### **BIONIQ SQUARE DEEP TRIMLESS**

PROJECT
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ТҮРЕ	
SPECIFIER	
QUANTITY	
DATE	

base number	LED	Color	Finishes	Finishes	Finishes	Ceiling	Reflector
	Dimming	Temperature	(Diamond)	(Triangle)	(Circle)	Thickness	Options
1		in our configu	rator select t	he specify bu	itton on		
the base mod	del # product	5		1 5			

#### 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
Width (in): 4 <sup>3</sup> / <sub>16</sub>
Depth (mm): 150
Depth (in): 5 <sup>7</sup> / <sub>8</sub>
Ceiling Thickness (mm): 10 / 12.5 / 15 / 25
Ceiling Thickness (ini): 1/ 12/ 12/ 13/ 23 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 / 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
Upon Request: Unique Ceiling Thickness ELECTRICAL
Upon Request: Unique Ceiling Thickness
Upon Request: Unique Ceiling Thickness ELECTRICAL Lamp Type: LED (Zhaga Standard)
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)
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)
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
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
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
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
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
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
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
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
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 Included: No         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
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 Temperature

Upon Request: unable ite Special Color Temperature Special LED

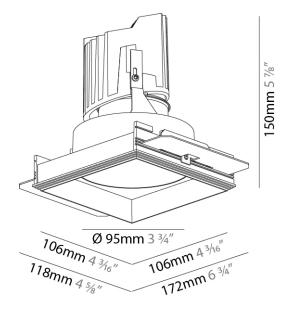
#### OPTICAL

Reflector°: 20 / 40 / 60

Upon Request: Special Beam Angles

Available of the presenting of the presenting of the sentence of the existing Model #. For assistance on 'custom' specifications, contact zteam@zaneen.com. 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

Page 1/6





### **BIONIQ SQUARE DEEP TRIMLESS**

A35218-

PROJECT

PROJECT			
ТҮРЕ			
SPECIFIER			
QUANTITY			
DATE			



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A35221-

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

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ТҮРЕ
SPECIFIER
QUANTITY
DATE

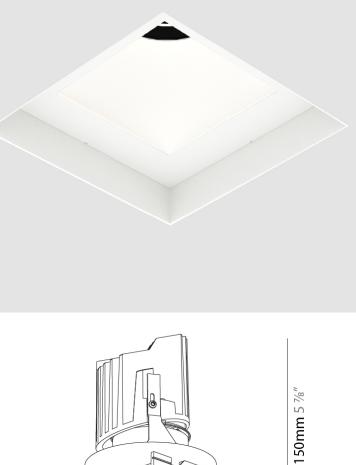
base number	LED Dimming	Color Temperature	Finishes (Diamond)	Finishes (Triangle)	Finishes (Circle)	Ceiling Thickness	Reflector Options
the base mo 2. To build a	del # produc manual pro	duct code on t	his datashee	et choose fro	om the		
		lue font and a					
GENERAL							
Series: Bioni	q						
Subseries: B	ioniq Squar	e Deep Comfo	rt				
Brand: Prolie	cht						
Division: Arc	hitectural						
Mounting Ty	pe: Trimles	s					
Mounting Lo	cation: Ceil	ing					
Subcategory	: Downlight	:					
PHYSICAL							
Shape: Squa	ire						
Length (mm)							
Length (in): 4							
Width (mm):							
Width (in): 4							
Height (mm)							
Height (in): 5	-						
	-	10 / 12.5 / 15	/ 25				
		/8 or 1/2 or 9/1					
Min. Recessi							
Min. Recessi							
Light Distrib	-						
		liigin					
Weight (kg): Weight (lbs):							
Fixture Finis	h: SSR / BK\ FRO / FUP /	/ / CWI / CRY / KIA / POP / BL MOS / ROR					
Fixture Mate							
		120mm / 4 3/4	4" x 120mm	/ 4 3/4"			
		eiling Thickne					
ELECTRICAL							
Lamp Type:		Standard)					
Input Wattag		Stanuaru)					
Total Output		V)· 14 5					
		1-Dimming an	d Phase Dim	ming (120\/	ac only)		
and 0-10V Di		. Emming di	a i nuse Dill	6 (1200	ac onty/		
Driver Includ							
Driver Locati	ion: Recesse	ed Housing					
Driver Type:	Constant C	urrent - Unive	rsal				The second secon
Driver Class:							
Housing: See	e componer	its					
Input Voltag	e (V): 120 - 2	77					
Constant Cu	rrent (MA): 5	500					
LED							$\frac{106mm_{4,3_{16}''}}{118mm_{4,5_{6}''}} \frac{106mm_{4,3_{16}''}}{106mm_{4,5_{6}''}} \frac{106mm_{4,3_{16}''}}{172mm_{6,3_{14}''}}$
Number of L	EDs: 1						100mm 4 3/16
Color Tempe	erature (°K):	2700 / 3000 /	3500 / 4000				$\frac{106mm_{4^{3/16''}}}{106mm_{4^{3/16''}}}$
Max. Deliver	ed Lumen (l	m): 940 / 980 ,	/ 1029 / 1050	)			$7_{18mm} 4_{\frac{3}{56^{''}}}$ 106mm $6^{3/4''}$
Nominal Lur	nen (lm): 13	86 / 1438 / 15	11/1542				172min
CRI: >90 CRI							
Efficiency (%	b): 87.9 / 88.4	4 / 87.9					
Lamp Life (h							
		unable White	Special Colo	or Temperat	ure		$120 \times 120 \text{mm} \qquad 170 \text{mm} \qquad 10 \mid 12 \not 1/4 \mid 15 \mid 25 \text{mm} \\ 4^{3}/4'' \times 4^{3}/4'' \qquad 6^{11/6''} \qquad 3/6'' \qquad 1/2''' \qquad \%6''' \qquad 1''$
OPTICAL							

#### OPTICAL

Reflector°: 20 / 40 / 60

Upon Request: Special Beam Angles

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

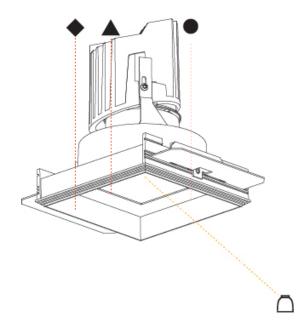


PROJECT

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

A35221-

PROJECT



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## **ZANEEN**<sub>®</sub>

### BIONIQ

**Fixture Finish** 

PROJECT

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 pivotable 1 rotating warm dim / natural dimming LED wall and ceiling: recessed and surface mounted 0 0 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) Y omni-directional light distribution 1 length of suspension cable CRI color rendering index Ä $\square$ direct light distribution reflector degree selection °K color temperature H direct/indirect light distribution s s super spot (LM) lumen (luminous flux) $\mathbf{Y}$ Å LM indirect light distribution lens efficacy (lumens per watt)

-					
ļ	asymmetric light distribution	8	lens pack	UGR	Unified Glare Rating (UGR) range from 5-40
	aura light distribution	0	shine ring	318	marine grade (AISI 316 stainless steel)
20	round wall or ceiling cut-out	$\odot$	integrated shine ring with diffuser	۲	walk on
1	square wall or ceiling cut-out	Ó	free individual colors 01-29	۲	drive on
]	the supplied jig specifies the cutout dimensions	C	individual colors: 00 (free of charge), 01-25 (extra charge)	<b>B</b> sc	Dark Sky Compliance
	minimum distance (meters) lamp - object	$\blacklozenge$	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)	acoustic material
	dimmable DP (phase), DV (0-10V), DD (dali), DS (step-dim)		luminaire part to be colored (F5)		protection class I, protection insulation
þ	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
1	sensor	Ø	direct diffuser	c (H) us	UL Certified to UL and CSA Standards
9	remote control	$\odot$	ball-proof (upon request)	۹.	CSA Certified to UL and CSA Standards
]	available upon request	U	accessory	2	Certified for North American Standards
1					C

### **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
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)
IK02	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)

September 26, 2024, 5:07 pm