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

							DATE
A35221 base number	LED	Color	- Finishes	- Finishes	- Finishes	- Ceiling	Reflector
	Dimming	Temperature	(Diamond)	(Triangle)	(Circle)	Thickness	Options
		le in our config	urator selec	t the specify	button on		
the base mo		ct page oduct code on t	his datasho	et choose fro	m the		
		olue font and a					
GENERAL							
Series: Bion	iq						
-		re Deep Comfo	ort				
Brand: Proli							
Division: Arc	chitectural						
Mounting Ty							
Mounting Lo		-					
Subcategor	y: Downligh	t					
PHYSICAL							
Shape: Squa							
Length (mm							
Length (in):							
Width (mm)							
Width (in): 4							
Height (mm	): 150						
Height (in):	5 1/8						
		: 10 / 12.5 / 15					
		/8 or 1/2 or 9/1	l6 or 1				
Min. Recess							
Min. Recess							
Light Distrib		nlight					
Weight (kg):							
Weight (lbs)							
	FRO / FUP /	V / CWI / CRY / KIA / POP / BL / MOS / ROR					
		um Die Cast					
Cut-out Mea	asurements:	120mm / 4 3/4	4" x 120mm	/ 4 3/4"			
Upon Reque	est: Unique (	Ceiling Thickne	ess				
ELECTRICA	L						
Lamp Type:	LED (Zhaga	Standard)					
Input Watta	ge (W): 15.5						
Total Outpu	ıt Wattage (\	N): 14.5					je j
		n-Dimming an	d Phase Din	nming (120Va	ac only)		20mm
and 0-10V D							
Driver Locat		ed Housing					
Driver Locat		urrent - Unive	rsal				The second se
Driver Class		unent- Unive	1301				
Housing: Se		nts					
Input Voltag							
Constant Cu							
LED							$\frac{106mm}{138mm} \frac{4}{3}\frac{3}{16}$ 106mm $\frac{4}{3}\frac{1}{16}$ 178mm $\frac{4}{5}\frac{3}{4}$ 172mm $\frac{6}{3}\frac{3}{4}$
Number of L	LEDs: 1						$\frac{106mm}{128m} q_{3/6''} = \frac{106mm}{106mm} \frac{4^{3/16''}}{3/4''}$
Color Temp	erature (°K)	2700 / 3000 /	3500 / 4000				110 10 106mm
Max. Deliver	red Lumen (	lm): 940 / 980 ,	/ 1029 / 105	0			$118mm_{4.5\%}$ 106mm $6^{3/4''}$
		886 / 1438 / 15	11 / 1542				1721
CRI: >90 CRI							
Efficiency (%		4/87.9					
Lamp Life (h							
Upon Reque Special LED		unable White	Special Col	or Temperati	ure		$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
<b>OPTICAL</b>							Δ
Reflector <sup>o</sup> : 2		Deeve A					A
upon Reque	est: Special l	Beam Angles					

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

ረውሰብክራ ውይ በተመቀመ በ የሚመረጉ የሚመረግ የ 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 IP rating: IP20

PROJECT

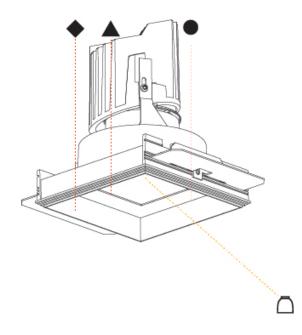
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QUANTITY
DATE

Page 1/8

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

A35221-

PROJECT



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# **ZANEEN**<sub>®</sub>

### **BIONIQ SQUARE DEEP TRIMLESS**

#### A35532-

L Finisher Finisher Californ						
(Diamond) (Triangle) Thickness Options	base number	Finishes (Diamond)	Finishes (Triangle)	Ceiling Thickness	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

Series: Bioniq
Subseries: Bioniq Square Deep
Brand: Prolicht
Division: Architectural
Mounting Type: Trimless
Mounting Location: Ceiling
Subcategory: Downlight
PHYSICAL
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): 150
Height (in): 5 <sup>7</sup> / <sub>8</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): 170
Min. Recessing Depth (in): $6^{11}/_{16}$
Light Distribution: Downlight
Weight (kg): 0.688
Weight (lbs): 1.52
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): 16.5
Total Output Wattage (W): 14.7
Dimming: Dali Dimming
Driver Included: No
Driver Location: Recessed Housing
Driver Type: Constant Current - 120Vac
Driver Class: Class 2
Housing: See Components
Input Voltage (V): 120
Constant Current (MA): 350
LED
Number of LEDs: 1
Color Temperature (°K): Warm Dim
Max. Delivered Lumen (lm): 770

#### CRI: >90 CRI

Lamp Life (hrs): 50000

Nominal Lumen (lm): 1140

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

#### OPTICAL

Reflector°: 20 / 40 / 60

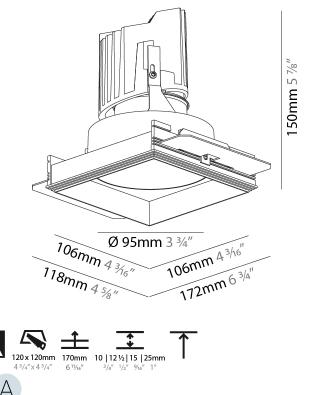
Upon Request: Special Beam Angles

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**Contified** By: Control of the existing Model #. For assistance on 'custom' specifications, contact zteam@zaneen.com.

DATE	 	 	
QUANTITY			
SPECIFIER			
TYPE			
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## **BIONIQ SQUARE DEEP TRIMLESS**

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PROJECT

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

#### A35533-

base number	Finishes (Diamond)	Finishes (Triangle)	Ceiling Thickness	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

Series: Bioniq
Subseries: Bioniq Square Deep 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): 150
Height (in): 5 <sup>7</sup> / <sub>8</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): 170
Min. Recessing Depth (in): $1^{10}$
Light Distribution: Downlight
Weight (kg): 0.769
Weight (lbs): 1.69
Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MY
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): 16.5
Total Output Wattage (W): 14.7
Dimming: Dali Dimming
Driver Included: No
Driver Location: Recessed Housing
Driver Type: Constant Current - 120Vac
Driver Class: Class 2
Housing: See Components
Input Voltage (V): 120
Constant Current (MA): 350
LED
Number of LEDs: 1
Max. Delivered Lumen (lm): 770
Nominal Lumen (lm): 1140
CRI: >90 CRI
Lamp Life (hrs): 50000
Upon Request: RGB-W Tunable White Special Color Temperature Special LED
OPTICAL

#### Reflector°: 20 / 40 / 60

#### RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards

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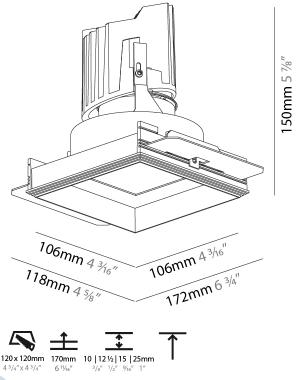
Upon Request: Special Beam Angles

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

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PROJECT



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# **ZANEEN**<sub>®</sub>

# 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 🟹 pivotable 7 U rotating 0 wall and ceiling: recessed and surface mounted warm dim / natural dimming LED Î ceiling-mounted and wall-mounted ເ≣ illuminate tilted 🕑 rechargeable battery powered Color of suspension cable → wall-mounted fixture with natural vivid LED (upon request)

waii-mounted		color of suspension cable	11480	fixture with natural vivid LED (upon request)
omni-directional light distribution	↓	length of suspension cable	CRI	color rendering index
direct light distribution	$\square$	reflector degree selection	<b>°К</b>	color temperature
direct/indirect light distribution	s s	super spot	LM	lumen (luminous flux)
indirect light distribution	*	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	Ő	free individual colors 01-29	۲	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)	(ه)	192
dimmable DP (phase), DV (0-10V), DD (dali), DS (step-dim)	۲	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
separately switchable	$\odot$	indirect diffuser		ETL Certified to UL and CSA Standards
sensor	D	direct diffuser	c (U) us	UL Certified to UL and CSA Standards
remote control	$\odot$	ball-proof (upon request)	<b>SP</b> :	CSA Certified to UL and CSA Standards
available upon request	U	accessory	$(\mathbb{Z})$	Certified for North American Standards
	omni-directional light distribution   direct light distribution   direct/indirect light distribution   indirect light distribution   asymmetric light distribution   aura light distribution   aura light distribution   square 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	omni-directional light distribution   omni-directional light distribution   direct light distribution   direct light distribution   indirect light distribution   indirect light distribution   asymmetric light distribution   aura light distribution   ound 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 selection   dimmable DP (phase), DV (0-10V), DD (dali), DS   (step-dim)   included or excluded LED driver/transformer/   control gear   separately switchable   remote control	omni-directional light distribution ↓ length of suspension cable   direct light distribution ↓ reflector degree selection   direct/indirect light distribution ↓ super spot   indirect light distribution ↓ lens   asymmetric light distribution ↓ lens pack   aura light distribution ↓ lens pack   aura light distribution ↓ shine ring   round wall or ceiling cut-out ↓ integrated shine ring with diffuser   square wall or ceiling cut-out ↓ free individual colors: 00 (free of charge), 01-25 (extra charge)   the supplied jig specifies the cutout dimensions ↓ 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   indirect diffuser ↓ indirect diffuser   sensor ↓ ball-proof	omni-directional light distribution Image: Amount of the suppression cable Image: Amount of the suppression cable   direct light distribution Image: Amount of the suppression cable Image: Amount of the suppression cable Image: Amount of the suppression cable   direct light distribution Image: Amount of the super spot   indirect light distribution Image: Amount of the super spot   aura light distribution Image: Amount of the super spot   aura light distribution Image: Amount of the super spot   aura light distribution Image: Amount of the super spot Image: Amount of the s

### **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
1954	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**

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)
1607	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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