

## **BIONIQ ROUND ADJUSTABLE TRIMLESS**

| A35185      | -       |             | -         | -         | -         |
|-------------|---------|-------------|-----------|-----------|-----------|
| base number | LED     | Color       | Finishes  | Ceiling   | Reflector |
|             | Dimming | Temperature | (Diamond) | Thickness | Options   |

1.To build a product code in our configurator select the specify button on the base model # product page

2. To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #

#### **GENERAL**

| Series: Bioniq                     |  |
|------------------------------------|--|
| Subseries: Bioniq Round Adjustable |  |
| Brand: Prolicht                    |  |
| Division: Architectural            |  |
| Mounting Type: Trimless            |  |
| Mounting Location: Ceiling         |  |
| Subcategory: Downlight             |  |

| PHYSICAL  |  |
|---|--|
| Shape: Round  |  |
| Diameter (mm): 136                                  |  |
| Diameter (in): 5 3/8                                |  |
| Height (mm): 136                                    |  |
| Height (in): 5 1/8                                  |  |
| Ceiling Thickness (mm): 10 / 12.5 / 15 / 25         |  |
| Ceiling Thickness (in): 3/8 or 1/2 or 9/16 or 1     |  |
| Min. Recessing Depth (mm): 150                      |  |
| Min. Recessing Depth (in): 5 \(^{7}\)/ <sub>8</sub> |  |
| Light Distribution: Adjustable / Downlight          |  |
| Weight (kg): 1.024                                  |  |
| Weight (lbs): 2.25                                  |  |

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: 

■ 140mm / 5 1/2" Upon Request: Unique Ceiling Thickness

#### **ELECTRICAL**

Lamp Type: LED (Zhaga Standard) Input Wattage (W): 28.6 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 Housing: See components Input Voltage (V): 120 - 277

#### LED

Number of LEDs: 1

Constant Current (MA): 700

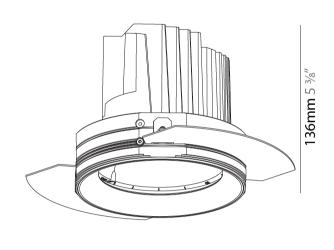
Color Temperature (°K): 2700 / 3000 / 3500 / 4000 Max. Delivered Lumen (lm): 2030 / 2080 / 2185 / 2230 Nominal Lumen (lm): 3210 / 3290 / 3459 / 3530 CRI: >90 CRI Efficiency (%): 63.1 / 61.5 / 63.2 Lamp Life (hrs): 50000 Upon Request: RGB-W Tunable White Special Color Temperature

### Special LED OPTICAL

| Reflector <sup>o</sup> : 20 / 25 / 40    |
|--|
| Adjustability: Rotational 355°; Tilt 30° |
| Unon Request: Special Beam Angles        |

PROJECT TYPE SPECIFIER QUANTITY DATE





Ø 136mm 5 3/8"

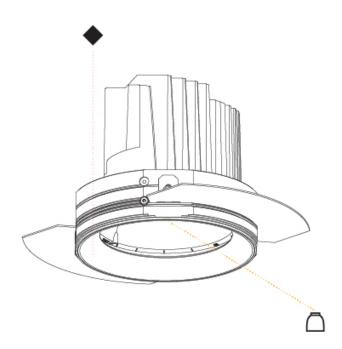




# **BIONIQ ROUND ADJUSTABLE TRIMLESS**

A35185-

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







### **BIONIQ ROUND DEEP RECESSED**

#### A35275-

base number

Color Finishes Reflet Temperature (Diamond) Option

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       |  |

| Mounting Location: Ceiling   |
|--|
| Subcategory: Downlight   |
| PHYSICAL   |
| Shape: Round   |
| Diameter (mm): 139   |
| Diameter (in): 5 ½   |
| Height (mm): 151   |
| Height (in): 5 15/16   |
| 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): 0.926   |
| Weight (lbs): 2.04   |
| First Seriel CCD / DIO/ / CDV / LIAD / LIET / ITA / DLIA / ETC / ANG |

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: 130mm / 5 1/8"

#### **ELECTRICAL**

Lamp Type: LED (Zhaga Standard)

Input Wattage (W): 28.6

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

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

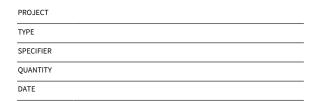
#### OPTICAL

Reflector°: 20 / 25 / 40

#### **RATINGS AND CERTIFICATIONS**

Certified By: Certified for North American Standards

IP rating: IP20

















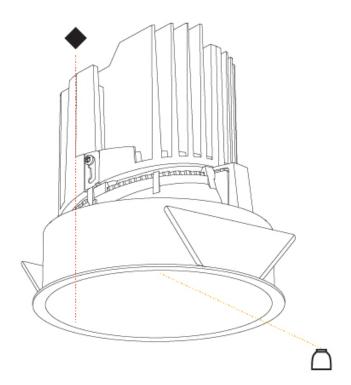




# **BIONIQ ROUND DEEP RECESSED**

A35275-

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







### **BIONIQ**

COLOR FINISH CHART

| 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 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.





# **BIONIQ**

## **LEGEND**

| <u></u>               | floor-mounted  | ¥        | pivotable  | *          | special LED (upon request) RGB, RGBW, tunable,<br>gold+, meat+, art+, fashion+                 |
|-----------------------|--|----------|--|------------|--|
| 7                     | wall and ceiling: recessed and surface mounted               | C        | rotating   | 0          | warm dim / natural dimming LED   |
| $\overline{\uparrow}$ | ceiling-mounted and wall-mounted                             | Œ        | illuminate tilted  | 0          | rechargeable battery powered   |
| $\rightarrow$         | wall-mounted   | I        | color of suspension cable                                    |            | fixture with natural vivid LED (upon request)  |
| Y                     | omni-directional light distribution                          | ↓        | length of suspension cable                                   | CRI        | color rendering index  |
| À                     | direct light distribution                                    |          | reflector degree selection                                   | <b>℃</b> K | color temperature  |
| X                     | direct/indirect light distribution                           | s s      | super spot   | LM         | lumen (luminous flux)  |
| Y                     | indirect light distribution                                  | *        | lens   | ₩          | efficacy (lumens per watt)   |
|                       | asymmetric light distribution                                | 8        | lens pack  | UGR        | Unified Glare Rating (UGR) range from 5-40   |
| Ā                     | aura light distribution                                      | 0        | shine ring   | *          | marine grade (AISI 316 stainless steel)  |
| R                     | round wall or ceiling cut-out                                | 0        | integrated shine ring with diffuser                          | 30         | walk on  |
| Z)                    | square wall or ceiling cut-out                               |          | free individual colors 01-29                                 | <b>9</b>   | drive on   |
| <b>€</b> €            | the supplied jig specifies the cutout dimensions             | Ċ        | individual colors: 00 (free of charge), 01-25 (extra charge) | DSC        | Dark Sky Compliance  |
| <b>d</b> •+           | minimum distance (meters) lamp - object                      | •        | luminaire part to be colored (F1)                            | Ġ          | Americans with Disabilities Act (less than 4" off the wall located between 27"-84" from floor) |
| $\hat{\pm}$           | recessed depth   |          | luminaire part to be colored (F2)                            |            | lamp protected against explosion   |
| <b></b>               | ceiling thickness in mm                                      |          | luminaire part to be colored (F3)                            |            | blown glass using traditional methods by master glass blower                                   |
| 1                     | 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 l, protection insulation  |
| -C                    | included or excluded LED driver/transformer/<br>control gear | •        | color of 3-circuit adaptor                                   |            | protection class II, protection insulation   |
| $\mathcal{S}$         | separately switchable  | $\odot$  | indirect diffuser  | . <b>.</b> | ETL Certified to UL and CSA Standards  |
| <b>•</b> <i>y</i>     | sensor   | 0        | direct diffuser  | շՄՆա       | UL Certified to UL and CSA Standards   |
|                       | remote control   | <b>®</b> | ball-proof (upon request)                                    | <b>®</b> : | CSA Certified to UL and CSA Standards  |
| J                     | available upon request                                       | 0        | accessory  | <b>②</b>   | 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 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              |
| IP65 | 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**

| 100000 | 288 (400 C) - 26 5 (100 C) - 26 5 ( |
|--------|---|
| IK02   | protected against 0.2 joules impact (equivalent to 0.25kg mass dropped from 80mm above the surface)   |
| ІКОЗ   | 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)  |
| IK05   | protected against 0.7 joules impact (equivalent to 0.25kg mass dropped from 280mm above the surface)  |
| IK06   | 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) $$  |
| IK08   | protected against 5 joules impact (equivalent to 1.7kg mass dropped from 300mm above the surface)   |
| IK09   | 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)

protected against 0.14 joules impact (equivalent to 0.25kg mass dropped from 56mm above the surface)