### **BIONIQ SQUARE DEEP TRIMLESS**

1	PRC	JE	СТ

PROJECT			
TYPE			
SPECIFIER			
QUANTITY			
DATE			

base number	LED	Color	Finishes	Finishes	Finishes	Ceiling	Reflector
	Dimming	Temperature	(Diamond)	(Triangle)	(Circle)	Thickness	Options

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: Bionig
Subseries: Bioniq Square Deep
Brand: Prolicht
Division: Architectural
Mounting Type: Trimless
Mounting Location: Ceiling
Subcategory: Downlight
PHYSICAL Change Course
Shape: Square
Diameter (mm): 95
Diameter (in): 3 <sup>3</sup> / <sub>4</sub>
Length (mm): 106
Length (in): $4^{3}_{16}$
Width (mm): 106
Width (in): $4\frac{3}{16}$
Depth (mm): 150
Depth (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 <sup>11</sup> / <sub>16</sub>
Light Distribution: Downlight
Weight (kg): 0.705
Weight (lbs): 1.55
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
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

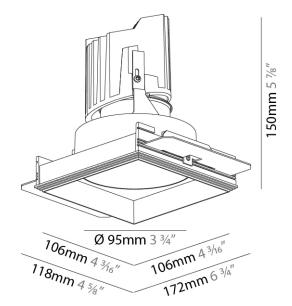
Reflector°: 20 / 40 / 60

Upon Request: Special Beam Angles

#ATTINGS MND CERTIFICATIONS-3382, F 416-247-9319, www.zaneen.com

Available of the entitient of the second of the entitient 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







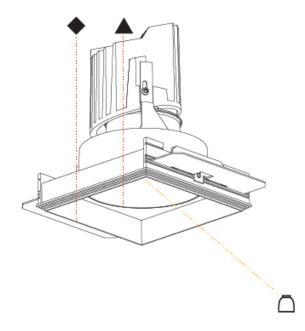
June 22, 2024, 3:13 pm

### **BIONIQ SQUARE DEEP TRIMLESS**

A35218-

PROJECT

PROJECT			
ТҮРЕ			
SPECIFIER			
QUANTITY			
DATE			





Available for International specifications by adding 'INT' at the end 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

A35221-

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

TYPE		
SPECIFIER		
QUANTITY		
DATE		

AJJZZI	-			-	-	-	-
base number	LED Dimming	Color Temperature	Finishes (Diamond)	Finishes (Triangle)	Finishes (Circle)	Ceiling Thickness	Reflector Options
1.To build a p	product cod	e in our config	urator selec	t the specify	button on		
the base mod	del # produc	t page					
	1	duct code on t					
options listed	d below in b	lue font and ad	dd the suffix	to the base	model #		
GENERAL							
Series: Bionio	9						
		e Deep Comfo	rt				
Brand: Prolic							
Division: Arch							
Mounting Ty	•						
Mounting Lo		•					
Subcategory	: Downlight						
PHYSICAL							
Shape: Squa	re						
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)							
Height (in): 5	-						
		10 / 12.5 / 15 /	/ 25				
		/8 or 1/2 or 9/1					
Min. Recessir							
Min. Recessir							
Light Distribu							
Weight (kg): (							
Weight (lbs):							
MIC / FTG / M	IYG / TWT /	/ / CWI / CRY / I LOD / PUS / FF / COM / ABZ / 、	RO / FUP / K	IA / POP / BI	RUA / RUR / LS / SPG /		
Fixture Mater			1 - 1				
		120mm / 4 3/4	l" x 120mm	/ 4 3/4"			
		eiling Thickne		, -,			
ELECTRICAL							
Lamp Type: I		Standard)					
Input Wattag		Standard					
Total Output		/): 14.5					
	-	n-Dimming and	d Phase Din	nming (120)	(ac only)		
and 0-10V Di		. Summe and	a i nase pili		ac only/		
Driver Includ	ed: No						
Driver Locati	on: Recesse	d Housing					
		urrent - Univer	rsal				
Driver Class:							
Housing: See	componen	its					
Input Voltage	e (V): 120 - 2	77					
Constant Cur	rrent (MA): 5	500					
LED							
Number of LI	EDs: 1						106mm
		2700 / 3000 / 3	3500 / 4000				$\frac{106mm_{4,3/6''}}{118mm_{4,5/4''}} \frac{106mm^{4}}{106mm^{4}}$
		m): 940 / 980 /		)			$1_{18mm} 4_{5\%}$ 106mm
		86 / 1438 / 151					172mn
CRI: >90 CRI			,				
Efficiency (%	): 87.9 / 88.4	4 / 87.9					
Lamp Life (hi		,					
· · · · · · · · · · · · · · · · · · ·		unable White	Special Colo	or Temperat	ture		120 x 120mm 4 <sup>3</sup> / <sub>4</sub> " x 4 <sup>3</sup> / <sub>4</sub> " → 170mm 6 <sup>1</sup> % <sub>6</sub> " → 10   12 ½   15   25mm 3/ <sub>8</sub> " <sup>1</sup> / <sub>2</sub> " % <sub>6</sub> " 1"
OPTICAL							

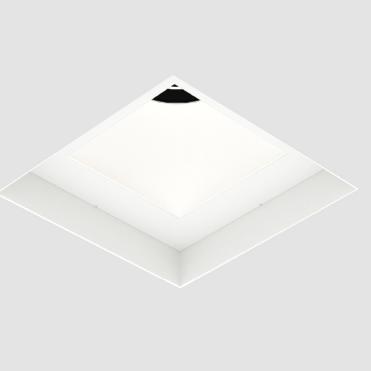
#### OPTICAL

Reflector°: 20 / 40 / 60

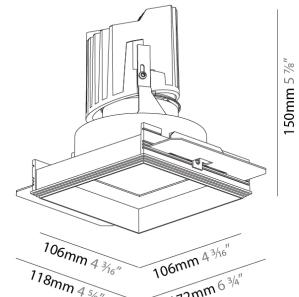
Upon Request: Special Beam Angles

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

የሚ**ትርክትሮ (አውር) ትርድብቲክክይቭ የምናትሪክትሮ ብዙ አስትር ትርክትር ትር ርክትር ትርክትር ትር ትርክትር ትርክትር ትርክትር ትርክትር ትርክትር ትርክትር ትርክትር ትርክት** 



PROJECT





**BIONIQ SQUARE DEEP COMFORT TRIMLESS** 

A35221-

PROJECT

TYPE		
SPECIFIER		
QUANTITY		
DATE		



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### **BIONIQ** COLOR FINISH CHART

**Fixture Finish** 

PRO IECT

PROJECT			
ТҮРЕ			
SPECIFIER			
QUANTITY			
DATE			

Sparkling Silver - 01 (SSR)	Black Velvet - 02 (BKV)	Crystal White - 03 (CWI)	Creamy - 04 (CRY)	Hampton Bay - 05 (HAB)	Lagoon - 06 (LAG)
Urban Forest - 07 (UFT)	In the Army - 08 (ITA)	Rusty Angel - 09 (RUA)	Rusty Rush - 10 (RUR)	Milk and Chocolate - 11 (MIC)	Fade to Gray - 12 (FTG)
Mysterious Gray - 13 (MYG)	Twilight - 14 (TWT)	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 betwee Physical: When texture is involved, there will be variations in color, character and tone within a pro

and between product families.

Gun Metal: No Gun Metal finish is alike. It combines a mixture of transparent and black color particles and success a highly individual effect and no luminaire being identical.

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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 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) -> $\mathbb{Y}$ 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 0 ÷ marine grade (AISI 316 stainless steel) Ă aura light distribution 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 Ċ the supplied jig specifies the cutout dimensions 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 lamp protected against explosion recessed depth luminaire part to be colored (F2) blown glass using traditional methods by master € ceiling thickness in mm luminaire part to be colored (F3) A glass blower

	ceiling thickness selection		luminaire part to be colored (F4)	<b>(</b> )	acoustic material
	dimmable DP (phase), DV (0-10V), DD (dali), DS (step-dim)		luminaire part to be colored (F5)		protection class l, protection insulation
с <u>т</u>	included or excluded LED driver/transformer/ control gear		color of 3-circuit adaptor		protection class II, protection insulation
У		$\odot$	indirect diffuser		ETL Certified to UL and CSA Standards
シリ	sensor	0	direct diffuser	c (H) us	UL Certified to UL and CSA Standards
$\bigcirc$	remote control	$\mathfrak{G}$	ball-proof (upon request)	SP:	CSA Certified to UL and CSA Standards
2	available upon request	0	accessory	$\mathbb{Z}$	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
1967	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	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)
К04	protected against 0.5 joules impact (equivalent to 0.25kg mass dropped from 200mm above the surface)
1K05	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)
IK09	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)