## **BIONIQ SQUARE ADJUSTABLE RECESSED**

### A35356-

base number	Color Temperature	Finishes (Diamond)	Finishes (Triangle)	Reflector 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

VENEIVIE	
Series: Bioniq	
Subseries: Bioniq Square Adjustable	
Brand: Prolicht	
Division: Architectural	
Mounting Type: Recessed	
Mounting Location: Ceiling	
Subcategory: Downlight	
PHYSICAL	
Shape: Square	
Length (mm): 119	
Length (in): 4 <sup>11</sup> / <sub>16</sub>	
Width (mm): 119	
Width (in): 4 <sup>11</sup> / <sub>16</sub>	
Depth (mm): 132	
Depth (in): $5\frac{3}{5}$	
Ceiling Thickness (mm): 10 / 12.5 / 15	
Ceiling Thickness (in): 3/8 or 1/2 or 9/16	
Min. Recessing Depth (mm): 150	
Min. Recessing Depth (in): $5\frac{7}{8}$	
Light Distribution: Adjustable / Downlight	
Weight (kg): 0.542	
Weight (lbs): 1.2	
Fixture Finish: SSR / BKV / CWI / CRY / HAB / LAG / UFT / ITA / RUA	/ RUR /
MIC / FTG / MYG / TWT / LOD / PUS / FRO / FUP / KIA / POP / BLS / S	SPG /
MEY / GOH / GUM / CHC / COM / ABZ / JAG / OBR / MOS / ROR	
Fixture Material: Aluminum Die Cast	
Cut-out Measurements: 114mm / 4 1/2" x 114mm / 4 1/2"	
ELECTRICAL	
Lamp Type: LED	
Input Wattage (W): 16.5	
Total Output Wattage (W): 14	
Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac o and 0-10V Dimming)	nly)
Driver Included: No	
Driver Location: Recessed Housing	
Driver Type: Constant Current - Universal	
Driver Class: Class 2	
Housing: See components	
here ut ) (alta as ()), 120, 277	

#### LED

#### Number of LEDs: 1

Input Voltage (V): 120 - 277

Constant Current (MA): 500

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

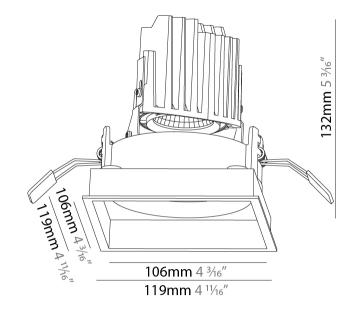
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DATE			
QUANTITY			
SPECIFIER			
TYPE			
PROJECT			







### **BIONIQ SQUARE ADJUSTABLE RECESSED**

A35356-

PROJECT

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### **BIONIQ SQUARE ADJUSTABLE RECESSED**

#### A35359-

base number	Color	Finishes	Finishes
	Temperature	(Diamond)	(Triangle)

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

-	
Se	eries: Bioniq
Sι	ıbseries: Bioniq Square Adjustable
Br	rand: Prolicht
Di	vision: Architectural
М	ounting Type: Recessed
М	ounting Location: Ceiling
Sι	ıbcategory: Downlight
Ы	HYSICAL
Sł	nape: Square
Le	ength (mm): 119
Le	ength (in): 4 <sup>11</sup> / <sub>16</sub>
W	idth (mm): 119
	idth (in): 4 <sup>11</sup> / <sub>16</sub>
	epth (mm): 132
	epth (in): $5^{3}_{16}$
	eiling Thickness (mm): 10 / 12.5 / 15
	eiling Thickness (in): 3/8 or 1/2 or 9/16
	in. Recessing Depth (mm): 200
	in. Recessing Depth (in): $7\frac{7}{8}$
	ght Distribution: Adjustable / Downlight
_	eight (kg): 0.544
	eight (lbs): 1.2
	xture Finish: SSR / BKV / CWI / CRY / HAB / LAG / UFT / ITA / RUA / RUR /
	IC / FTG / MYG / TWT / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG /
	EY / GOH / GUM / CHC / COM / ABZ / JAG / OBR / MOS / ROR
_	xture Material: Aluminum Die Cast
	ut-out Measurements: 114mm / 4 1/2" x 114mm / 4 1/2"
	ECTRICAL
	amp Type: LED (Zhaga Standard)
	put Wattage (W): 13.2 / 16.5
	otal Output Wattage (W): 12 / 14
	mming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) nd 0-10V Dimming)
Di	iver Included: No
Di	river Location: Recessed Housing
Di	iver Type: Constant Current - Universal
Di	iver Class: Class 2
H	ousing: See components
	put Voltage (V): 120 - 277
<u>C</u>	onstant Current (MA): 350
LE	Ð
N	umber of LEDs: 1
Co	olor Temperature (°K): 2700 / 3000 / 3500 / 4000
Ν.4	ax Delivered Lumen (lm): 850 / 950 / 1019 / 1040

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

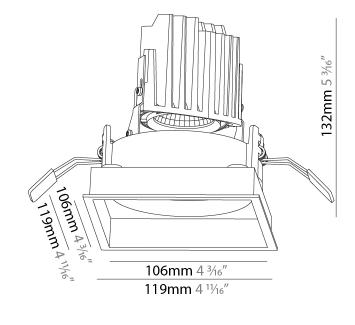
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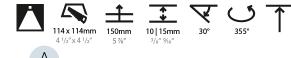
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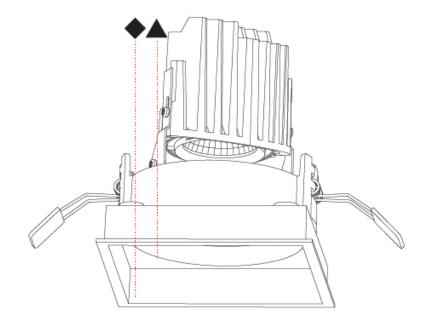
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### **BIONIQ SQUARE ADJUSTABLE RECESSED**

A35359-

PROJECT

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# **BIONIQ SQUARE ADJUSTABLE TRIMLESS**

#### A37884-

base number	LED	Color	Finishes	Finishes	Ceiling
	Dimming	Temperature	(Diamond)	(Triangle)	Thickness

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 Adjustable	
Brand: Prolicht	
Division: Architectural	
Mounting Type: Trimless	
Mounting Location: Ceiling	
Subcategory: Downlight	
PHYSICAL	
Shape: Square	
Diameter (mm): 95	
Diameter (in): 3 <sup>3</sup> / <sub>4</sub>	
Length (mm): 106	
Length (in): $4\frac{3}{16}$	
Width (mm): 106	
Width (in): $4\frac{3}{16}$	
Height (mm): 134	
Height (in): $5\frac{1}{4}$	
Ceiling Thickness (mm): 10 / 12.5 / 15 / 25	
Ceiling Thickness (in): 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): $5\frac{7}{8}$	
Light Distribution: Adjustable / Downlight	
Weight (kg): 0.657	
Weight (lbs): 1.45	
Fixture Finish: SSR / BKV / CWI / CRY / HAB / LAG / UFT / ITA / RUA MIC / FTG / MYG / TWT / LOD / PUS / FRO / FUP / KIA / POP / BLS /	
MEY / GOH / GUM / CHC / COM / ABZ / JAG / OBR / MOS / ROR	
Fixture Material: Aluminum Die Cast	
Cut-out Measurements: 120mm / 4 3/4" x 120mm / 4 3/4"	
Upon Request: Unique Ceiling Thickness	
ELECTRICAL	
Lamp Type: LED (Zhaga Standard)	
Input Wattage (W): 13.2 (2700K) / 16.5	
Total Output Wattage (W): 12 (2700K) / 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	

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 (%): 88.5
Lamp Life (hrs): 50000
Upon Request: RGB-W Tunable White Special Color Temperature Special LED
OPTICAL

#### Reflector°: 10

Adjustability: Rotational 355°; Tilt 30°

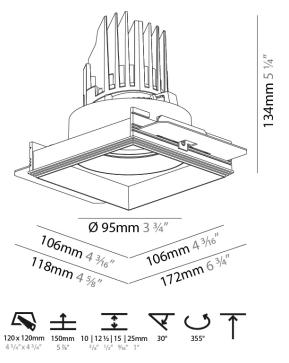
Upon Request: Special Beam Angles

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PROJECT			
TYPE			
SPECIFIER			
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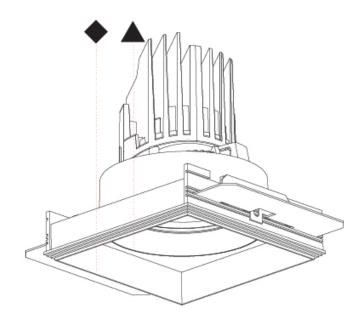


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# **BIONIQ SQUARE ADJUSTABLE TRIMLESS**

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# **BIONIQ SQUARE ADJUSTABLE TRIMLESS**

1. To build a product code in our configurator select the specify button on

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 #

Finishes

(Triangle)

Ceiling

Thickness

Reflector

Options

A37887	-		-	-
base number	LED Dimming	Color Temperature	Finishes (Diamond)	

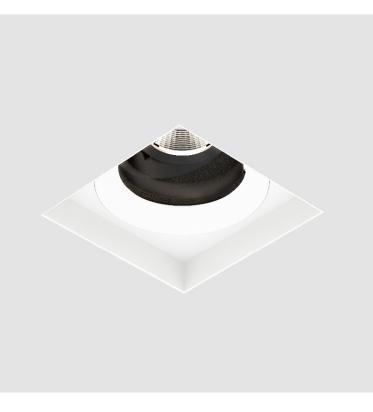
the base model # product page

Subseries: Bioniq Square Adjustable

GENERAL Series: Bioniq

Brand: Prolicht **Division:** Architectural Mounting Type: Trimless Mounting Location: Ceiling PROJECT

FROJECT		
TYPE		
SPECIFIER		
QUANTITY		
DATE		



mounting	Location. centing
Subcatego	ory: Downlight
PHYSICAL	L
Shape: Sq	luare
Diameter	•
Diameter	-
Length (m	nm): 106
Length (in	
Width (mr	. 10
Width (in)	· · ·
Height (m	
Height (in	
	iickness (mm): 10 / 12.5 / 15 / 25
	ickness (in): 3/8 or 1/2 or 9/16 or 1
	ssing Depth (mm): 150
	ssing Depth (in): 5 <sup>7</sup> / <sub>8</sub>
	ribution: Adjustable / Downlight
Weight (kg	
Weight (lb	-
	nish: SSR / BKV / CWI / CRY / HAB / LAG / UFT / ITA / RUA / RUR /
	/ MYG / TWT / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG /
MEY / GOH	H / GUM / CHC / COM / ABZ / JAG / OBR / MOS / ROR
Fixture Ma	aterial: Aluminum Die Cast
Cut-out M	leasurements: 120mm / 4 3/4" x 120mm / 4 3/4"
Upon Req	uest: Unique Ceiling Thickness
ELECTRIC	CAL
Lamp Typ	e: LED (Zhaga Standard)
Input Wat	tage (W): 16.5
Total Out	put Wattage (W): 14.5
Dimming:	Tri-Mode (Non-Dimming and Phase Dimming (120Vac only)
and 0-10V	( Dimming)
Driver Incl	luded: No
Driver Loc	cation: Recessed Housing
Driver Typ	pe: Constant Current - Universal
	ss: Class 2
Housing: S	See components
Input Volt	age (V): 120 - 277
Constant	Current (MA): 500
LED	
Number o	of LEDs: 1
Color Tem	nperature (°K): 2700 / 3000 / 3500 / 4000
Max. Deliv	vered Lumen (lm): 940 / 980 / 1029 / 1050
Nominal L	Lumen (lm): 1386 / 1438 / 1511 / 1542
CRI: >90 C	RI
	(04), 07 0 / 00 4 / 07 0

rature	$ \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \end{array}\\ 120 \times 120 \text{mm}\\ 4^{3}/4^{*} \times 4^{3}/4^{*} \\ \end{array} \\ \begin{array}{c} \end{array} \\ \begin{array}{c} \end{array} \\ 15 \ \%^{*} \\ \end{array} \\ \begin{array}{c} \end{array} \\ \begin{array}{c} \end{array} \\ 10 \   12 \ 12 \ 15 \\ 15 \ \%^{*} \\ \end{array} \\ \begin{array}{c} \end{array} \\ \end{array} \\$

OPTICAL Reflector°: 20 / 40 / 60

Lamp Life (hrs): 50000

Special LED

Adjustability: Rotational 355°; Tilt 30°

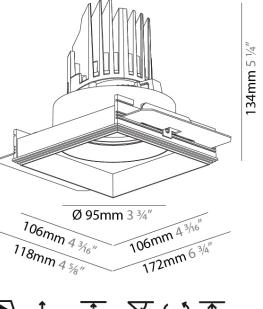
Efficiency (%): 87.9 / 88.4 / 87.9

Upon Request: Special Beam Angles

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Upon Request: RGB-W Tunable White Special Color Temper

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# **BIONIQ SQUARE ADJUSTABLE TRIMLESS**

A37887-

PROJECT

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SPECIFIER	
QUANTITY	
DATE	



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### **BIONIQ** COLOR FINISH CHART

**Fixture Finish** 

PRO IFCT

PROJECT				
ТҮРЕ	-			
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QUANTITY				
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Sparkling Silver - 01 (SSR)	Black Velvet - 02 (BKV)	Crystal White - 03 (CWI)	Creamy - 04 (CRY)	Hampton Bay - 05 (HAB)	Lagoon - 06 (LAG)
Urban Forest - 07 (UFT)	In the Army - 08 (ITA)	Rusty Angel - 09 (RUA)	Rusty Rush - 10 (RUR)	Milk and Chocolate - 11 (MIC)	Fade to Gray - 12 (FTG)
Mysterious Gray - 13 (MYG)	Twilight - 14 (TWT)	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 betwee Physical: When texture is involved, there will be variations in color, character and tone within a pro

and between product families.

Gun Metal: No Gun Metal finish is alike. It combines a mixture of transparent and black color particles and success a highly individual effect and no luminaire being identical.

### BIONIQ

LEGEND

PROJECT

TYPE

SPECIFIER QUANTITY

DATE

#### special LED (upon request) RGB, RGBW, tunable, gold+, meat+, art+, fashion+ 1 floor-mounted Y pivotable $\circledast$ 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) -> 111 $\mathbb{Y}$ 1 CRI omni-directional light distribution 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 0 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 protected against sprays of water up to 60 degrees from the vertical (rain)
1940	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
1965	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**

КО1	protected against 0.14 joules impact (equivalent to 0.25kg mass dropped from 56mm 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)

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