

PROJECT	_____
TYPE	_____
SPECIFIER	_____
QUANTITY	_____
DATE	_____

## BIONIQ ROUND ADJUSTABLE RECESSED

**A35224-** \_\_\_\_\_

base number    Color \_\_\_\_\_    Finishes \_\_\_\_\_  
 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: 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 / 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): 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): 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



	98mm 3 7/8"	130mm 5 1/8"	10   15mm 3/8"   9/16"	30°	355°	

## BIONIQ ROUND ADJUSTABLE RECESSED

A35224-

PROJECT	_____
TYPE	_____
SPECIFIER	_____
QUANTITY	_____
DATE	_____



A

## BIONIQ ROUND ADJUSTABLE RECESSED

### A35227-

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



## BIONIQ ROUND ADJUSTABLE RECESSED

A35227-

PROJECT

TYPE

SPECIFIER

QUANTITY

DATE



PROJECT	_____
TYPE	_____
SPECIFIER	_____
QUANTITY	_____
DATE	_____

## BIONIQ ROUND ADJUSTABLE RECESSED

### A35236-

base number    Color \_\_\_\_\_    Finishes \_\_\_\_\_  
 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: 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 / 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): 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



					
98mm 3 7/8"	130mm 5 1/8"	107   15mm 4 3/16"   9/16"	30°	355°	↑

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## BIONIQ ROUND ADJUSTABLE RECESSED

A35236-

PROJECT

TYPE

SPECIFIER

QUANTITY

DATE



PROJECT	
TYPE	
SPECIFIER	
QUANTITY	
DATE	

## BIONIQ ROUND ADJUSTABLE RECESSED

### A35239-

base number	Color Temperature	Finishes (Diamond)	Reflector 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: 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

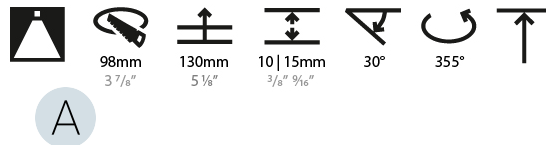
Number of LEDs: 1
Color Temperature (°K): 2700 / 3000 / 3500 / 4000
Max. Delivered Lumen (lm): 1140 / 1180 / 1245 / 1270
Nominal Lumen (lm): 1386 / 1438 / 1511 / 1542
CRI: >90 CRI
Lamp Life (hrs): 50000

#### OPTICAL

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

#### RATINGS AND CERTIFICATIONS

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



## BIONIQ ROUND ADJUSTABLE RECESSED

A35239-

PROJECT

TYPE

SPECIFIER

QUANTITY

DATE





PROJECT	_____
TYPE	_____
SPECIFIER	_____
QUANTITY	_____
DATE	_____

## BIONIQ ROUND SEMI ADJUSTABLE RECESSED

**A35290-** \_\_\_\_\_ - \_\_\_\_\_

base number    Color \_\_\_\_\_    Finishes \_\_\_\_\_  
    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: 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): 0.488  
 Weight (lbs): 1.08  
 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): 13.2 / 16.5  
 Total Output Wattage (W): 12 / 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): 850 / 950 / 1029 / 1050  
 Nominal Lumen (lm): 960 / 1070 / 1156 / 1180  
 CRI: >90 CRI  
 Efficiency (%): 0.885  
 Lamp Life (hrs): 50000

### OPTICAL

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

### RATINGS AND CERTIFICATIONS

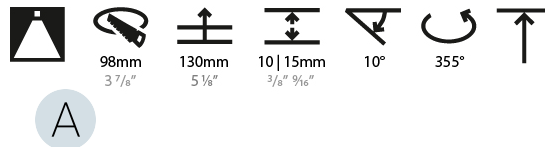
Certified By: Certified for North American Standards  
 IP rating: IP20



112mm 4 7/16"

Ø 95mm 3 3/4"

Ø 107mm 4 3/16"



## BIONIQ ROUND SEMI ADJUSTABLE RECESSED

A35290-

PROJECT

TYPE

SPECIFIER

QUANTITY

DATE



A

PROJECT	_____
TYPE	_____
SPECIFIER	_____
QUANTITY	_____
DATE	_____

## BIONIQ ROUND SEMI ADJUSTABLE RECESSED

### A35293-

base number	Color	Finishes	Reflector
	Temperature	(Diamond)	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: Bioniq  
 Subseries: Bioniq Round Semi Adjustable  
 Brand: Prolight  
 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): 0.485  
 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): 15.5  
 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): 940 / 980 / 1029 / 1050  
 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: IP20



## BIONIQ ROUND SEMI ADJUSTABLE RECESSED

A35293-

PROJECT

TYPE

SPECIFIER

QUANTITY

DATE



PROJECT	_____
TYPE	_____
SPECIFIER	_____
QUANTITY	_____
DATE	_____

## BIONIQ ROUND SEMI ADJUSTABLE RECESSED

### A35302-

base number    Color \_\_\_\_\_    Finishes \_\_\_\_\_  
 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: 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): 0.452  
 Weight (lbs): 1  
 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): 13.2 / 16.5  
 Total Output Wattage (W): 12 / 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

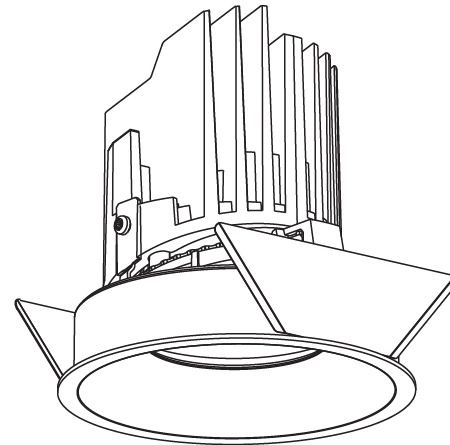
Number of LEDs: 1  
 Color Temperature (°K): 2700 / 3000 / 3500 / 4000  
 Max. Delivered Lumen (lm): 790 / 880 / 950 / 970  
 Nominal Lumen (lm): 960 / 1070 / 1156 / 1180  
 CRI: >90 CRI  
 Efficiency (%): 88.5  
 Lamp Life (hrs): 50000

#### OPTICAL

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

#### RATINGS AND CERTIFICATIONS

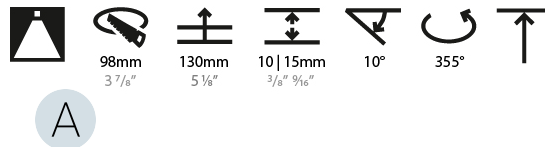
Certified By: Certified for North American Standards  
 IP rating: IP54



112mm 4 7/16"

Ø 95mm 3 3/4"

Ø 107mm 4 3/16"



## BIONIQ ROUND SEMI ADJUSTABLE RECESSED

A35302-

PROJECT

TYPE

SPECIFIER

QUANTITY

DATE



PROJECT	_____
TYPE	_____
SPECIFIER	_____
QUANTITY	_____
DATE	_____

## BIONIQ ROUND SEMI ADJUSTABLE RECESSED

### A35305-

base number	Color	Finishes	Reflector
	Temperature	(Diamond)	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: Bioniq  
 Subseries: Bioniq Round Semi Adjustable  
 Brand: Prolight  
 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

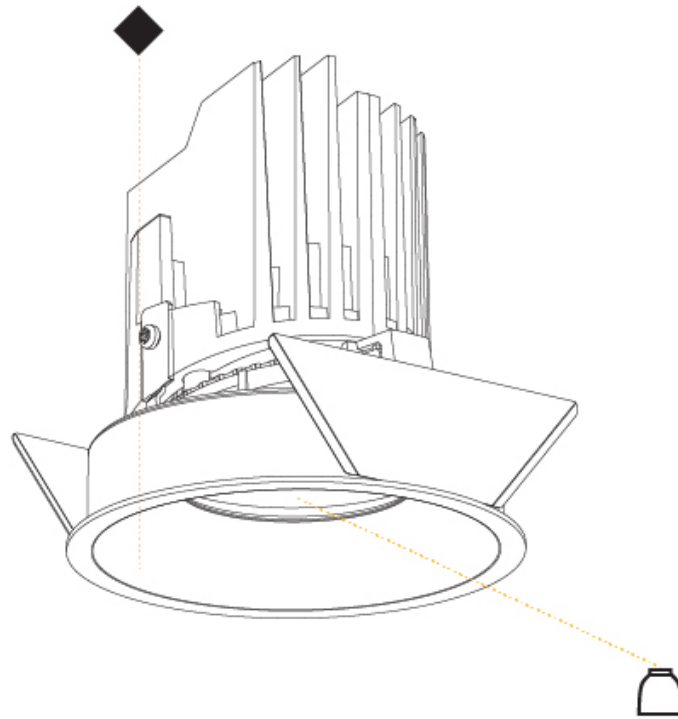
Certified By: Certified for North American Standards  
 IP rating: IP54



## BIONIQ ROUND SEMI ADJUSTABLE RECESSED

A35305-

PROJECT	_____
TYPE	_____
SPECIFIER	_____
QUANTITY	_____
DATE	_____





## BIONIQ SQUARE PINHOLE RECESSED

**A35374-** -

base number    Color    Finishes  
 Temperature    (Diamond)

PROJECT
TYPE
SPECIFIER
QUANTITY
DATE

- 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: Bioniq  
 Subseries: Bioniq Square Pinhole  
 Brand: Prolicht  
 Division: Architectural  
 Mounting Type: Recessed  
 Mounting Location: Ceiling  
 Subcategory: Downlight

### PHYSICAL

Shape: Square  
 Length (mm): 107  
 Length (in): 4 <sup>3</sup>/<sub>16</sub>"  
 Width (mm): 107  
 Width (in): 4 <sup>3</sup>/<sub>16</sub>"  
 Depth (mm): 112  
 Depth (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 <sup>1</sup>/<sub>8</sub>"  
 Light Distribution: Adjustable / Downlight  
 Weight (kg): 0.479  
 Weight (lbs): 1.06  
 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): 13.2 / 16.5  
 Total Output Wattage (W): 12 / 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

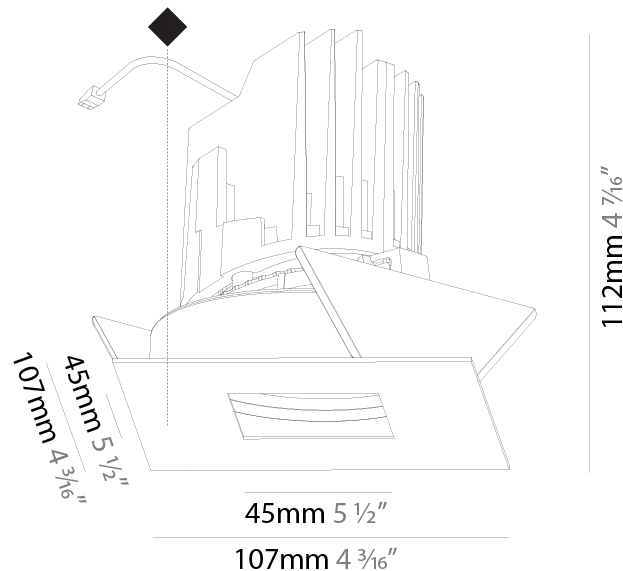
Number of LEDs: 1  
 Color Temperature (°K): 2700 / 3000 / 3500 / 4000  
 Max. Delivered Lumen (lm): 850 / 950 / 1019 / 1040  
 Nominal Lumen (lm): 960 / 1070 / 1156 / 1180  
 CRI: >90 CRI  
 Lamp Life (hrs): 50000

### OPTICAL

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

### RATINGS AND CERTIFICATIONS

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



## BIONIQ SQUARE PINHOLE RECESSED

A35374-

PROJECT

TYPE

SPECIFIER

QUANTITY

DATE



## BIONIQ SQUARE PINHOLE RECESSED

### A35377-

base number    Color    Finishes    Reflector  
 Temperature    (Diamond)    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: Bioniq  
 Subseries: Bioniq Square Pinhole  
 Brand: Prolight  
 Division: Architectural  
 Mounting Type: Recessed  
 Mounting Location: Ceiling  
 Subcategory: Downlight

#### PHYSICAL

Shape: Square  
 Length (mm): 107  
 Length (in): 4 <sup>3</sup>/<sub>16</sub>"  
 Width (mm): 107  
 Width (in): 4 <sup>3</sup>/<sub>16</sub>"  
 Depth (mm): 112  
 Depth (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 <sup>1</sup>/<sub>8</sub>"  
 Light Distribution: Adjustable / Downlight  
 Weight (kg): 0.479  
 Weight (lbs): 1.06  
 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): 940 / 980 / 1029 / 1050  
 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
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## BIONIQ SQUARE PINHOLE RECESSED

A35377-

PROJECT

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DATE	

## BIONIQ ROUND ADJUSTABLE RECESSED

**A35542-** -

base number    Finishes (Diamond)    Reflector 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: 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  
 IP rating: IP20



	98mm 3 7/8"	130mm 5 1/8"	10   15mm 3/8"   9/16"	30°	355°	
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## BIONIQ ROUND ADJUSTABLE RECESSED

A35542-

PROJECT

TYPE

SPECIFIER

QUANTITY

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## BIONIQ ROUND PINHOLE RECESSED

**A35545-** \_\_\_\_\_ - \_\_\_\_\_

base number    Finishes (Diamond)    Reflector 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: 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 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): 0.456  
 Weight (lbs): 1  
 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)  
 Total Output Wattage (W): 15  
 Dimming: Dali Dimming  
 Driver Included: No  
 Driver Location: Recessed Housing  
 Driver Type: Constant Current - 120Vac  
 Housing: See components  
 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  
 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
DATE



## BIONIQ ROUND PINHOLE RECESSED

A35545-

PROJECT

TYPE

SPECIFIER

QUANTITY

DATE



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TYPE	
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QUANTITY	
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## BIONIQ ROUND SEMI ADJUSTABLE RECESSED

### A35546-

base number Finishes (Diamond) Reflector 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: 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): 0.435  
 Weight (lbs): 0.96  
 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)  
 Total Output Wattage (W): 15  
 Dimming: Dali Dimming  
 Driver Included: No  
 Driver Location: Recessed Housing  
 Driver Type: Constant Current - 120Vac  
 Housing: See components  
 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  
 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: IP20



## BIONIQ ROUND SEMI ADJUSTABLE RECESSED

A35546-

PROJECT \_\_\_\_\_

TYPE \_\_\_\_\_

SPECIFIER \_\_\_\_\_

QUANTITY \_\_\_\_\_

DATE \_\_\_\_\_



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## BIONIQ SQUARE PINHOLE RECESSED

**A35554-** \_\_\_\_\_ - \_\_\_\_\_

base number Finishes (Diamond) Reflector 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: Bioniq  
 Subseries: Bioniq Square Pinhole  
 Brand: Prolight  
 Division: Architectural  
 Mounting Type: Recessed  
 Mounting Location: Ceiling  
 Subcategory: Downlight

### PHYSICAL

Shape: Square  
 Length (mm): 107  
 Length (in): 4 <sup>3</sup>/<sub>16</sub>"  
 Width (mm): 107  
 Width (in): 4 <sup>3</sup>/<sub>16</sub>"  
 Depth (mm): 112  
 Depth (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 <sup>1</sup>/<sub>8</sub>"  
 Light Distribution: Adjustable / Downlight  
 Weight (kg): 0.463  
 Weight (lbs): 1.02  
 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)  
 Total Output Wattage (W): 15  
 Dimming: Dali Dimming  
 Driver Included: No  
 Driver Location: Recessed Housing  
 Driver Type: Constant Current - 120Vac  
 Housing: See components  
 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  
 Lamp Life (hrs): 50000

### OPTICAL

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

### RATINGS AND CERTIFICATIONS

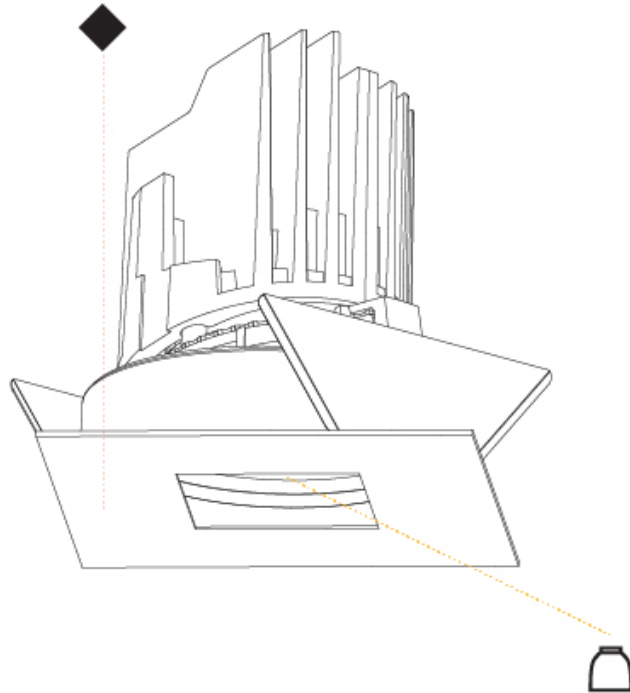
Certified By: Certified for North American Standards  
 IP rating: IP20



## BIONIQ SQUARE PINHOLE RECESSED

A35554-

PROJECT	_____
TYPE	_____
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QUANTITY	_____
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PROJECT	_____
TYPE	_____
SPECIFIER	_____
QUANTITY	_____
DATE	_____

## BIONIQ ROUND PINHOLE RECESSED

### A37861-

base number    Color    Finishes  
 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: 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 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): 0.473  
 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  
 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

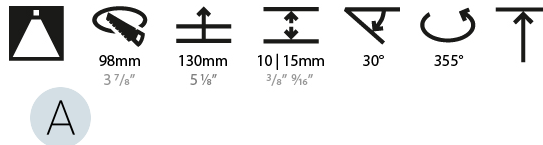
Number of LEDs: 1  
 Color Temperature (°K): 2700 / 3000 / 3500 / 4000  
 Max. Delivered Lumen (lm): 850 / 950 / 1019 / 1040  
 Nominal Lumen (lm): 960 / 1070 / 1156 / 1180  
 CRI: >90 CRI  
 Lamp Life (hrs): 50000

#### OPTICAL

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

#### RATINGS AND CERTIFICATIONS

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



## BIONIQ ROUND PINHOLE RECESSED

A37861-

PROJECT

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## BIONIQ ROUND PINHOLE RECESSED

### A37864-

base number    Color    Finishes    Reflector  
 Temperature    (Diamond)    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: Bioniq  
 Subseries: Bioniq Round Pinhole  
 Brand: Prolight  
 Division: Architectural  
 Mounting Type: Recessed  
 Mounting Location: Ceiling  
 Subcategory: Downlight

#### PHYSICAL

Shape: Round  
 Diameter (mm): 107  
 Diameter (in): 4 <sup>3</sup>/<sub>16</sub>  
 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 <sup>1</sup>/<sub>8</sub>  
 Light Distribution: Adjustable / Downlight  
 Weight (kg): 0.47  
 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): 15.5  
 Total Output Wattage (W): 14  
 Driver Included: No  
 Driver Location: Recessed Housing  
 Constant Current (MA): 350

#### 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

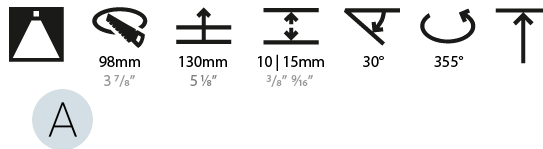
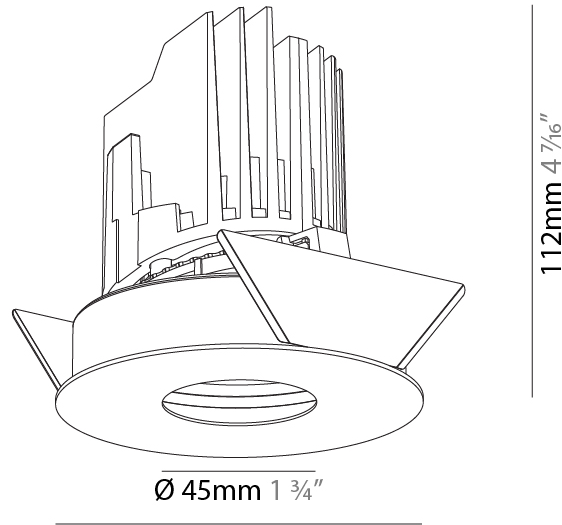
#### OPTICAL

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

#### RATINGS AND CERTIFICATIONS

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

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## BIONIQ ROUND PINHOLE RECESSED

A37864-

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



	27K	35K	30K	40K	°K
Color Temperature	2700K	3500K	3000K	4000K	
Reflector	20	40	60		
	20°	40°	60°		

ORDER-EXAMPLE: **◆ °K ▭**  
**L3XXXX-** 02 30K 20  
 Black 3000K 20°





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 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.

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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

	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)