## **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

GENERAL	
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): $4\frac{11}{16}$	
Width (mm): 119	
Width (in): 4 <sup>11</sup> / <sub>16</sub>	
Depth (mm): 132	
Depth (in): $5\frac{3}{16}$	
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 / UFT / ITA / RUA / FT	G / MYG /
LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / GUN	
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 and 0-10V Dimming)	c only)
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	

Lamp Life (hrs): 50000	
CRI: >90 CRI	
Nominal Lumen (lm): 1386 / 1438 / 1511 / 1542	
Max. Delivered Lumen (lm): 940 / 980 / 1029 / 1050	

#### OPTICAL

Reflector°: 20 / 40 / 60

Adjustability: Rotational 355°; Tilt 30°

#### **RATINGS AND CERTIFICATIONS**

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

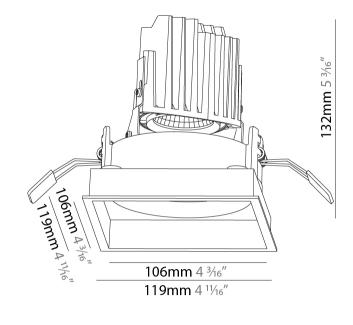
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Available for International specifications by adding 'INT' at the end of the existing Model #. For assistance on 'custom' specifications, contact zteam@zaneen.com.

In a constant effort to supply the best product, we reserve the right to change specifications or materials without notice. The most recent specification sheets are found at zaneen.com

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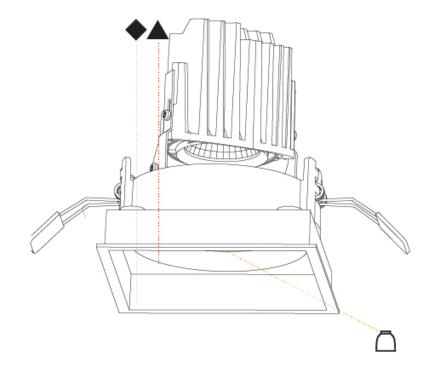
Page 1/8

## **BIONIQ SQUARE ADJUSTABLE RECESSED**

A35356-

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QUANTITY			
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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

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): $4\frac{11}{16}$	
Depth (mm): 132	
Depth (in): $5^{3}_{16}$	
Ceiling Thickness (mm): 10 / 12.5 / 15	
Ceiling Thickness (in): 3/8 or 1/2 or 9/16	
Min. Recessing Depth (mm): 200	
Min. Recessing Depth (in): $7\frac{7}{8}$	
Light Distribution: Adjustable / Downlight	
Weight (kg): 0.544	
Weight (lbs): 1.2	
Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / F LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / GU	
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 (Zhaga Standard)	
Input Wattage (W): 13.2 / 16.5	
Total Output Wattage (W): 12 / 14	
Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Va and 0-10V Dimming)	ic only)
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
<b>C</b> 101.		0.01

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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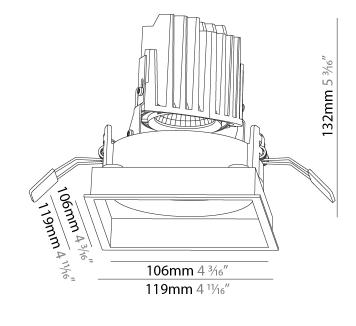
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QUANTITY			
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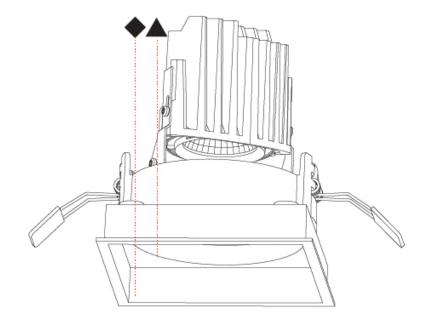




## **BIONIQ SQUARE ADJUSTABLE RECESSED**

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## **BIONIQ SQUARE ADJUSTABLE RECESSED**

#### A35550-

base number Finishes Finishes Reflector (Diamond) (Triangle) 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 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 <sup>3</sup> / <sub>16</sub>
Min. Recessing Depth (mm): 150
Min. Recessing Depth (in): 5 $\frac{7}{8}$
Light Distribution: Adjustable / Downlight
Weight (kg): 0.544
Weight (lbs): 1.2
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: 114mm / 4 1/2" x 114mm / 4 1/2"
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

Color Temperature (°K): Warm Dim	
Max. Delivered Lumen (lm): 760	
Nominal Lumen (lm): 1140	
CRI: >90 CRI	
Lamp Life (hrs): 50000	

#### OPTICAL

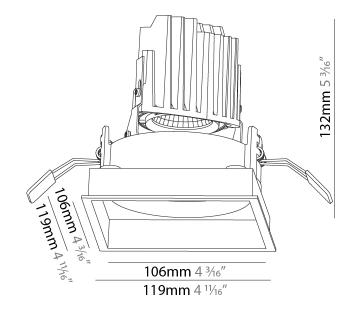
Reflector°: 20 / 40 / 60 Adjustability: Rotational 355°; Tilt 30°

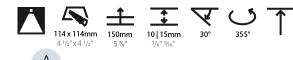
#### RATINGS AND CERTIFICATIONS

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

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## **BIONIQ SQUARE ADJUSTABLE RECESSED**

A35550-

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## BIONIQ

**Fixture Finish** 

PROJECT

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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.

Available for International specifications by adding 'INT' at the end of the existing Model #. For assistance on 'custom' specifications, contact zteam@zaneen.com.

### BIONIQ

LEGEND

PROJECT

TYPE

SPECIFIER QUANTITY

DATE

#### Special LED (upon request) RGB, RGBW, tunable, gold+, meat+, art+, fashion+ 1 floor-mounted **V** pivotable 1 U rotating wall and ceiling: recessed and surface mounted 0 warm dim / natural dimming LED Î Œ illuminate tilted ceiling-mounted and wall-mounted 🕑 rechargeable battery powered Ţ -> wall-mounted color of suspension cable fixture with natural vivid LED (upon request) ¥ omni-directional light distribution 1 length of suspension cable CRI color rendering index a trade attentio ~ .....

direct light distribution	$\square$	reflector degree selection	(°K)	color temperature
direct/indirect light distribution	s s	super spot	LM	lumen (luminous flux)
indirect light distribution	Å	lens	LM	efficacy (lumens per watt)
asymmetric light distribution	Ð	lens pack	UGR	Unified Glare Rating (UGR) range from 5-40
aura light distribution	0	shine ring	318	marine grade (AISI 316 stainless steel)
round wall or ceiling cut-out	$\odot$	integrated shine ring with diffuser	٢	walk on
square wall or ceiling cut-out	Ó	free individual colors 01-29		drive on
the supplied jig specifies the cutout dimensions	Ċ	individual colors: 00 (free of charge), 01-25 (extra charge)	<b>B</b> sc	Dark Sky Compliance
minimum distance (meters) lamp - object	۲	luminaire part to be colored (F1)	Ġ	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)	٢	blown glass using traditional methods by master glass blower
ceiling thickness selection		luminaire part to be colored (F4)	<b>€</b>	acoustic material
dimmable DP (phase), DV (0-10V), DD (dali), DS (step-dim)		luminaire part to be colored (F5)		protection class I, protection insulation
		color of 3-circuit adaptor		protection class II, protection insulation
separately switchable	$\odot$	indirect diffuser		ETL Certified to UL and CSA Standards
<sup>/</sup> sensor	D	direct diffuser	c (U) us	UL Certified to UL and CSA Standards
remote control	$\odot$	ball-proof (upon request)	۹.	CSA Certified to UL and CSA Standards
available upon request	U	accessory	Z	Certified for North American Standards
	direct/indirect light distribution   indirect light distribution   asymmetric light distribution   aura light distribution   aura light distribution   cound wall or ceiling cut-out   square wall or ceiling cut-out   the supplied jig specifies the cutout dimensions   minimum distance (meters) lamp - object   ceiling thickness in mm   ceiling thickness selection   dimmable DP (phase), DV (0-10V), DD (dali), DS (step-dim)   included or excluded LED driver/transformer/control gear   separately switchable   / sensor   remote control	direct/indirect light distribution   indirect light distribution   asymmetric light distribution   aura light distribution   aura light distribution   aura light distribution   cound wall or ceiling cut-out   square wall or ceiling cut-out   the supplied jig specifies the cutout dimensions   minimum distance (meters) lamp - object   recessed depth   ceiling thickness selection   dimmable DP (phase), DV (0-10V), DD (dali), DS   (step-dim)   included or excluded LED driver/transformer/   control gear   separately switchable   remote control	direct/indirect light distribution isuper spot   indirect light distribution inles   asymmetric light distribution inles   aura light distribution inles   aura light distribution integrated shine ring   round wall or ceiling cut-out integrated shine ring with diffuser   square wall or ceiling cut-out integrated shine ring with diffuser   square wall or ceiling cut-out individual colors 01-29   the supplied jig specifies the cutout dimensions individual colors: 00 (free of charge), 01-25 (extra charge)   minimum distance (meters) lamp - object luminaire part to be colored (F1)   recessed depth luminaire part to be colored (F2)   ceiling thickness in mm luminaire part to be colored (F3)   ceiling thickness selection luminaire part to be colored (F4)   dimmable DP (phase), DV (0-10V), DD (dali), DS luminaire part to be colored (F5)   included or excluded LED driver/transformer/ color of 3-circuit adaptor   separately switchable indirect diffuser   sensor idirect diffuser   remote control iball-proof (upon request)	direct/indirect light distribution isuper spot   indirect light distribution iens   asymmetric light distribution iens pack   aura light distribution integrated shine ring   aura light distribution integrated shine ring with diffuser   square wall or ceiling cut-out integrated shine ring with diffuser   square wall or ceiling cut-out iffee individual colors 01-29   the supplied jig specifies the cutout dimensions individual colors: 00 (free of charge), 01-25 (extra charge)   minimum distance (meters) lamp - object luminaire part to be colored (F1)   recessed depth luminaire part to be colored (F2)   ceiling thickness selection luminaire part to be colored (F3)   dimmable DP (phase), DV (0-10V), DD (dali), DS luminaire part to be colored (F4)   included or excluded LED driver/transformer/ color of 3-circuit adaptor   separately switchable indirect diffuser   sensor direct diffuser   menter control ball-proof (upon request)

### **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**

КО1	protected against 0.14 joules impact (equivalent to 0.25kg mass dropped from 56mm above the surface)
1602	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 23, 2024, 4:55 pm