# **ZANEEN**<sub>®</sub>

### **BIONIQ ROUND ADJUSTABLE RECESSED**

#### A35224-

Color Finishes 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 Adjustable
Brand: Prolicht
Division: Architectural
Mounting Type: Recessed
Mounting Location: Ceiling
Subcategory: Downlight
PHYSICAL
Shape: Round
Diameter (mm): 107
Diameter (in): $4\frac{3}{16}$
Height (mm): 112
Height (in): 4 <sup>7</sup> / <sub>16</sub>
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 $\frac{1}{8}$
Light Distribution: Adjustable / Downlight
Weight (kg): 0.47
Weight (lbs): 1.04
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: 98mm / 3 7/8"
ELECTRICAL
Lamp Type: LED (Zhaga Standard)
Input Wattage (W): 13.2 / 16.5
Total Output Wattage (W): 12 / 15

Total Output Wattage (W): 12 / 15
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 (%): 0.885
Lamp Life (hrs): 50000

#### OPTICAL

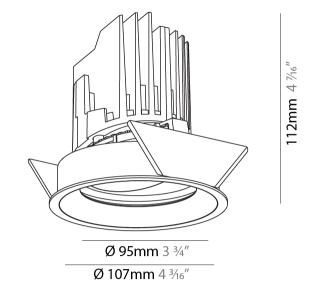
Reflector°: 10 Adjustability: Rotational 355°; Tilt 30°

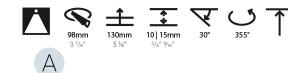
#### **RATINGS AND CERTIFICATIONS**

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

PROJECT	
ТҮРЕ	
SPECIFIER	
QUANTITY	
DATE	







Page 1/6

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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

## **ZANEEN**.

### **BIONIQ ROUND ADJUSTABLE RECESSED**

A35224-

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DATE			
QUANTITY			
SPECIFIER			
TYPE			
PROJECT			



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# **ZANEEN**<sub>®</sub>

### **BIONIQ ROUND PINHOLE RECESSED**

#### A37861-

Finishes base number Color 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

Brand: Prolicht         Division: Architectural         Aounting Type: Recessed         Aounting Location: Ceiling         Subcategory: Downlight         PHYSICAL         Schape: Round         Diameter (mm): 107         Diameter (in): $4\frac{7}{16}$ Beight (in): 4 $\frac{7}{16}$ Ceiling Thickness (mm): 10 / 12.5 / 15         Ceiling Thickness (in): 3/8 or 1/2 or 9/16         Ain. Recessing Depth (mm): 130         Ain. Recessing Depth (in): 5 $\frac{1}{6}$ Light Distribution: Adjustable / Downlight         Veight (kg): 0.473         Veight (lbs): 1.04         Exture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG / COD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / GUM / CHC / COM / ABZ / JAG / OBR / MOS / ROR         Exture Material: Aluminum Die Cast         Cut-out Measurements: 98mm / 3 7/8"	Series: Bioniq	
Anomic Architectural         Aounting Type: Recessed         Aounting Location: Ceiling         Subcategory: Downlight         PHYSICAL         Shape: Round         Diameter (mm): 107         Diameter (in): $4\frac{3}{16}$ Height (in): $4\frac{7}{16}$ Ceiling Thickness (mm): 10 / 12.5 / 15         Ceiling Thickness (mm): 10 / 12.5 / 15         Ceiling Thickness (in): 3/8 or 1/2 or 9/16         Ain. Recessing Depth (im): 130         Ain. Recessing Depth (in): $5\frac{1}{18}$ Light Distribution: Adjustable / Downlight         Veight (kg): 0.473         Veight (lbs): 1.04         Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG / OD / 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"	Subseries: Bioniq Round Pinhole	
Aounting Type: Recessed         Aounting Location: Ceiling         Subcategory: Downlight         PHYSICAL         Shape: Round         Diameter (mm): 107         Diameter (in): $4 \frac{1}{1_{16}}$ Height (in): $4 \frac{1}{1_{16}}$ Ceiling Thickness (mm): 10 / 12.5 / 15         Ceiling Thickness (in): 3/8 or 1/2 or 9/16         Ain. Recessing Depth (mm): 130         Ain. Recessing Depth (in): 5 $\frac{1}{16}$ Light Distribution: Adjustable / Downlight         Veight (kg): 0.473         Veight (lbs): 1.04         Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG / COD / 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"	Brand: Prolicht	
Aounting Location: Ceiling         Subcategory: Downlight         PHYSICAL         Shape: Round         Diameter (mm): 107         Diameter (in): $4\frac{7}{16}$ Height (in): $4\frac{7}{16}$ Ceiling Thickness (mm): 10 / 12.5 / 15         Ceiling Thickness (in): 3/8 or 1/2 or 9/16         Ain. Recessing Depth (mm): 130         Ain. Recessing Depth (in): $5\frac{1}{8}$	Division: Architectural	
Subcategory: Downlight PHYSICAL Shape: Round Diameter (mm): 107 Diameter (in): $4\frac{3}{16}$ Height (in): $4\frac{7}{16}$ Ceiling Thickness (mm): 10 / 12.5 / 15 Ceiling Thickness (in): 3/8 or 1/2 or 9/16 Ain. Recessing Depth (mm): 130 Ain. Recessing Depth (in): $5\frac{1}{6}$ Light Distribution: Adjustable / Downlight Veight (kg): 0.473 Veight (lbs): 1.04 Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG / COD / 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"	Mounting Type: Recessed	
PHYSICAL         Shape: Round         Diameter (mm): 107         Diameter (in): $4 \frac{1}{2}_{16}$ Height (mm): 112         Height (in): $4 \frac{1}{2}_{16}$ Ceiling Thickness (mm): 10 / 12.5 / 15         Ceiling Thickness (in): 3/8 or 1/2 or 9/16         Ain. Recessing Depth (mm): 130         Ain. Recessing Depth (in): 5 $\frac{1}{2}_{6}$ Light Distribution: Adjustable / Downlight         Veight (kg): 0.473         Veight (lbs): 1.04         Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG / OD / 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"	Mounting Location: Ceiling	
Shape: Round Diameter (mm): 107 Diameter (in): $4\frac{3}{16}$ deight (in): $4\frac{7}{16}$ deight (in): $4\frac{7}{16}$ Ceiling Thickness (mm): 10 / 12.5 / 15 Ceiling Thickness (in): 3/8 or 1/2 or 9/16 Ain. Recessing Depth (mm): 130 Ain. Recessing Depth (in): $5\frac{1}{76}$ Light Distribution: Adjustable / Downlight Veight (kg): 0.473 Veight (lbs): 1.04 Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG / COD / 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"	Subcategory: Downlight	
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Height (mm): 112         Height (in): $4 \frac{7}{1_6}$ 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): $5 \frac{7}{8}$ Light Distribution: Adjustable / Downlight         Veight (kg): 0.473         Veight (lbs): 1.04         Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG / COD / 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"	Diameter (mm): 107	
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Leiling Thickness (mm): 10 / 12.5 / 15         Leiling Thickness (in): 3/8 or 1/2 or 9/16         Min. Recessing Depth (mm): 130         Min. Recessing Depth (in): 5 ½         Light Distribution: Adjustable / Downlight         Veight (kg): 0.473         Veight (lbs): 1.04         Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG / COD / 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"	Height (mm): 112	
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Veight (lbs): 1.04 Veight (lbs): 1.04 Vixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG / .0D / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / GUM / CHC / .0D / ABZ / JAG / OBR / MOS / ROR Vixture Material: Aluminum Die Cast Cut-out Measurements: 98mm / 3 7/8"	Light Distribution: Adjustable / Downlight	
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Cut-out Measurements: 98mm / 3 7/8"		
	Fixture Material: Aluminum Die Cast	
	Cut-out Measurements: 98mm / 3 7/8"	
LECTRICAL	ELECTRICAL	

#### Lamn Type I FD

Lamp Type. LED
Input Wattage (W): 13.2 / 16.5
Total Output Wattage (W): 12 / 15
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
Housing: See components
Input Voltage (V): 120 - 277
Constant Current (MA): 350

#### LED

Number of LEDs: 1

Color	Tempe	rature (`	'K): 2	2700,	/ 3000 /	3500	/ 4000

Lamp Life (hrs): 50000	
CRI: >90 CRI	
Nominal Lumen (lm): 960 / 1070 / 1156 / 1180	
Max. Delivered Lumen (lm): 850 / 950 / 1019 / 1040	

#### OPTICAL

Reflector°: 10

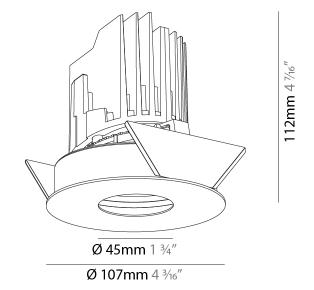
Adjustability: Rotational 355°; Tilt 30°

#### **RATINGS AND CERTIFICATIONS**

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

PROJECT			
ТҮРЕ			
SPECIFIER			
QUANTITY			
DATE			







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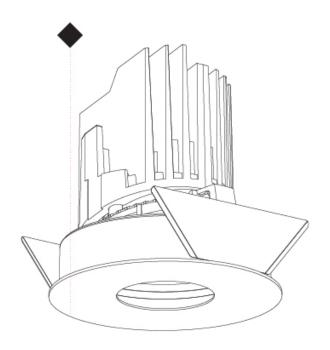
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## **ZANEEN**.

## **BIONIQ ROUND PINHOLE RECESSED**

A37861-

PROJECT			
TYPE			
SPECIFIER			
QUANTITY			
DATE			



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## **ZANEEN**<sub>®</sub>

## BIONIQ

**Fixture Finish** 

PROJECT

PROJECT			
ТҮРЕ			
SPECIFIER			
QUANTITY			
DATE			

Sparkling Silver - 01 (SSR)	Black Velvet - 02 (BKV)	Crystal White - 03 (CWI)	Creamy - 04 (CRY)	Hampton Bay - 05 (HAB)	Urban Forest - 07 (UFT)
In the Army - 08 (ITA)	Rusty Angel - 09 (RUA)	Fade to Gray - 12 (FTG)	Mysterious Gray - 13 (MYG)	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 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.

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## ZANEEN

### BIONIQ

LEGEND

PROJECT

TYPE

SPECIFIER QUANTITY

DATE

1

6

SP

(Z)

#### special LED (upon request) RGB, RGBW, tunable, gold+, meat+, art+, fashion+ 1 floor-mounted Y pivotable $\circledast$ 1 0 wall and ceiling: recessed and surface mounted rotating warm dim / natural dimming LED Œ illuminate tilted Î ceiling-mounted and wall-mounted rechargeable battery powered Ø Ţ wall-mounted color of suspension cable fixture with natural vivid LED (upon request) -> 1 $\mathbb{Y}$ omni-directional light distribution 1 CRI length of suspension cable color rendering index Λ direct light distribution Δ reflector degree selection °K color temperature direct/indirect light distribution s s LM) super spot lumen (luminous flux) Å Y LM indirect light distribution lens efficacy (lumens per watt) asymmetric light distribution Q UGR Unified Glare Rating (UGR) range from 5-40 lens pack 0 ÷ marine grade (AISI 316 stainless steel) Ă aura light distribution shine ring 9 round wall or ceiling cut-out lacksquareintegrated shine ring with diffuser 1 walk on 5 square wall or ceiling cut-out ĥ free individual colors 01-29 . drive on individual colors: 00 (free of charge), 01-25 (extra d Ċ DSC the supplied jig specifies the cutout dimensions Dark Sky Compliance charge) Americans with Disabilities Act (less than 4" off the wall located between 27"-84" from floor) (++) M minimum distance (meters) lamp - object luminaire part to be colored (F1) Ġ • Î lamp protected against explosion recessed depth luminaire part to be colored (F2) blown glass using traditional methods by master € ceiling thickness in mm luminaire part to be colored (F3) A glass blower T ceiling thickness selection luminaire part to be colored (F4) 1) 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

ball-proof (upon request)

indirect diffuser

direct diffuser

accessory

### **IP RATING**

sensor

У

2

0

2

separately switchable

available upon request

remote control

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
1965	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**

КО1	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)
КОЗ	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)
КО5	protected against 0.7 joules impact (equivalent to 0.25kg mass dropped from 280mm above the surface)
1606	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)
КОВ	protected against 5 joules impact (equivalent to 1.7kg mass dropped from 300mm above the surface)
1609	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)

protection class II, protection insulation

ETL Certified to UL and CSA Standards

UL Certified to UL and CSA Standards

CSA Certified to UL and CSA Standards

Certified for North American Standards

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