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 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): 0.47
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

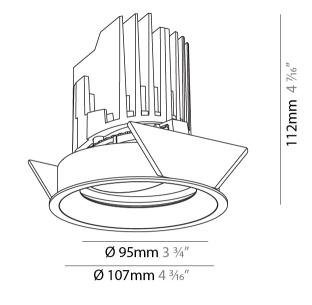
Reflector°: 10 Adjustability: Rotational 355°; Tilt 30°

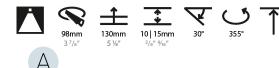
RATINGS AND CERTIFICATIONS

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

PROJECT	
ТҮРЕ	
SPECIFIER	
QUANTITY	
DATE	







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BIONIQ ROUND ADJUSTABLE RECESSED

A35224-

PROJECT			
ТҮРЕ			
SPECIFIER			
QUANTITY			
DATE			



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BIONIQ ROUND ADJUSTABLE RECESSED

A35236-

Finishes Color 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

eries: Bioniq ubseries: Bioniq Round Adjustable trand: Prolicht vivision: Architectural Aounting Type: Recessed Aounting Location: Ceiling ubcategory: Downlight VHYSICAL whape: Round viameter (mm): 107 viameter (in): 4 $\frac{3}{16}$
brand: Prolicht bivision: Architectural founting Type: Recessed founting Location: Ceiling ubcategory: Downlight PHYSICAL biameter (mm): 107 biameter (in): $4^{3}/_{16}$
Non-Normal Strengther Nounting Type: Recessed Nounting Location: Ceiling ubcategory: Downlight PHYSICAL whape: Round Diameter (mm): 107 Diameter (in): $4\frac{3}{1_{16}}$
Aounting Type: Recessed Aounting Location: Ceiling Jubcategory: Downlight PHYSICAL Johape: Round Diameter (mm): 107 Diameter (in): 4 $\frac{3}{2}_{16}$
Hounting Location: Ceiling ubcategory: Downlight PHYSICAL whape: Round viameter (mm): 107 viameter (in): 4 $\frac{2}{16}$
ubcategory: Downlight PHYSICAL shape: Round viameter (mm): 107 viameter (in): $4^{3}/_{16}$
HYSICAL shape: Round viameter (mm): 107 viameter (in): $4^{\frac{3}{2}}_{16}$
hape: Round Diameter (mm): 107 Diameter (in): $4\frac{2}{1_{16}}$
piameter (mm): 107 Diameter (in): 4^{3} / ₁₆
biameter (in): 4 ³ / ₁₆
laight (mana), 112
leight (mm): 112
leight (in): 4 ⁷ / ₁₆
eiling Thickness (mm): 10 / 12.5 / 15
eiling Thickness (in): 3/8 or 1/2 or 9/16
1in. Recessing Depth (mm): 130
Iin. Recessing Depth (in): $5\frac{1}{8}$
ight Distribution: Adjustable / Downlight
Veight (kg): 0.47
Veight (lbs): 1.04
ixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG /
OD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / GUM / CHC /
OM / ABZ / JAG / OBR / MOS / ROR
ixture Material: Aluminum Die Cast
ut-out Measurements: 98mm / 3 7/8"
LECTRICAL

Lamp Type: LED (Zhaga Standard)
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
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): 790 / 880 / 951 / 970	
Nominal Lumen (lm): 960 / 1070 / 1156 / 1180	
CRI: >90 CRI	
Efficiency (%): 0.885	
Lamp Life (hrs): 50000	

OPTICAL

Reflector°: 10	
Optic°: Lens Pack - No Lens	
Adjustability: Rotational 355°; Tilt 30°	

RATINGS AND CERTIFICATIONS

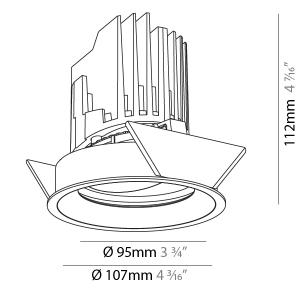
Certified By: Certified for North American Standards IP rating: IP20

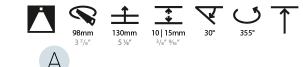
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TYPE SPECIFIER QUANTITY DATE	PROJECT	
QUANTITY	ТҮРЕ	
	SPECIFIER	
DATE	QUANTITY	
	DATE	





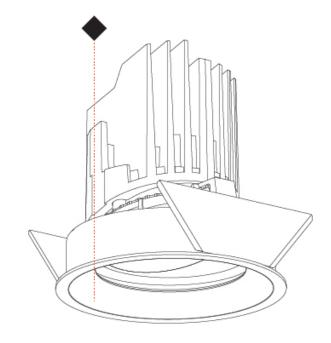


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BIONIQ ROUND ADJUSTABLE RECESSED

A35236-

PROJECT			
TYPE			
SPECIFIER			
QUANTITY			
DATE			



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BIONIQ ROUND PINHOLE RECESSED

A37864-

Finishes base number Color 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 Pinhole
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): $4\frac{7}{16}$
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 $\frac{1}{8}$
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)

Constant Current (MA): 350	
Driver Location: Recessed Housing	
Driver Included: No	
Total Output Wattage (W): 14	
Input Wattage (W): 15.5	

LED Number of LEDev 1

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	

OPTICAL

Reflector°: 20 / 40 / 60

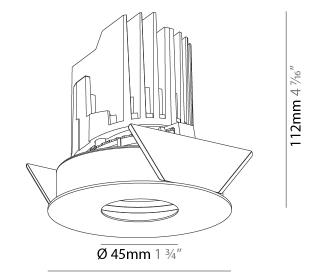
Adjustability: Rotational 355°; Tilt 30°

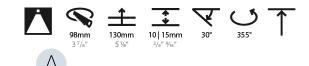
RATINGS AND CERTIFICATIONS Certified By: Certified for North American Standards

IP rating: IP20

PROJECT			
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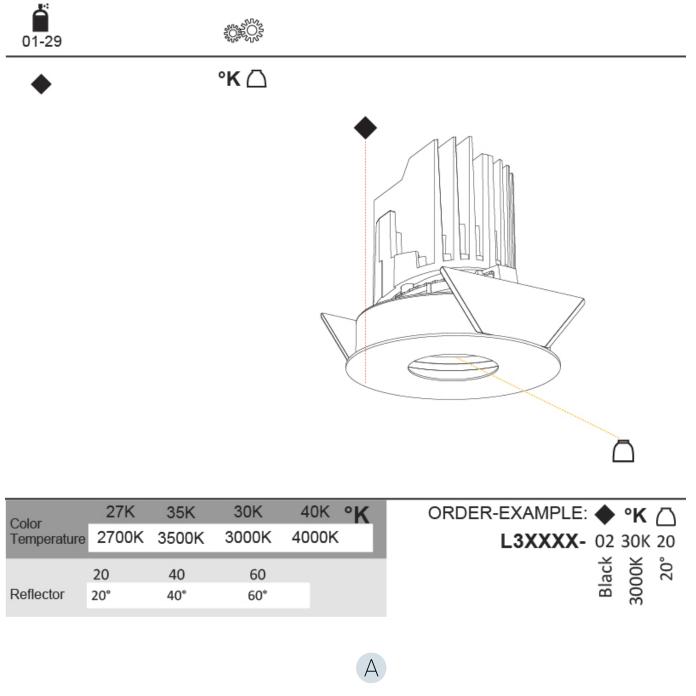
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BIONIQ ROUND PINHOLE RECESSED

A37864-

PROJECT	
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DATE	

For Color / Finish Chart & Symbology see Appendix or product page downloadable area.



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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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sensor

LEGEND

PROJECT

TYPE

SPECIFIER QUANTITY

DATE

1

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SP

(Z)

special LED (upon request) RGB, RGBW, tunable, gold+, meat+, art+, fashion+ floor-mounted Y pivotable \circledast 1 rotating warm dim / natural dimming LED wall and ceiling: recessed and surface mounted (3 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) -> \mathbb{Y} 1 CRI omni-directional light distribution length of suspension cable color rendering index direct light distribution ገ reflector degree selection °K color temperature super spot direct/indirect light distribution s s LM) lumen (luminous flux) X LM indirect light distribution lens efficacy (lumens per watt) asymmetric light distribution Q UGR lens pack Unified Glare Rating (UGR) range from 5-40 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 la 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 recessed depth luminaire part to be colored (F2) lamp protected against explosion blown glass using traditional methods by master € ceiling thickness in mm luminaire part to be colored (F3) A glass blower ceiling thickness selection luminaire part to be colored (F4) 1) acoustic material T dimmable DP (phase), DV (0-10V), DD (dali), DS luminaire part to be colored (F5) protection class I, protection insulation (step-dim)

color of 3-circuit adaptor

ball-proof (upon request)

indirect diffuser

direct diffuser

accessory

IP RATING IP20 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) IP33 protected against ingress of solid bodies greater than 1mm (wire) no protection against the ingress of moisture P40 protected against ingress of solid bodies greater than 1mm (wire) protected against sprays of water up to 60 degrees from the vertical (rain) IP43 protected against ingress of solid bodies greater than 1mm (wire) IP44 protected against water splashed from all directions protected against limited ingress of dust (wet rooms/covered outdoor areas) IP54 protected against water splashed from all directions protected against ingress of dust P65 protected against jets of water protected against ingress of dust P66

- protected against ingress of dust IP67

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D

0

U

protected against powerful jets of water or heavy seas

included or excluded LED driver/transformer/ control gear

separately switchable

available upon request

remote control

- protected against immersion of water between 15cm 1m for 30 minutes
- protected against ingress of dust P68 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

IKOT	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)
КОТ	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)
К09	protected against 10 joules impact (equivalent to 5.0kg mass dropped from 200mm above the surface)
К10	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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