

BIONIQ ROUND ADJUSTABLE RECESSED

A35227-

base number	Color	Finishes	Reflector	Lens
	Temperature	(Diamond)	Options	Options

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: Recessed
Mounting Location: Ceiling
Subcategory: Downlight

PHYSICAL

Shape: Round
Diameter (mm): 107
Diameter (in): 4 3/16
Height (mm): 112
Height (in): 4 7/16
Ceiling Thickness (mm): 10 / 12.5 / 15
Ceiling Thickness (in): 3/8 or 1/2 or 9/16
Min. Recessing Depth (mm): 130
Min. Recessing Depth (in): 5 1/8
Light Distribution: Adjustable / Downlight
Weight (kg): 0.46
Weight (lbs): 1.01
Fixture Finish: SSR / BKV / CWI / CRY / HAB / LAG / UFT / ITA / RUA / RUR / MIC / FTG / MYG / TWT / 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: 98mm / 3 7/8"

ELECTRICAL

Lamp Type: LED (Zhaga Standard)
Input Wattage (W): 16.5
Total Output Wattage (W): 14
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): 930 / 960 / 1009 / 1030
Nominal Lumen (lm): 1386 / 1438 / 1511 / 1542
CRI: >90 CRI
Lamp Life (hrs): 50000

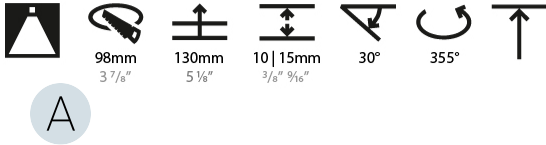
OPTICAL

Reflector°: 20 / 40 / 60
Adjustability: Rotational 355°; Tilt 30°

RATINGS AND CERTIFICATIONS

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

PROJECT
TYPE
SPECIFIER
QUANTITY
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BIONIQ ROUND ADJUSTABLE RECESSED

A35227-

PROJECT
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BIONIQ ROUND ADJUSTABLE RECESSED

A35239- - -  
base number Color Temperature Finishes (Diamond) Reflector Options

- 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: Recessed  
Mounting Location: Ceiling  
Subcategory: Downlight

PHYSICAL

Shape: Round  
Diameter (mm): 107  
Diameter (in): 4 3/16  
Height (mm): 112  
Height (in): 4 7/16  
Ceiling Thickness (mm): 10 / 12.5 / 15  
Ceiling Thickness (in): 3/8 or 1/2 or 9/16  
Min. Recessing Depth (mm): 130  
Min. Recessing Depth (in): 5 1/8  
Light Distribution: Adjustable / Downlight  
Weight (kg): 0.484  
Weight (lbs): 1.07  
Fixture Finish: SSR / BKV / CWI / CRY / HAB / LAG / UFT / ITA / RUA / RUR / MIC / FTG / MYG / TWT / 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: 98mm / 3 7/8"

ELECTRICAL

Lamp Type: LED (Zhaga Standard)  
Input Wattage (W): 16.5  
Total Output Wattage (W): 14  
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): 1140 / 1180 / 1245 / 1270  
Nominal Lumen (lm): 1386 / 1438 / 1511 / 1542  
CRI: >90 CRI  
Lamp Life (hrs): 50000

OPTICAL

Reflector°: 14 / 18 / 42  
Adjustability: Rotational 355°; Tilt 30°

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards  
IP rating: IP54

PROJECT  
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DATE



BIONIQ ROUND ADJUSTABLE RECESSED

A35239-

PROJECT
TYPE
SPECIFIER
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DATE



BIONIQ ROUND SEMI ADJUSTABLE RECESSED

A35305-

base number	Color Temperature	Finishes (Diamond)	Reflector Options
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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: Recessed
Mounting Location: Ceiling
Subcategory: Downlight

PHYSICAL

Shape: Round
Diameter (mm): 107
Diameter (in): 4 3/16
Height (mm): 112
Height (in): 4 7/16
Ceiling Thickness (mm): 10 / 12.5 / 15
Ceiling Thickness (in): 3/8 or 1/2 or 9/16
Min. Recessing Depth (mm): 130
Min. Recessing Depth (in): 5 1/8
Light Distribution: Adjustable / Downlight
Weight (kg): 0.465
Weight (lbs): 1.03
Fixture Finish: SSR / BKV / CWI / CRY / HAB / LAG / UFT / ITA / RUA / RUR / MIC / FTG / MYG / TWT / 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: 98mm / 3 7/8"

ELECTRICAL

Lamp Type: LED (Zhaga Standard)
Input Wattage (W): 16.5
Total Output Wattage (W): 13
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): 1130 / 1180 / 1235 / 1260
Nominal Lumen (lm): 1386 / 1438 / 1511 / 1542
CRI: >90 CRI
Lamp Life (hrs): 50000

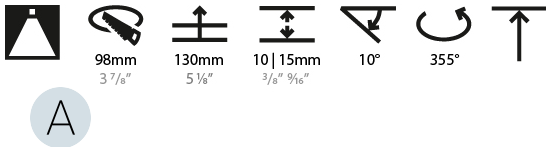
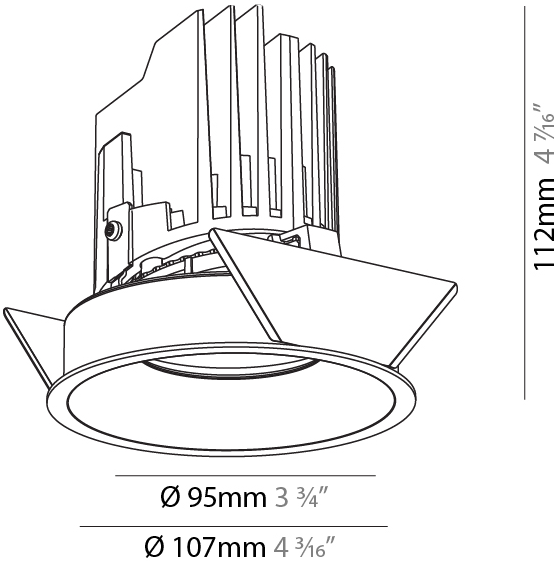
OPTICAL

Reflector: 20 / 40 / 60
Adjustability: Rotational 355°; Tilt 10°

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards
IP rating: IP54

PROJECT
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BIONIQ ROUND SEMI ADJUSTABLE RECESSED

A35305-

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QUANTITY
DATE



BIONIQ ROUND WALLWASH RECESSED

A35338- - -  
base number Color Finishes Reflector  
Temperature (Diamond) Options

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 Wallwash  
Brand: Prolicht  
Division: Architectural  
Mounting Type: Recessed  
Mounting Location: Ceiling  
Subcategory: Wallwash

PHYSICAL

Shape: Round  
Diameter (mm): 107  
Diameter (in): 4 3/16  
Height (mm): 118  
Height (in): 4 5/8  
Ceiling Thickness (mm): 10 / 12.5 / 15  
Ceiling Thickness (in): 3/8 or 1/2 or 9/16  
Min. Recessing Depth (mm): 140  
Min. Recessing Depth (in): 5 1/2  
Light Distribution: Adjustable / Asymmetric  
Weight (kg): 0.473  
Weight (lbs): 1.04  
Fixture Finish: SSR / BKV / CWI / CRY / HAB / LAG / UFT / ITA / RUA / RUR / MIC / FTG / MYG / TWT / 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: 98mm / 3 7/8"

ELECTRICAL

Lamp Type: LED (Zhaga Standard)  
Input Wattage (W): 16.5  
Total Output Wattage (W): 14  
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): 1030 / 1070 / 1117 / 1140  
Nominal Lumen (lm): 1386 / 1438 / 1511 / 1542  
CRI: >90 CRI  
Lamp Life (hrs): 50000

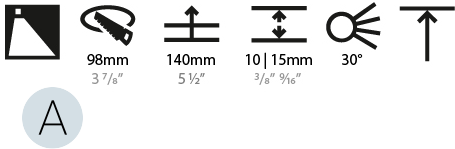
OPTICAL

Reflector: 20 / 40 / 60  
Adjustability: Fixed

RATINGS AND CERTIFICATIONS

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

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BIONIQ ROUND WALLWASH RECESSED

A35338-

PROJECT	
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QUANTITY	
DATE	





BIONIQ ROUND WALLWASH RECESSED

A35347- -

base number	Color	Reflector
	Temperature	Options

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 Wallwash

Brand: Prolicht

Division: Architectural

Mounting Type: Recessed

Mounting Location: Ceiling

Subcategory: Wallwash

PHYSICAL

Shape: Round

Diameter (mm): 107

Diameter (in): 4 3/16

Height (mm): 118

Height (in): 4 5/8

Ceiling Thickness (mm): 10 / 12.5 / 15

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

Min. Recessing Depth (mm): 140

Min. Recessing Depth (in): 5 1/2

Light Distribution: Adjustable / Asymmetric

Weight (kg): 0.473

Weight (lbs): 1.04

Fixture Finish: SSR / BKV / CWI / CRY / HAB / LAG / UFT / ITA / RUA / RUR / MIC / FTG / MYG / TWT / 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: 98mm / 3 7/8"

ELECTRICAL

Lamp Type: LED (Zhaga Standard)

Input Wattage (W): 16.5

Total Output Wattage (W): 14

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): 1100 / 1140 / 1196 / 1220

Nominal Lumen (lm): 1386 / 1438 / 1511 / 1542

CRI: >90 CRI

Lamp Life (hrs): 50000

OPTICAL

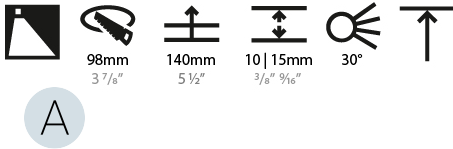
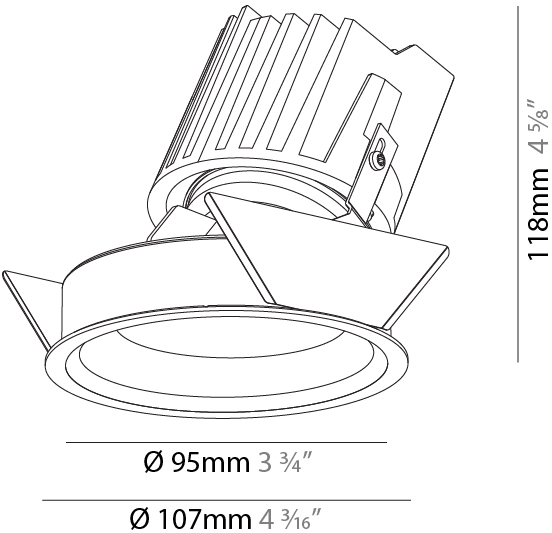
Reflector°: 20 / 40 / 60

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards

IP rating: IP20

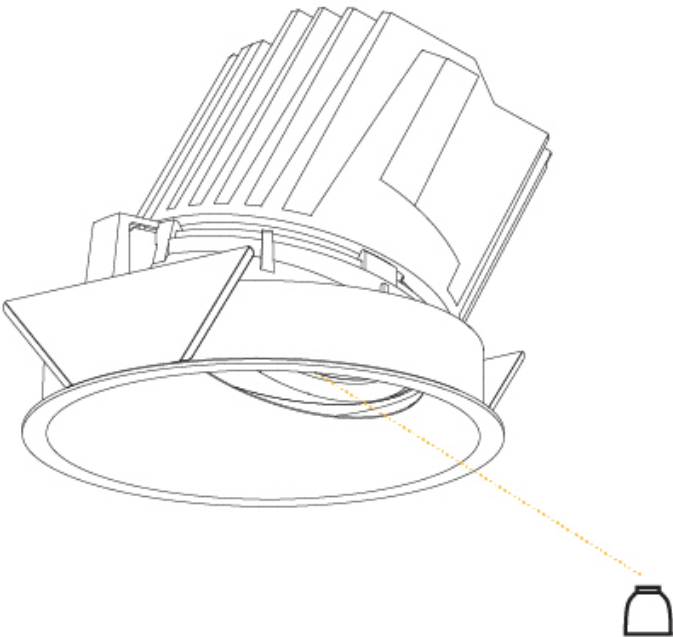
PROJECT
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BIONIQ ROUND WALLWASH RECESSED

A35347-

PROJECT
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BIONIQ ROUND ADJUSTABLE TRIMLESS

A35527- - -  
base number Finishes Ceiling Reflector  
(Diamond) Thickness Options

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 3/16  
Height (mm): 112  
Height (in): 4 7/16  
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): 0.583  
Weight (lbs): 1.28  
Fixture Finish: SSR / BKV / CWI / CRY / HAB / LAG / UFT / ITA / RUA / RUR / MIC / FTG / MYG / TWT / 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: Ø111mm/4 3/8"  
Upon Request: Unique Ceiling Thickness

ELECTRICAL

Lamp Type: LED (Zhaga Standard)  
Input Wattage (W): 16.5  
Total Output Wattage (W): 14.7  
Dimming: Dali Dimming  
Driver Location: Recessed Housing  
Driver Type: Constant Current - 120Vac  
Driver Class: Class 2  
Housing: See Components  
Input Voltage (V): 120  
Constant Current (MA): 350

LED

Number of LEDs: 1  
Max. Delivered Lumen (lm): 770  
Nominal Lumen (lm): 1140  
CRI: >90 CRI  
Lamp Life (hrs): 50000  
Upon Request: RGB-W Tunable White Special Color Temperature  
Special LED

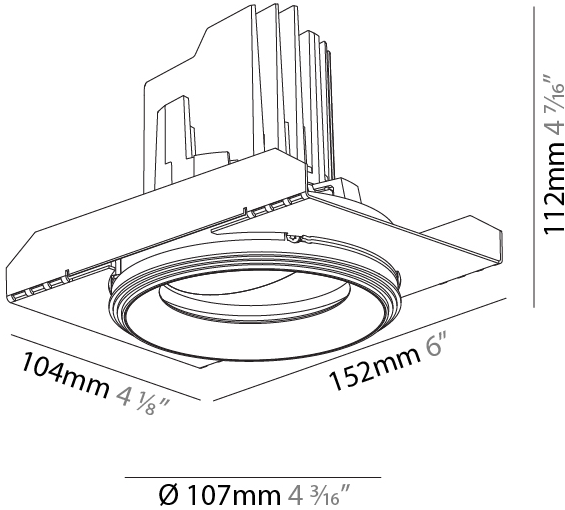
OPTICAL

Reflector°: 20 / 40 / 60  
Adjustability: Rotational 355°; Tilt 30°  
Upon Request: Special Beam Angles

RATINGS AND CERTIFICATIONS

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

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BIONIQ ROUND ADJUSTABLE TRIMLESS

A35527-

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BIONIQ ROUND SEMI ADJUSTABLE TRIMLESS

A35529- - -  
base number Finishes Ceiling Reflector  
(Diamond) Thickness Options

- 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 3/16  
Height (mm): 112  
Height (in): 4 7/16  
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): 0.609  
Weight (lbs): 1.34  
Fixture Finish: SSR / BKV / CWI / CRY / HAB / LAG / UFT / ITA / RUA / RUR / MIC / FTG / MYG / TWT / 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: Ø 111mm / 4 3/8"  
Upon Request: Unique Ceiling Thickness

ELECTRICAL

Lamp Type: LED (Zhaga Standard)  
Input Wattage (W): 16.5  
Total Output Wattage (W): 14.7  
Dimming: Dali Dimming  
Driver Included: No  
Driver Location: Recessed Housing  
Driver Type: Constant Current - 120Vac  
Driver Class: Class 2  
Housing: See Components  
Input Voltage (V): 120  
Constant Current (MA): 350

LED

Number of LEDs: 1  
Max. Delivered Lumen (lm): 770  
Nominal Lumen (lm): 1140  
CRI: >90 CRI  
Lamp Life (hrs): 50000  
Upon Request: RGB-W Tunable White Special Color Temperature  
Special LED

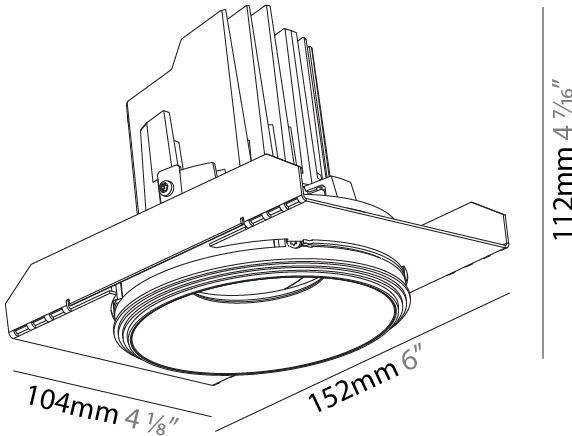
OPTICAL

Reflector°: 20 / 40 / 60  
Adjustability: Rotational 355°; Tilt 10°  
Upon Request: Special Beam Angles

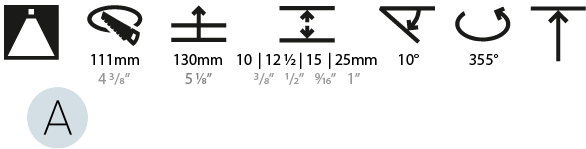
RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards  
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PROJECT	
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Ø 107mm 4 3/16"



BIONIQ ROUND SEMI ADJUSTABLE TRIMLESS

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PROJECT	
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BIONIQ ROUND ADJUSTABLE RECESSED

A35542- -

base number	Finishes (Diamond)	Reflector Options
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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: Recessed

Mounting Location: Ceiling

Subcategory: Downlight

PHYSICAL

Shape: Round

Diameter (mm): 107

Diameter (in): 4 3/16

Height (mm): 112

Height (in): 4 7/16

Min. Recessing Depth (mm): 130

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

Light Distribution: Adjustable / Downlight

Weight (kg): 0.46

Weight (lbs): 1.01

Fixture Finish: SSR / BKV / CWI / CRY / HAB / LAG / UFT / ITA / RUA / RUR / MIC / FTG / MYG / TWT / 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: 98mm / 3 7/8"

ELECTRICAL

Lamp Type: LED (Zhaga Standard)

Input Wattage (W): 16.5

Total Output Wattage (W): 14.7

Dimming: Dali Dimming

Driver Included: No

Driver Location: Recessed Housing

Driver Type: Constant Current - 120Vac

Driver Class: Class 2

Input Voltage (V): 120

Constant Current (MA): 350

LED

Number of LEDs: 1

Color Temperature (°K): Warm Dim

Max. Delivered Lumen (lm): 760

Nominal Lumen (lm): 1140

CRI: >90 CRI

OPTICAL

Reflector°: 20 / 40 / 60

Adjustability: Rotational 355°; Tilt 30°

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards

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BIONIQ ROUND ADJUSTABLE RECESSED

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Fixture Finish

Sparkling Silver - 01 (SSR) 	Black Velvet - 02 (BKV) 	Crystal White - 03 (CWI) 	Creamy - 04 (CRY) 	Hampton Bay - 05 (HAB) 	Lagoon - 06 (LAG) 
Urban Forest - 07 (UFT) 	In the Army - 08 (ITA) 	Rusty Angel - 09 (RUA) 	Rusty Rush - 10 (RUR) 	Milk and Chocolate - 11 (MIC) 	Fade to Gray - 12 (FTG) 
Mysterious Gray - 13 (MYG) 	Twilight - 14 (TWT) 	Lost Dream - 15 (LOD) 	Purple Sky - 16 (PUS) 	Fresh Oh - 17 (FRO) 	Funky P. - 18 (FUP) 
Kissing Aphrodite - 19 (KIA) 	Poseidon's Paradise - 20 (POP) 	Blue Sky - 21 (BLS) 	Spring Green - 22 (SPG) 	Mellow Yellow - 23 (MEY) 	Golden Heart - 24 (GOH) 
Gun Metal - 25 (GUM) 	Champagne Cream - 26 (CHC) 	Copper Mine - 27 (COM) 	Ancient Bronze - 28 (ABZ) 	Jazz Gold - 29 (JAG) 	Olive Breeze - 30 (OBR) 
Moonlight Silver - 31 (MOS) 	Rosewood Red - 32 (ROR) 				

**Digital:** Not all screens are calibrated the same, and therefore, colors will appear differently between devices.  
**Physical:** When texture is involved, there will be variations in color, character and tone within a product and between product families.

**Gun Metal:** No Gun Metal finish is alike. It combines a mixture of transparent and black color particles to ensure 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.

Available for International specifications by adding 'INT' at the end of the existing Model #. For assistance on 'custom' specifications, contact zteam@zaneen.com.  
In a constant effort to supply the best product, we reserve the right to change specifications or materials without notice. The most recent specification sheets are found at zaneen.com

### LEGEND

	floor-mounted		pivotal		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

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

### IK RATING

	protected against 0.14 joules impact (equivalent to 0.25kg mass dropped from 56mm above the surface)
	protected against 0.2 joules impact (equivalent to 0.25kg mass dropped from 80mm above the surface)
	protected against 0.35 joules impact (equivalent to 0.25kg mass dropped from 140mm above the surface)
	protected against 0.5 joules impact (equivalent to 0.25kg mass dropped from 200mm above the surface)
	protected against 0.7 joules impact (equivalent to 0.25kg mass dropped from 280mm above the surface)
	protected against 1 joules impact (equivalent to 0.25kg mass dropped from 400mm above the surface)
	protected against 2 joules impact (equivalent to 0.5kg mass dropped from 400mm above the surface)
	protected against 5 joules impact (equivalent to 1.7kg mass dropped from 300mm above the surface)
	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)