

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 Square Pinhole Brand: Prolicht Division: Architectural Mounting Type: Recessed Mounting Location: Ceiling

Subcategory: Downlight **PHYSICAL** Shape: Square Length (mm): 107 Length (in): 4 1/16 Width (mm): 107 Width (in): 4 1/16 Depth (mm): 112 Depth (in): 4 1/16 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): 0.479 Weight (lbs): 1.06

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 / 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

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**

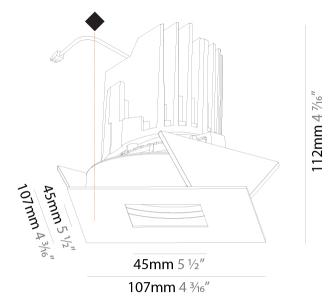
Certified By: Certified for North American Standards

IP rating: IP20

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**PROJECT** TYPE SPECIFIER QUANTITY DATE







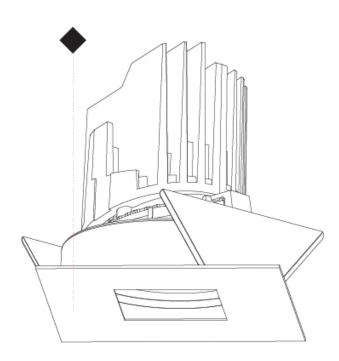


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A35377						
base number	Color	Finishes	Reflector			
	Temperature	(Diamond)	Options			

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#### **GENERAL**

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

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 1/8	
Light Distribution: Adjustable / Downlight	
Weight (kg): 0.479	
Weight (lbs): 1.06	
Fixture Finish: SSR / BKV / CWL / CRY / HAB / UFT / ITA / RUA / FTG / MYG	: /

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): 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**

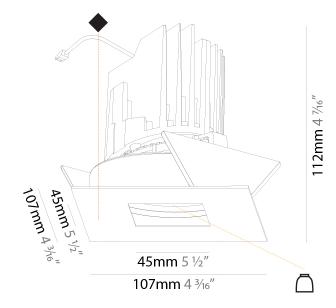
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IP rating: IP20

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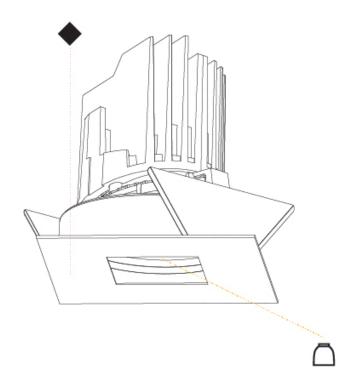






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## **BIONIQ**

COLOR FINISH CHART

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#### **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**

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# **LEGEND**

↓ fl	Andrewski historical and the second second				
	loor-mounted	¥	pivotable	⊛	special LED (upon request) RGB, RGBW, tunable, gold+, meat+, art+, fashion+
<b>↗</b> w	wall and ceiling: recessed and surface mounted	S	rotating	0	warm dim / natural dimming LED
↑ ce	ceiling-mounted and wall-mounted	Œ	illuminate tilted	0	rechargeable battery powered
$\rightarrow   w$	wall-mounted	T	color of suspension cable	71400	fixture with natural vivid LED (upon request)
<b>Y</b> 0	omni-directional light distribution	<b></b>	length of suspension cable	CRI	color rendering index
<b>∆</b> d	direct light distribution		reflector degree selection	(K)	color temperature
d	direct/indirect light distribution	s s	super spot	(X)	lumen (luminous flux)
in in	ndirect light distribution	*	lens	(₹	efficacy (lumens per watt)
a	asymmetric light distribution	8	lens pack	UGR	Unified Glare Rating (UGR) range from 5-40
a	aura light distribution	0	shine ring	€	marine grade (AISI 316 stainless steel)
ℴ ro	ound wall or ceiling cut-out	$\odot$	integrated shine ring with diffuser	3	walk on
<b>△</b> so	square wall or ceiling cut-out		free individual colors 01-29	<b>②</b>	drive on
€ th	he supplied jig specifies the cutout dimensions	0	individual colors: 00 (free of charge), 01-25 (extra charge)	OSC	Dark Sky Compliance
O+.→ m	ninimum distance (meters) lamp - object	<b>♦</b>	luminaire part to be colored (F1)	Ġ	Americans with Disabilities Act (less than 4" off the wall located between 27"-84" from floor)
<u></u> re	ecessed depth		luminaire part to be colored (F2)		lamp protected against explosion
<u></u> C€	eiling thickness in mm		luminaire part to be colored (F3)		blown glass using traditional methods by master glass blower
<b>1</b> C6	eiling thickness selection		luminaire part to be colored (F4)		acoustic material
== (s	dimmable DP (phase), DV (0-10V), DD (dali), DS step-dim)	•	luminaire part to be colored (F5)		protection class I, protection insulation
in co	ncluded or excluded LED driver/transformer/ control gear		color of 3-circuit adaptor		protection class II, protection insulation
ひ se	separately switchable	$\odot$	indirect diffuser		ETL Certified to UL and CSA Standards
**// se	sensor	0	direct diffuser	։ (Մ) us	UL Certified to UL and CSA Standards
€ re	emote control	0	ball-proof (upon request)	<b>(B)</b>	CSA Certified to UL and CSA Standards
<b>J</b> av	available upon request	9	accessory	$\mathbf{Z}$	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**

above the surface)

IK02	above the surface)
IK03	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

protected against 0.2 joules impact (equivalent to 0.25kg mass dropped from 80mm