# **ZANEEN**<sub>®</sub>

### **BIONIQ SQUARE ADJUSTABLE COMFORT**

Finishes

(Triangle)

Finishes

(Circle)

Ceiling

Thickness

**TRIMLESS** 

#### A35212-

base number Color

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 #

Finishes

#### GENERAL

Series: Bioniq	
Subseries: Bioniq Square Adjustable Comfort	
Brand: Prolicht	
Division: Architectural	
Mounting Type: Trimless	
Mounting Location: Ceiling	
Subcategory: Downlight	
PHYSICAL	
Shape: Square	
Length (mm): 106	
Length (in): $4\frac{3}{16}$	
Width (mm): 106	
Width (in): 4 <sup>3</sup> / <sub>16</sub>	
Height (mm): 134	
Height (in): $5\frac{1}{4}$	
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): $5\frac{7}{8}$	
Light Distribution: Adjustable / Downlight	
Weight (kg): 0.655	
Weight (lbs): 1.44	
Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MI 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): 15.5	
Total Output Wattage (W): 14.5	
Dimming: Tri-Mode (Non-Dimming and Phase Dir and 0-10V Dimming)	nming (120Vac 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	
Housing: See components Input Voltage (V): 120 - 277	

#### 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	
Efficiency (%): 87.9 / 88.4 / 87.9	
Lamp Life (hrs): 50000	
Upon Request: RGB-W Tunable White Special Color Temperatur Special LED	re
OPTICAL	

Reflecto	r*: 20 / 40 /	/ 60		
Adjustat	ility: Rota	tional 3	55°; Tilt 30	,

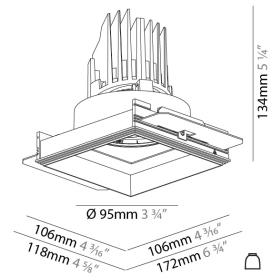
Upon Request: Special Beam Angles

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## **BIONIQ SQUARE ADJUSTABLE COMFORT**

TRIMLESS

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# **ZANEEN**<sub>®</sub>

### **BIONIQ SQUARE DEEP TRIMLESS**

A35218							
base number	LED	Color	Finishes	Finishes	Finishes	Ceiling	Reflector
	Dimming	Temperature	(Diamond)	(Triangle)	(Circle)	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 Square Deep	
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): $4\frac{3}{16}$	
Depth (mm): 150	
Depth (in): $5\frac{7}{8}$	
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): 170	
Min. Recessing Depth (in): 6 <sup>11</sup> / <sub>16</sub>	
Light Distribution: Downlight	
Weight (kg): 0.705	
Weight (lbs): 1.55	
Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / M LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / GUM / CH 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): 15.5	
Total Output Wattage (W): 14.5	
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	

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
Efficiency (%): 87.9 / 88.4 / 87.9
Lamp Life (hrs): 50000

Upon Request: RGB-W Tunable White Special Color Temperature Special LED

#### OPTICAL

Reflector°: 20 / 40 / 60

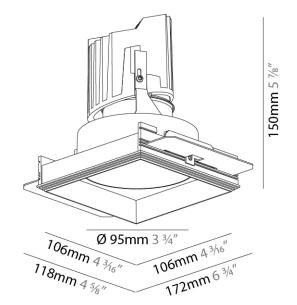
Upon Request: Special Beam Angles

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## **BIONIQ SQUARE DEEP TRIMLESS**

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A35221-

### **BIONIQ SQUARE DEEP COMFORT TRIMLESS**

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TYPE SPECIFIER	
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PROJECT

base number	LED Dimming	Color Temperature	Finishes (Diamond)	Finishes (Triangle)	Finishes (Circle)	Ceiling Thickness	Reflector Options
the base mo	del # produ	le in our config ct page oduct code on t					
		lue font and a					
GENERAL							
Series: Bion	iq						
	•	e Deep Comfo	rt				
Brand: Proli		<u> </u>	-				
Division: Arc							
Mounting Ty	pe: Trimles	s					
Mounting Lo	•						
Subcategor							
PHYSICAL							
Shape: Squa	aro						
Length (mm							
Length (in):							
Width (mm)							
Width (in): 4							
Height (mm							
Height (in):		10 100 - 11-	105				
		: 10 / 12.5 / 15					
		/8 or 1/2 or 9/1	16 or 1				
Min. Recessi							
Min. Recessi							
Light Distrib		nlight					
Weight (kg):							
Weight (lbs)							
	FRO / FUP /	/ / CWI / CRY / KIA / POP / BL ' MOS / ROR					
Fixture Mate	erial: Alumin	um Die Cast					
		120mm / 4 3/4 Ceiling Thickne		/ 4 3/4"			
ELECTRICA							
		Standard)					
Lamp Type: Input Watta		Stanuaru)					
Total Outpu	-	W)· 14 5					
-	-	n-Dimming an	d Phase Dim	ming (120V	ac only)		
and 0-10V D			a r nuse bill		ac oncy)		
Driver Inclue	U,						
Driver Locat	ion: Recess	ed Housing					and and a
Driver Type:	Constant C	urrent - Unive	rsal				
Driver Class							
Housing: Se	e componei	nts					
Input Voltag	ge (V): 120 - 2	277					
Constant Cu	irrent (MA):	500					
LED	EDci 1						$\frac{106mm_{4.3/16''}}{118mm_{4.5/8''}} \frac{106mm_{4.3/16''}}{106mm_{4.5/8''}} \frac{106mm_{4.3/16''}}{172mm_{6.3/4''}}$
Number of L		2700 / 2000 /	2500 / 4000				-""m 4 3/-" - 06mm 4"
		2700 / 3000 / .		)			11800 100 Juli
		lm): 940 / 980 /		J			$7_{18mm} 4_{\frac{3}{58}''}$ 106min 6 <sup>3/4"</sup>
CRI: >90 CRI		886 / 1438 / 15	11/1542				γα ////
		1/070					
Efficiency (%		4/01.9					
Lamp Life (h	•	unable White	Special Colo	or Temporat			▼ <b>1 <sup>-</sup> ™ 1 1</b>
Special LED		unable White	Special Colo	n remperat	ure		$\begin{array}{ c c c c c c c c c c c c c c c c c c c$
OPTICAL							٨
Reflector°: 2	20 / 40 / 60						A
Upon Reque	est: Special I	Beam Angles					

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Upon Request: Special Beam Angles

RATINGS AND CERTIFICATIONS 382, F 416-247-9319, www.zaneen.com

150mm 5 7/8"

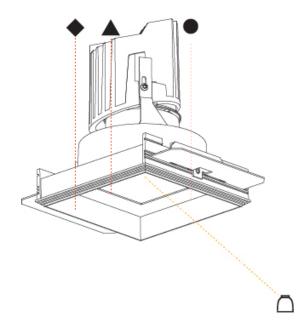
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### **BIONIQ SQUARE DEEP COMFORT TRIMLESS**

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## **BIONIQ SQUARE ADJUSTABLE TRIMLESS**

Ceiling

Thickness

Reflector

Options

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

the base model # product page

Subseries: Bioniq Square Adjustable

GENERAL Series: Bioniq

Brand: Prolicht Division: Architectural Mounting Type: Trimless Mounting Location: Ceiling Subcategory: Downlight

PHYSICAL

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 #

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134mm 5 <sup>1</sup>/4"



Ø 95mm 3 3/4"

÷

106mm 4 3/6"

120 x 120mm 150mm 10 | 12 1/2 | 15 | 25mm 30°

118mm 4 5/8"

5 %"

"x 4 3/4

106mm 4<sup>3</sup>/16"

172mm 6 3/4

355°

Shap	pe: Square
Diam	neter (mm): 95
Diam	neter (in): 3 ¾
Leng	th (mm): 106
Leng	th (in): 4 ئے ا
Widt	h (mm): 106
Widt	h (in): $4\frac{3}{16}$
Heig	ht (mm): 134
Heig	ht (in): 5 ¼
	ng Thickness (mm): 10 / 12.5 / 15 / 25
	ng Thickness (in): 3/8 or 1/2 or 9/16 or 1
	Recessing Depth (mm): 150
Min.	Recessing Depth (in): 5 <sup>7</sup> / <sub>8</sub>
Light	t Distribution: Adjustable / Downlight
	th (kg): 0.655
Weig	th (lbs): 1.44
LOD	ıre Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG / / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / GUM / CHC / / ABZ / JAG / OBR / MOS / ROR
Fixtu	ıre Material: Aluminum Die Cast
	out Measurements: 120mm / 4 3/4" x 120mm / 4 3/4"
Upor	n Request: Unique Ceiling Thickness
ELEC	CTRICAL
Lam	p Type: LED (Zhaga Standard)
Inpu	t Wattage (W): 16.5
Tota	l Output Wattage (W): 14.5
	ning: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) 0-10V Dimming)
Drive	er Included: No
Drive	er Location: Recessed Housing
	er Type: Constant Current - Universal
	er Class: Class 2
	sing: See components
<u> </u>	t Voltage (V): 120 - 277
Cons	stant Current (MA): 500
LED	
Num	ber of LEDs: 1
Colo	r Temperature (°K): 2700 / 3000 / 3500 / 4000
Max	Delivered Lumen (lm): 940 / 980 / 1029 / 1050

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
Efficiency (%): 87.9 / 88.4 / 87.9
Lamp Life (hrs): 50000
Upon Request: RGB-W Tunable White Special Color Temperature Special LED
Special LED
OPTICAL

#### Reflector°: 20 / 40 / 60

Adjustability: Rotational 355°; Tilt 30°

Upon Request: Special Beam Angles

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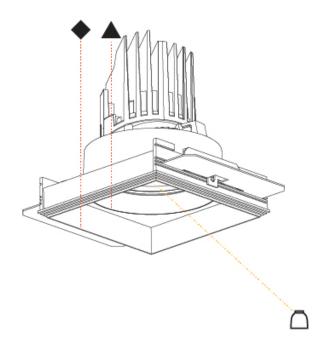
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## **BIONIQ SQUARE ADJUSTABLE TRIMLESS**

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PROJECT

TYPE SPECIFIER QUANTITY
QUANTITY
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# **ZANEEN**<sub>®</sub>

# BIONIQ

**Fixture Finish** 

PROJECT

PROJECT			
TYPE			
SPECIFIER			
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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 wall and ceiling: recessed and surface mounted 0 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) -> ¥ omni-directional light distribution 1 CRI length of suspension cable color rendering index Ä direct light distribution Δ reflector degree selection °K color temperature direct/indirect light distribution s s LM) super spot lumen (luminous flux) Ť Y 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 R round wall or ceiling cut-out lacksquareintegrated shine ring with diffuser 1 walk on 5 square wall or ceiling cut-out Ö free individual colors 01-29 . drive on individual colors: 00 (free of charge), 01-25 (extra d the supplied jig specifies the cutout dimensions Ċ DSC Dark Sky Compliance charge) Americans with Disabilities Act (less than 4" off the wall located between 27"-84" from floor) 0++ 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

_	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 l, protection insulation
	included or excluded LED driver/transformer/ control gear		color of 3-circuit adaptor		protection class II, protection insulation
-	· -	$\odot$	indirect diffuser		ETL Certified to UL and CSA Standards
シリ	sensor	D	direct diffuser	c(H) us	UL Certified to UL and CSA Standards
	remote control	$\odot$	ball-proof (upon request)	<b>(</b>	CSA Certified to UL and CSA Standards
2	available upon request	U	accessory	$\mathbb{Z}$	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)
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)
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)

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