, art+, fashion+
7	wall and ceiling: recessed and surface mounted	S	rotating	0	warm dim / natural dimming LED
$\uparrow$	ceiling-mounted and wall-mounted	Œ	illuminate tilted	0	rechargeable battery powered
$\rightarrow$	wall-mounted	I	color of suspension cable	THESE	fixture with natural vivid LED (upon request)
Y	omni-directional light distribution	<b>←</b>	length of suspension cable	CRI	color rendering index
	direct light distribution		reflector degree selection	(K)	color temperature
	direct/indirect light distribution	s s	super spot	LM	lumen (luminous flux)
Y	indirect light distribution	*	lens	₩)	efficacy (lumens per watt)
	asymmetric light distribution	8	lens pack	UGR	Unified Glare Rating (UGR) range from 5-40
	aura light distribution	0	shine ring	*	marine grade (AISI 316 stainless steel)
R	round wall or ceiling cut-out	0	integrated shine ring with diffuser	3	walk on
Z)	square wall or ceiling cut-out	Ġ	free individual colors 01-29	<b>②</b>	drive on
4	the supplied jig specifies the cutout dimensions	C	individual colors: 00 (free of charge), 01-25 (extra charge)	DSC	Dark Sky Compliance
<b>□</b> +,+	minimum distance (meters) lamp - object	<b>♦</b>	luminaire part to be colored (F1)	Ġ	Americans with Disabilities Act (less than 4" off the wall located between 27"-84" from floor)
$\hat{\perp}$	recessed depth	lack	luminaire part to be colored (F2)		lamp protected against explosion
1	ceiling thickness in mm	•	luminaire part to be colored (F3)		blown glass using traditional methods by master glass blower
1	ceiling thickness selection		luminaire part to be colored (F4)	<b>(</b> )	acoustic material
	dimmable DP (phase), DV (0-10V), DD (dali), DS (step-dim)	•	luminaire part to be colored (F5)		protection class I, protection insulation
<u>جه</u>	included or excluded LED driver/transformer/ control gear	•	color of 3-circuit adaptor		protection class II, protection insulation
8	separately switchable	$\odot$	indirect diffuser	. <b>(II</b> )	ETL Certified to UL and CSA Standards
<b>9</b>	sensor	O	direct diffuser	։ (Մ) «s	UL Certified to UL and CSA Standards
	remote control	$\oplus$	ball-proof (upon request)	<b>(1)</b>	CSA Certified to UL and CSA Standards
9	available upon request	0	accessory	<b>(Z</b> )	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**

above the surface)

IK02	protected against 0.2 joules impact (equivalent to 0.25kg mass dropped from 80mm above the surface)
<b>ІКОЗ</b>	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)
1K06	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) $$
IKOB	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)

protected against 20 joules impact (equivalent to 5.0kg mass dropped from 400mm above the surface)

protected against 0.14 joules impact (equivalent to 0.25kg mass dropped from 56mm