### **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 / 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: 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

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 Temperatu Special LED
ΟΡΤΙζΑΙ

#### OPTICAL

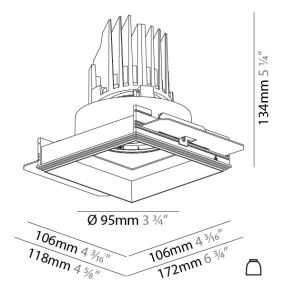
Reflector°: 20 /	/ 40 /	60	
Adjustability: I	Rota	tiona	l 355°; Tilt 30'

Upon Request: Special Beam Angles

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PROJECT			
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DATE			









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### **BIONIQ SQUARE ADJUSTABLE COMFORT**

TRIMLESS

A35212-

PROJECT

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SPECIFIER
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DATE



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### **BIONIQ SQUARE DEEP TRIMLESS**

#### 1

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 <sup>3</sup> / <sub>16</sub>	
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 / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / GUM / 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 or	ılv)
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 <u>- 1 1</u> (lm) 1386 / 1438 / 1511 / 1543

Nominal Lumen (Im): 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

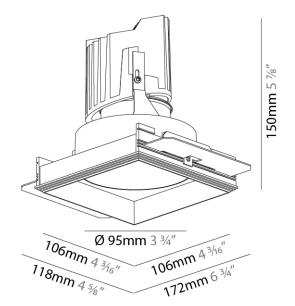
Reflector°: 20 / 40 / 60

Upon Request: Special Beam Angles

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### **BIONIQ SQUARE DEEP TRIMLESS**

A35218-

PROJECT

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

TYPE		
SPECIFIER		
QUANTITY		
DATE		

PROJECT

405004							DATE
A35221-	Color	- Finishes	- Finishes	- Finishes	Ceiling	Reflector	
Dimming		(Diamond)	(Triangle)	(Circle)	Thickness	Options	
1.To build a product coo the base model # produ		gurator select	t the specify	button on			
2. To build a manual pro options listed below in b	duct code on						
GENERAL							
Series: Bioniq							
Subseries: Bioniq Squa	e Deep Comfo	ort					
Brand: Prolicht							<u> </u>
Division: Architectural							
Mounting Type: Trimles	S						
Mounting Location: Cei	-						
Subcategory: Downligh	t						
PHYSICAL							
Shape: Square							
Length (mm): 106							
Length (in): 4 <sup>3</sup> / <sub>16</sub>							
Width (mm): 106							
Width (in): 4 <sup>3</sup> / <sub>16</sub>							
Height (mm): 150							
Height (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 (r	nm): 170						
Min. Recessing Depth (i	n): 6 <sup>11</sup> / <sub>16</sub>						
Light Distribution: Dow	nlight						
Weight (kg): 0.717							
Weight (lbs): 1.58							
Fixture Finish: SSR / BK LOD / PUS / FRO / FUP / COM / ABZ / JAG / OBR /	KIA / POP / BL						-
Fixture Material: Alumir	ium Die Cast						
Cut-out Measurements:	120mm / 4 3/-	4" x 120mm	/ 4 3/4"			-	at l
Upon Request: Unique	Ceiling Thickn	ess					
ELECTRICAL	Chan dand)						
Lamp Type: LED (Zhaga Input Wattage (W): 15.5	Stanuaru)						
Total Output Wattage (	M)· 14 5						
Dimming: Tri-Mode (No		nd Phase Dim	ming (120V	ac only)			
and 0-10V Dimming)	in Dimining an		11116 (1201	ac only)			
Driver Included: No						(	
Driver Location: Recess	ed Housing						
Driver Type: Constant C	urrent - Unive	ersal					Contraction of the second seco
Driver Class: Class 2							
Housing: See compone	nts						
Input Voltage (V): 120 - 2							
Constant Current (MA):	500						
LED						100	
Number of LEDs: 1							1 2 mm 4 <sup>3/16</sup>
Color Temperature (°K)	2700 / 3000 /	3500 / 4000				106mm /	106mm
Max. Delivered Lumen (			)			118mm 4 5	106mm 4 <sup>3</sup> /6" 172mm 6 <sup>3</sup>
Nominal Lumen (lm): 13	886 / 1438 / 15	11/1542				+ 5/0	1721
CRI: >90 CRI							
Efficiency (%): 87.9 / 88	4 / 87.9						
Lamp Life (hrs): 50000						$\land \land \pm$	_ <b>∓</b> ↑
Upon Request: RGB-W 1 Special LED	unable White	Special Colo	or Temperat	ure		<b>120 x 120mm</b> 4 <sup>3</sup> / <sub>4</sub> " x 4 <sup>3</sup> / <sub>4</sub> " <b>170mm</b> 10 6 <sup>1</sup> / <sub>1/6</sub> "	121⁄2 15 25mm <sup>3</sup> /8″ 1/2″ %16″ 1″
OPTICAL						Δ	
Reflector°: 20 / 40 / 60						A	
Upon Request: Special	Beam Angles						

Upon Request: Special Beam Angles

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

ረውዘፍሎው በአንድ የሚያስት የሚያ በ 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 IP rating: IP20

150mm 5 7/8"

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**BIONIQ SQUARE DEEP COMFORT TRIMLESS** 

A35221-

PROJECT

TYPE		
SPECIFIER		
QUANTITY		
DATE		



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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

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

TYPE			
SPECIFIER			
QUANTITY			
DATE			

134mm 5 ¼″



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°

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 <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 / ITA / RUA / FTG / N	AYG
LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / GUM / C	
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 Phase Dimming (120Vac onl	iy)
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	
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	

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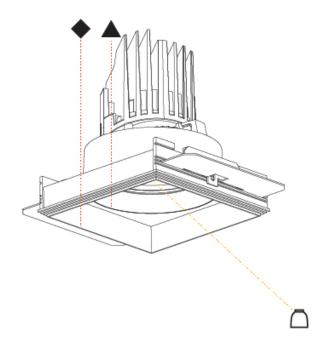
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### **BIONIQ SQUARE ADJUSTABLE TRIMLESS**

A37887-

PROJECT

TYPE SPECIFIER QUANTITY
QUANTITY
DATE



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### BIONIQ

**Fixture Finish** 

PROJECT

PROJECT			
TYPE			
SPECIFIER			
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.

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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 ceiling-mounted and wall-mounted illuminate tilted Î rechargeable battery powered Ø Ţ wall-mounted color of suspension cable fixture with natural vivid LED (upon request) -> $\mathbb{Y}$ omni-directional light distribution 1 length of suspension cable CRI 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 aura light distribution 0 ÷ marine grade (AISI 316 stainless steel) Ă 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 R lamp protected against explosion recessed depth luminaire part to be colored (F2) blown glass using traditional methods by master 1 ceiling thickness in mm luminaire part to be colored (F3) A glass blower

	ceiling thickness selection		luminaire part to be colored (F4)	(ه)	acoustic material
	dimmable DP (phase), DV (0-10V), DD (dali), DS (step-dim)		luminaire part to be colored (F5)		protection class I, protection insulation
<b>4</b>	included or excluded LED driver/transformer/ control gear	•	color of 3-circuit adaptor		protection class II, protection insulation
У	separately switchable	$\odot$	indirect diffuser		ETL Certified to UL and CSA Standards
<b>!</b>	sensor	0	direct diffuser	c (U) us	UL Certified to UL and CSA Standards
	remote control	$_{\odot}$	ball-proof (upon request)	S.	CSA Certified to UL and CSA Standards
2	available upon request	0	accessory	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
1965	protected against ingress of dust protected against jets of water
1966	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**

protected against 0.14 joules impact (equivalent to 0.25kg mass dropped from 56mm above the surface)
protected against 0.2 joules impact (equivalent to 0.25kg mass dropped from 80mm above the surface)
protected against 0.35 joules impact (equivalent to 0.25kg mass dropped from 140mm above the surface)
protected against 0.5 joules impact (equivalent to 0.25kg mass dropped from 200mm above the surface)
protected against 0.7 joules impact (equivalent to 0.25kg mass dropped from 280mm above the surface)
protected against 1 joules impact (equivalent to 0.25kg mass dropped from 400mm above the surface)
protected against 2 joules impact (equivalent to 0.5kg mass dropped from 400mm above the surface)
protected against 5 joules impact (equivalent to 1.7kg mass dropped from 300mm above the surface)
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)

September 24, 2024, 3:30 am