### **BIONIQ SQUARE ADJUSTABLE COMFORT**

**TRIMLESS** 

### A35212-

base number Color

Temperature (Diamond)

Finishes (Triangle)

Finishes

(Circle)

Ceiling

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 #

Finishes

#### GENERAL

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): $4\frac{3}{16}$	
Height (mm): 134	
Height (in): 5 ¼	
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 1/8	
Light Distribution: Adjustable / Downlight	
Weight (kg): 0.655	
Weight (lbs): 1.44	
Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / 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 (120 and 0-10V Dimming)	)Vac 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

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

#### OPTICAL

Re	eflector°: 20 / 40 / 60	
۵c	liustability: Rotational	3550.

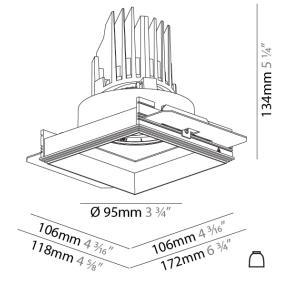
Adjustability: Rotational 355°; Tilt 30° Upon Request: Special Beam Angles

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## **BIONIQ SQUARE ADJUSTABLE COMFORT**

TRIMLESS

A35212-

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## **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): $3\frac{3}{4}$	
Length (mm): 106	
Length (in): $4\frac{3}{16}$	
Width (mm): 106	
$\frac{\text{Width (in): 4}_{16}}{2}$	
Depth (mm): 150	
Depth (in): $5\frac{1}{8}$	
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): 170	
Min. Recessing Depth (in): $6^{11}_{16}$	
Light Distribution: Downlight	
Weight (kg): 0.705	
Weight (lbs): 1.55	
Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MY LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / GUM / CHO 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 EEDS, 1	

Number of EEDS. 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

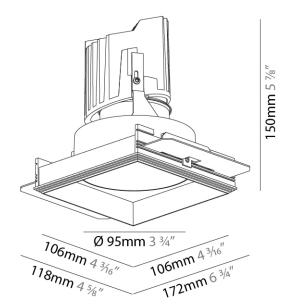
Upon Request: Special Beam Angles

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## **BIONIQ SQUARE DEEP TRIMLESS**

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A35221-

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

ТҮРЕ
SPECIFIER
QUANTITY
DATE

PROJECT

A32271	L-	-	-	-	-	-	-
base number	LED Dimming	Color Temperature	Finishes (Diamond)	Finishes (Triangle)	Finishes (Circle)	Ceiling Thickness	Reflector Options
1.To build a	product cod	e in our config	urator selec	t the specify	button on		
	del # produc						
2. To build a	manual pro	duct code on t lue font and a	his datashe dd tho cuffiy	et choose fro	om the		
	u Delow III Di	ue ioni unu ui	uu the sumx	to the base	mouel #		
GENERAL							
Series: Bion	•						
		e Deep Comfo	ort				
Brand: Proli							
Division: Arc							
	/pe: Trimless						
	ocation: Ceili	-					
Subcategory	y: Downlight						
PHYSICAL							
Shape: Squa	are						
Length (mm	ı): 106						
Length (in):	4 <sup>3</sup> / <sub>16</sub>						
Width (mm)	: 106						
Width (in): 4	3/16						
Height (mm	): 150						
Height (in): 5	5 %						
Ceiling Thicl	kness (mm):	10 / 12.5 / 15 ,	/ 25				
		8 or 1/2 or 9/1					
Min. Recessi	ing Depth (m	ım): 170					
Min. Recessi	ing Depth (in	): 6 <sup>11</sup> / <sub>16</sub>					
Light Distrib	oution: Down	light					
Weight (kg):	0.717						
Weight (lbs)	: 1.58						
LOD / PUS /		/ / CWI / CRY / KIA / POP / BL MOS / ROR					
	erial: Alumin						
		120mm / 4 3/4	4" x 120mm	/ 4 3/4"			
		eiling Thickne		1 -1			
ELECTRICAL							
	LED (Zhaga	Standard)					
Input Watta		Stanuaru)					
	t Wattage (W	/)• 14 5					
		n-Dimming an	d Phase Din	nming (120\	(ac only)		
and 0-10V D					ac only,		
Driver Inclue	ded: No						
Driver Locat	ion: Recesse	d Housing					Contraction of the second seco
Driver Type:	Constant Cu	urrent - Unive	rsal				
Driver Class:	: Class 2						
Housing: Se	e componen	ts					
Input Voltag	ge (V): 120 - 2	77					
Constant Cu	irrent (MA): 5	00					
LED							10
Number of L	EDs: 1						$106mm$ m $4^{3/16}$
		2700 / 3000 / 3	3500 / 4000				$\frac{106mm_{4,3}}{118mm_{4,5}} \frac{106mm_{4,3}}{106mm_{4,5}} \frac{106mm_{4,3}}{106mm_{4,5}}$
		m): 940 / 980 /		)			18mm ( $3/4$
		86 / 1438 / 15					172mm
CRI: >90 CRI							
Efficiency (%	%): 87.9 / 88.4	4/87.9					
Lamp Life (h							
	est: RGB-W T	unable White	Special Colo	or Temperat	ture		$\begin{array}{c} 120 \times 120 mm \\ 4^{3} / 4^{n} \times 4^{3} / 4^{n} \end{array} \begin{array}{c} 170 mm \\ 6^{11 / 4^{n}} \end{array} \begin{array}{c} 10 \   12 \ \frac{1}{2}   15 \   25 mm \\ \frac{3} / 8^{n} \ \frac{1}{2^{n}} \ \frac{9} / 8^{n} \end{array} \begin{array}{c} 1^{n} \end{array}$
OPTICAL							

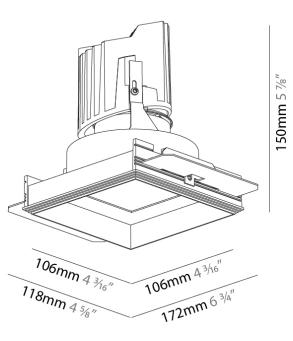
#### OPTICAL

Reflector°: 20 / 40 / 60

Upon Request: Special Beam Angles

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

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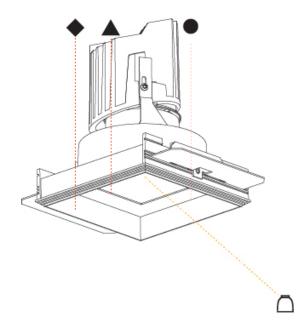
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### **BIONIQ SQUARE DEEP COMFORT TRIMLESS**

A35221-

PROJECT

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the base model # product page

Subseries: Bioniq Square Adjustable

GENERAL Series: Bioniq

PHYSICAL Shape: Square

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

### **BIONIQ SQUARE ADJUSTABLE TRIMLESS**

Ceiling

Thickness

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

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 # PROJECT

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TYPE			
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DATE			



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 <sup>3</sup> / <sub>16</sub>	
Height (mm): 134	
Height (in): 5 ¼	
Ceiling Thickness (mm): 10 / 12.5 / 15 / 2	5
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 / Downligh	nt
Weight (kg): 0.655	
Weight (lbs): 1.44	
Fixture Finish: SSR / BKV / CWI / CRY / HA LOD / PUS / FRO / FUP / KIA / POP / BLS / 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): 16.5	
Total Output Wattage (W): 14.5	
Dimming: Tri-Mode (Non-Dimming and F and 0-10V Dimming)	Phase Dimming (120Vac only)
Driver Included: No	
Driver Location: Recessed Housing	
Driver Type: Constant Current - Universa	l
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
Efficiency (%): 87.9 / 88.4 / 87.9
Lamp Life (hrs): 50000
Upon Request: RGB-W Tunable White Special Color Temperature Special LED
OPTICAL

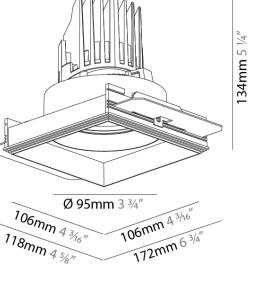
#### Reflector°: 20 / 40 / 60

Adjustability: Rotational 355°; Tilt 30°

Upon Request: Special Beam Angles

RATIN 65 AND CERTIFICATIONS-3382, F 416-247-9319, www.zaneen.com

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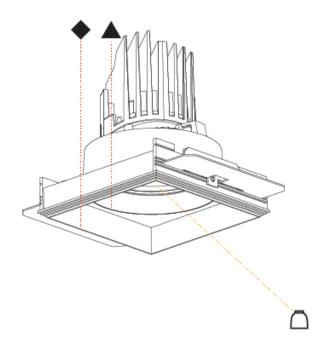
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### **BIONIQ SQUARE ADJUSTABLE TRIMLESS**

A37887-

PROJECT

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DATE



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## BIONIQ

**Fixture Finish** 

PROJECT

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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 $\circledast$ 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 super spot LM) 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 recessed depth luminaire part to be colored (F2) lamp protected against explosion 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  $\odot$ 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)
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
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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