# **BIONIQ ROUND DEEP RECESSED**

### A35275-

| 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 Deep  |
| Brand: Prolicht   |
| Division: Architectural   |
| Mounting Type: Recessed   |
| Mounting Location: Ceiling  |
| Subcategory: Downlight  |
| PHYSICAL  |
| Shape: Round  |
| Diameter (mm): 139  |
| Diameter (in): 5 1/2  |
| Height (mm): 151  |
| Height (in): 5 <sup>15</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): 170  |
| Min. Recessing Depth (in): 6 <sup>11</sup> / <sub>16</sub>  |
| Light Distribution: Downlight   |
| Weight (kg): 0.926  |
| Weight (lbs): 2.04  |
| Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG /<br>LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / GUM / CHC /<br>COM / ABZ / JAG / OBR / MOS / ROR |
| Fixture Material: Aluminum Die Cast   |
| Cut-out Measurements: 130mm / 5 1/8"  |
| ELECTRICAL  |
| Lamp Type: LED (Zhaga Standard)   |
| Input Wattage (W): 28.6   |
| Total Output Wattage (W): 26.4  |

| Total Output Wattage (W): 26.4   |
|--|
| Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only)<br>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): 700   |
|  |

### LED

| Number of LEDs: 1                                    |  |
|--|--|
| Color Temperature (°K): 2700 / 3000 / 3500 / 4000    |  |
| Max. Delivered Lumen (lm): 2030 / 2080 / 2186 / 2230 |  |
| Nominal Lumen (lm): 3210 / 3290 / 3459 / 3530        |  |
| CRI: >90 CRI   |  |
| Efficiency (%): 0.631                                |  |
| Lamp Life (hrs): 50000                               |  |

#### OPTICAL

Reflector°: 20 / 25 / 40

#### RATINGS AND CERTIFICATIONS

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

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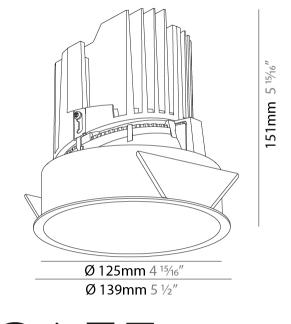
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#### -----

| DATE      |  |  |  |
|-----------|--|--|--|
| QUANTITY  |  |  |  |
| SPECIFIER |  |  |  |
| TYPE      |  |  |  |
| PROJECT   |  |  |  |







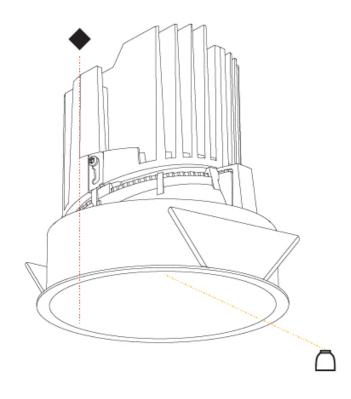
Page 1/10

# **BIONIQ ROUND DEEP RECESSED**

A35275-

PROJECT

| PROJECT   |  |  |  |
|-----------|--|--|--|
| ТҮРЕ      |  |  |  |
| SPECIFIER |  |  |  |
| QUANTITY  |  |  |  |
| DATE      |  |  |  |



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# **BIONIQ ROUND DEEP RECESSED**

### A35278-

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 Deep  |
| Brand: Prolicht   |
| Division: Architectural   |
| Mounting Type: Recessed   |
| Mounting Location: Ceiling  |
| Subcategory: Downlight  |
| PHYSICAL  |
| Shape: Round  |
| Diameter (mm): 139  |
| Diameter (in): $5\frac{1}{2}$   |
| Height (mm): 151  |
| Height (in): 5 <sup>15</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): 170  |
| Min. Recessing Depth (in): $6^{11}/_{16}$   |
| Light Distribution: Downlight   |
| Weight (kg): 0.921  |
| Weight (lbs): 2.03  |
| Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG /<br>LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / GUM / CHC /<br>COM / ABZ / JAG / OBR / MOS / ROR |
| Fixture Material: Aluminum Die Cast   |
| Cut-out Measurements: 130mm / 5 1/8"  |
| ELECTRICAL  |
| Lamp Type: LED (Zhaga Standard)   |

| 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

| Color Temperature (°K): 2700 / 3000 / 3500 / 4000  |  |
|--|--|
| Max. Delivered Lumen (lm): 870 / 970 / 1039 / 1060 |  |
| Nominal Lumen (lm): 960 / 1070 / 1156 / 1180       |  |
| CRI: >90 CRI                                       |  |
| Efficiency (%): 0.905                              |  |
| Lamp Life (hrs): 50000                             |  |

#### OPTICAL

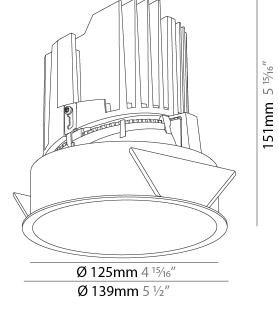
Reflector°: 10

#### **RATINGS AND CERTIFICATIONS**

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

| DATE      |  |  |  |
|-----------|--|--|--|
| QUANTITY  |  |  |  |
| SPECIFIER |  |  |  |
| ТҮРЕ      |  |  |  |
| PROJECT   |  |  |  |







Page 3/10

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# **BIONIQ ROUND DEEP RECESSED**

A35278-

-----

| PROJECT   |
|-----------|
| ТҮРЕ      |
| SPECIFIER |
| QUANTITY  |
| DATE      |
|           |





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# **BIONIQ ROUND DEEP RECESSED**

### A35284-

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 Deep  |  |
| Brand: Prolicht   |  |
| Division: Architectural   |  |
| Mounting Type: Recessed   |  |
| Mounting Location: Ceiling  |  |
| Subcategory: Downlight  |  |
| PHYSICAL  |  |
| Shape: Round  |  |
| Diameter (mm): 139  |  |
| Diameter (in): $5\frac{1}{2}$   |  |
| Height (mm): 151  |  |
| Height (in): 5 <sup>15</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): 170  |  |
| Min. Recessing Depth (in): 6 <sup>11</sup> / <sub>16</sub>  |  |
| Light Distribution: Downlight   |  |
| Weight (kg): 0.951  |  |
| Weight (lbs): 2.1   |  |
| Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA ,<br>LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / O<br>COM / ABZ / JAG / OBR / MOS / ROR |  |
| Fixture Material: Aluminum Die Cast   |  |
| Cut-out Measurements: 130mm / 5 1/8"  |  |
| ELECTRICAL  |  |
| Lamp Type: LED (Zhaga Standard)   |  |
| Input Wattage (W): 28.6   |  |
| Total Output Wattage (W): 26.4  |  |

| Total Output Wattage (W): 26.4  |   |
|---|---|
| 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   |   |
| Input Voltage (V): 120 - 277  |   |
| Constant Current (MA): 700  |   |
|   | _ |

#### LED

Number of LEDs: 1

| May Delivered Luman (Im): 1990 / 1940 / 2020 / 2000 |
|---|
| Color Temperature (°K): 2700 / 3000 / 3500 / 4000   |
|   |

| Max. Delivered Lumen (lm): 1890 / 1940 / 2038 / 2080 |
|--|
| Nominal Lumen (lm): 3210 / 3290 / 3459 / 3530        |
| CRI: >90 CRI   |
| Efficiency (%): 0.631                                |
| Lamp Life (hrs): 50000                               |
|  |

### OPTICAL

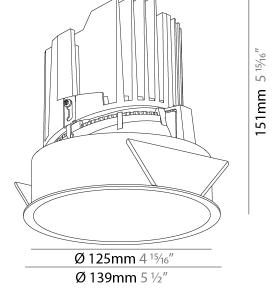
# Reflector°: 20 / 25 / 40

RATINGS AND CERTIFICATIONS

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

| PROJECT   |  |  |  |
|-----------|--|--|--|
| TYPE      |  |  |  |
| SPECIFIER |  |  |  |
| QUANTITY  |  |  |  |
| DATE      |  |  |  |







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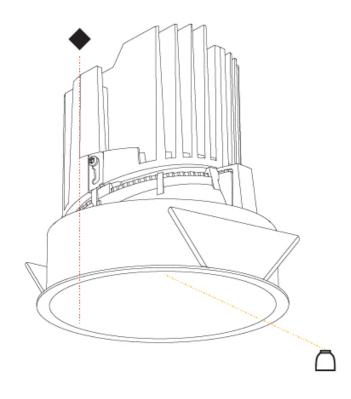
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# **BIONIQ ROUND DEEP RECESSED**

A35284-

PROJECT

| PROJECT   |  |  |  |
|-----------|--|--|--|
| ТҮРЕ      |  |  |  |
| SPECIFIER |  |  |  |
| QUANTITY  |  |  |  |
| DATE      |  |  |  |



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Д

# **BIONIQ ROUND DEEP RECESSED**

### A35287-

base number Color Finishes 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 ·Bid .....

| Subseries: Bioniq Round Deep  |
|---|
| Brand: Prolicht   |
| Division: Architectural   |
| Mounting Type: Recessed   |
| Mounting Location: Ceiling  |
| Subcategory: Downlight  |
| PHYSICAL  |
| Shape: Round  |
| Diameter (mm): 139  |
| Diameter (in): 5 <sup>1</sup> / <sub>2</sub>                                |
| Height (mm): 151  |
| Height (in): 5 <sup>15</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): 170  |
| Min. Recessing Depth (in): 6 <sup>11</sup> / <sub>16</sub>                  |
| Light Distribution: Downlight   |
| Weight (kg): 0.946  |
| Weight (lbs): 2.09  |
| 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<br>Fixture Material: Aluminum Die Cast    |
|   |
| Cut-out Measurements: 130mm / 5 1/8"  |
| 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

| N | um | iber | ot | LED | s: | 1 |  |
|---|----|------|----|-----|----|---|--|
| _ |    |      |    |     |    |   |  |

| Color Temperature (°K): 2700 / 3000 / 3500 / 4000 |
|---|
| Max. Delivered Lumen (lm): 810 / 900 / 970 / 990  |
| Nominal Lumen (lm): 960 / 1070 / 1156 / 1180      |
| CRI: >90 CRI                                      |
| Efficiency (%): 0.905                             |
| Lamp Life (hrs): 50000                            |
|   |

#### OPTICAL

Reflector°: 10

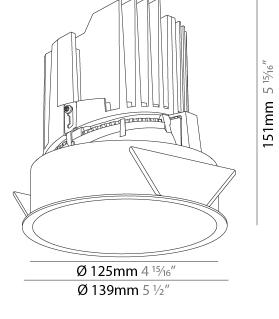
#### **RATINGS AND CERTIFICATIONS**

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

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| PROJECT   |  |  |  |
|-----------|--|--|--|
| TYPE      |  |  |  |
| SPECIFIER |  |  |  |
| QUANTITY  |  |  |  |
| DATE      |  |  |  |







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Page 7/10

# **BIONIQ ROUND DEEP RECESSED**

A35287-

-----

| PROJECT   |  |  |  |
|-----------|--|--|--|
| ТҮРЕ      |  |  |  |
| SPECIFIER |  |  |  |
| QUANTITY  |  |  |  |
| DATE      |  |  |  |



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Д

# 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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## BIONIQ

LEGEND

PROJECT

TYPE

SPECIFIER QUANTITY

DATE

#### special LED (upon request) RGB, RGBW, tunable, gold+, meat+, art+, fashion+ 1 floor-mounted Y pivotable 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 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 protection class II, protection insulation $\odot$ У indirect diffuser 1 separately switchable ETL Certified to UL and CSA Standards 2 sensor D direct diffuser 6 UL Certified to UL and CSA Standards 0 $\odot$ ball-proof (upon request) SP CSA Certified to UL and CSA Standards remote control U (Z) 2 available upon request accessory Certified for North American Standards

## **IP RATING**

| IP20 | protected against ingress of solid bodies greater than 12.5mm (finger)   |
|------|--|
| IP33 | protected against ingress of solid bodies greater than 2.5mm<br>protected against sprays of water up to 60 degrees from the vertical (rain)      |
| IP40 | protected against ingress of solid bodies greater than 1mm (wire)<br>no protection against the ingress of moisture                               |
| IP43 | protected against ingress of solid bodies greater than 1mm (wire)<br>protected against sprays of water up to 60 degrees from the vertical (rain) |
| IP44 | protected against ingress of solid bodies greater than 1mm (wire)<br>protected against water splashed from all directions                        |
| IP54 | protected against limited ingress of dust (wet rooms/covered outdoor areas)<br>protected against water splashed from all directions              |
| 1965 | protected against ingress of dust<br>protected against jets of water   |
| 1966 | protected against ingress of dust<br>protected against powerful jets of water or heavy seas  |
| 1967 | protected against ingress of dust<br>protected against immersion of water between 15cm - 1m for 30 minutes                                       |
| IP68 | protected against ingress of dust<br>protected against immersion of water under pressure for long periods  |

#### 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<br>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)   |
| КО4  | 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)      |

September 26, 2024, 10:57 am