

# **BIONIQ SQUARE ADJUSTABLE COMFORT**

### **TRIMLESS**

A35212	• -					-	,
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 Adjustable Comfort	
Brand: Prolicht	
Division: Architectural	
Mounting Type: Trimless	
Mounting Location: Ceiling	
Subcategory: Downlight	

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): 134	
Height (in): 5 <sup>1</sup> / <sub>4</sub>	
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 / LAG / UFT / ITA / RUA / RUR / MIC / FTG / MYG / TWT / 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

#### 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

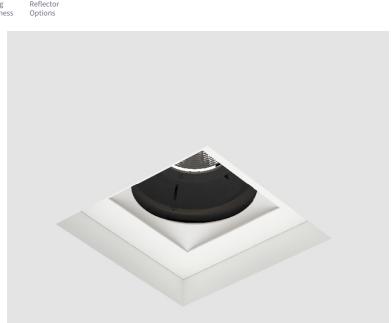
#### OPTICAL

Reflector°: 20 / 40 / 60

Adjustability: Rotational 355°; Tilt 30°

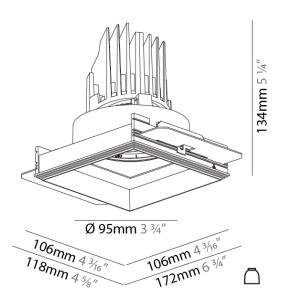
Upon Request: Special Beam Angles

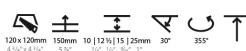
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**PROJECT** TYPE SPECIFIER

QUANTITY DATE







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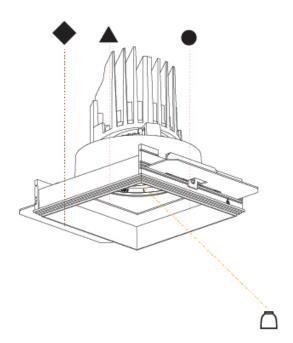


# **BIONIQ SQUARE ADJUSTABLE COMFORT**

**TRIMLESS** 

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QUANTITY	_
DATE	_







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<b>A3</b>	78	87.	

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	Dimming	Temperature	(Diamond)	(Triangle)	Thickness	Options

	TYPE
	SPECIFIER
IONIQ SQUARE ADJUSTABLE TRIMLESS	QUANTITY
	DATE
37887	

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Subcategory: Downlight

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Mounting Location: Ceiling
Subcategory: Downlight
PHYSICAL
Shape: Square
Diameter (mm): 95
Diameter (in): 3 <sup>3</sup> / <sub>4</sub>
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Width (mm): 106
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Height (in): 5 <sup>1</sup> / <sub>4</sub>
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Lamp Life (hrs): 50000

Upon Request: RGB-W Tunable White Special Color Temperature

Special LED

### OPTICAL

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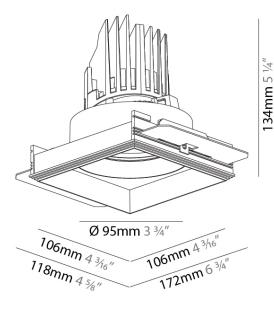
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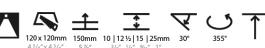
Upon Request: Special Beam Angles

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



**PROJECT** 







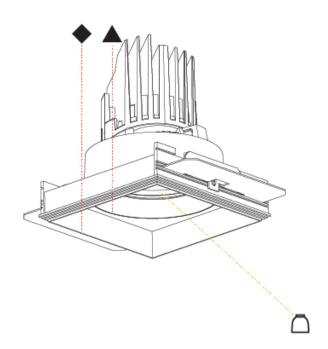
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# **BIONIQ SQUARE ADJUSTABLE TRIMLESS**

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PROJECT	
TYPE	
SPECIFIER	
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## **BIONIQ**

PROJECT	
TYPE	
SPECIFIER	
QUANTITY	
DATE	

#### **Fixture Finish**



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.



# **BIONIQ**

# **LEGEND**

140		_		1	
<u></u>	floor-mounted	¥	pivotable	⊛	special LED (upon request) RGB, RGBW, tunable, gold+, meat+, art+, fashion+
7	wall and ceiling: recessed and surface mounted	0	rotating	0	warm dim / natural dimming LED
$\overline{\uparrow}$	ceiling-mounted and wall-mounted	Œ	illuminate tilted	0	rechargeable battery powered
$\rightarrow$	wall-mounted	I	color of suspension cable	in the second	fixture with natural vivid LED (upon request)
Y	omni-directional light distribution	1	length of suspension cable	CRI	color rendering index
À	direct light distribution	Δ	reflector degree selection	(K)	color temperature
	direct/indirect light distribution	s s	super spot	LM	lumen (luminous flux)
M	indirect light distribution	*	lens	₩)	efficacy (lumens per watt)
	asymmetric light distribution	8	lens pack	UGR	Unified Glare Rating (UGR) range from 5-40
	aura light distribution	0	shine ring	*	marine grade (AISI 316 stainless steel)
R	round wall or ceiling cut-out	0	integrated shine ring with diffuser	30	walk on
Z)	square wall or ceiling cut-out		free individual colors 01-29	<b>②</b>	drive on
4	the supplied jig specifies the cutout dimensions	Ĉ	individual colors: 00 (free of charge), 01-25 (extra charge)	OSC	Dark Sky Compliance
<b>d</b> •.→	minimum distance (meters) lamp - object	<b>♦</b>	luminaire part to be colored (F1)	Ġ	Americans with Disabilities Act (less than 4" off the wall located between 27"-84" from floor)
主	recessed depth		luminaire part to be colored (F2)		lamp protected against explosion
1	ceiling thickness in mm		luminaire part to be colored (F3)		blown glass using traditional methods by master glass blower
1	ceiling thickness selection		luminaire part to be colored (F4)		acoustic material
	dimmable DP (phase), DV (0-10V), DD (dali), DS (step-dim)	•	luminaire part to be colored (F5)		protection class I, protection insulation
E NORTH	included or excluded LED driver/transformer/ control gear	•	color of 3-circuit adaptor		protection class II, protection insulation
४	separately switchable	$\odot$	indirect diffuser		ETL Certified to UL and CSA Standards
<b>9</b>	sensor	0	direct diffuser	c (U) us	UL Certified to UL and CSA Standards
	remote control	1	ball-proof (upon request)	<b>®</b> :	CSA Certified to UL and CSA Standards
J	available upon request	0	accessory	<b>Z</b>	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
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**

above the surface)

IK02	above the surface)
ІКОЗ	protected against 0.35 joules impact (equivalent to 0.25kg mass dropped from 140mm above the surface)
IK04	protected against 0.5 joules impact (equivalent to 0.25kg mass dropped from 200mm above the surface)
IK05	protected against 0.7 joules impact (equivalent to 0.25kg mass dropped from 280mm above the surface)
1K06	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) $$
IK08	protected against 5 joules impact (equivalent to 1.7kg mass dropped from 300mm above the surface)
IK09	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)

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

protected against 0.2 joules impact (equivalent to 0.25kg mass dropped from 80mm