BIONIQ SQUARE DEEP TRIMLESS

INOJECI	
ТҮРЕ	
SPECIFIER	
QUANTITY	
DATE	

A35218	·	-	-	-	-	-	-
base number	LED Dimming	Color Temperature	Finishes (Diamond)	Finishes (Triangle)	Finishes (Circle)	Ceiling Thickness	Reflector Options
, the base mo 2. To build a	del # product manual proc	in our configu page luct code on th ue font and add	is datasheet	choose from	the		
GENERAL							
Series: Bioni	q						
Subseries: Bi	oniq Square	Deep					
Brand: Prolic	:ht						
Division: Arc	hitectural						
Mounting Ty	pe: Trimless						
Mounting Lo	cation: Ceili	ng					

PHYSICAL

Subcategory: Downlight

PHYSICAL	
Shape: Square	
Diameter (mm): 95	
Diameter (in): 3 ¾	
Length (mm): 106	
Length (in): $4\frac{3}{16}$	
Width (mm): 106	
Width (in): $4\frac{3}{16}$	
Depth (mm): 150	
Depth (in): 5 1/8	
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 ¹¹ / ₁₆	
Light Distribution: Downlight	
Weight (kg): 0.705	_
Weight (lbs): 1.55	
Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MY	
LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / GUM / CHO	:/
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

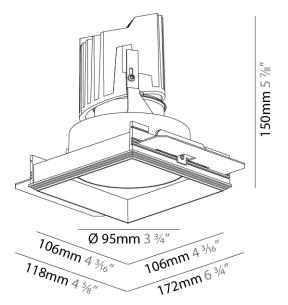
Color Temperature (°K): 2700 / 3000 / 3500 / 4000	
Max. Delivered Lumen (lm): 940 / 980 / 1029 / 1050	
Nominal Lumen (lm): 1386 / 1438 / 1511 / 1542	
CRI: >90 CRI	
Efficiency (%): 87.9 / 88.4 / 87.9	
Lamp Life (hrs): 50000	
Upon Request: RGB-W Tunable White Special Color Temperature Special LED	

OPTICAL

Reflector°: 20 / 40 / 60

Upon Request: Special Beam Angles

Available of the entities of the entities of the entities 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







BIONIQ SQUARE DEEP TRIMLESS

A35218-

PROJECT

PROJECT				
TYPE	-			
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A35221-

BIONIQ SQUARE DEEP COMFORT TRIMLESS

TYPE	
SPECIFIER	
QUANTITY	
DATE	

PROJECT

ASSZZI	-	-	-	-	-	-	-
base number	LED Dimming	Color Temperature	Finishes (Diamond)	Finishes (Triangle)	Finishes (Circle)	Ceiling Thickness	Reflector Options
		e in our config	urator select	t the specify	button on		
	manual pro	duct code on t lue font and a					
	u below in bi	lue iont unu u	uu une sunnx	to the buse	mouel #		
GENERAL	-						
Series: Bioni	•	o Doon Comfo	. r+				
Brand: Prolie		e Deep Comfo	bri				
Division: Arc							
Mounting Ty							
Mounting Lo	•						
Subcategory		-					
PHYSICAL	0						
Shape: Squa	aro						
Length (mm							
Length (in): 4	2						
Width (mm):							
Width (in): 4							
Height (mm)							
Height (in): 5	-						
		10 / 12.5 / 15	/ 25				
		'8 or 1/2 or 9/2					
Min. Recessi			10 01 1				
Min. Recessi							
Light Distrib							
Weight (kg):							
Weight (lbs):							
Fixture Finis	h: SSR / BKV FRO / FUP /	/ CWI / CRY / KIA / POP / BL MOS / ROR					
Fixture Mate							
		120mm / 4 3/4	4" x 120mm	/ 4 3/4"			
		eiling Thickn					
ELECTRICAL	L						
Lamp Type:	LED (Zhaga	Standard)					
Input Wattag							
Total Output		V): 14.5					
Dimming: Tr	ri-Mode (Nor	n-Dimming an	d Phase Dim	nming (120V	ac only)		
and 0-10V Di	0.						
Driver Incluc							
Driver Locat		-					a B
		urrent - Unive	rsal				
Driver Class: Housing: See		+-					
Input Voltag							
Constant Cu							
LED	FD: 1						$\frac{106mm}{128m} = \frac{106mm}{106mm} \frac{4^{3/16''}}{106mm} = \frac{106mm}{106mm} \frac{4^{3/16''}}{106mm} = \frac{1000}{100}$
Number of L		2700 / 3000 /	2500 / 4000				1/1/m 4 3/1/1 1 06mm 4 /
		m): 940 / 980)			118mm 63/4"
		86 / 1438 / 15		,			$\frac{106 \text{mm}_{4_{3}}}{118 \text{mm}_{4_{5}}} \frac{106 \text{mm}}{106 \text{mm}} 4^{3/6''}}{172 \text{mm}_{6_{5}}}$
CRI: >90 CRI		, 1.50, 15	/ 10 12				
Efficiency (%	6): 87.9 / 88.4	4/87.9					
Lamp Life (h		,					
		unable White	Special Colo	or Temperat	ure		$120 \times 120 \text{mm} \\ 4^{3}/4'' \times 4^{3}/4''} \\ 170 \text{mm} \\ 6^{11}/_{4''} \\ 10 12 \frac{12}{2} 15 25 \text{mm} \\ 3/_{8''} 1/_{2''} \\ \%_{8''} \\ 1''' \\ 1''' \\ 1'' \\ 1'' \\ 1'' \\ 1'' \\ 1'' \\ 1''' \\ 1'' \\ 1''' \\ 1'''' $
OPTICAL							
Reflector ^o : 2	0 / 40 / 60						A
Upon Reque	st: Special P	Beam Angles					

Upon Request: Special Beam Angles

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

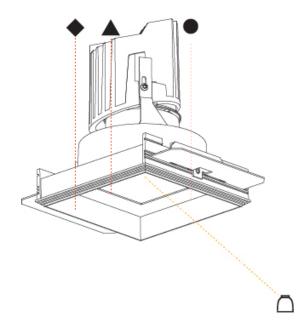
150mm 5 7/8"

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ZANEEN_®

BIONIQ

Fixture Finish

PROJECT

PROJECT		
ТҮРЕ		
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

<u> </u>	floor-mounted	¥	pivotable	\circledast	special LED (upon request) RGB, RGBW, tunable, gold+, meat+, art+, fashion+
7	wall and ceiling: recessed and surface mounted	C	rotating	0	warm dim / natural dimming LED
Î	ceiling-mounted and wall-mounted	K	illuminate tilted	0	rechargeable battery powered
\rightarrow	wall-mounted	T	color of suspension cable	1000 H	fixture with natural vivid LED (upon request)
Y	omni-directional light distribution		length of suspension cable		color rendering index
Ä	direct light distribution	Δ	reflector degree selection	°K	color temperature
	direct/indirect light distribution	s s	super spot	LM	lumen (luminous flux)
Y	indirect light distribution	¥.	lens	€	efficacy (lumens per watt)
	asymmetric light distribution	Ð	lens pack	UGR	Unified Glare Rating (UGR) range from 5-40
Ä	aura light distribution	0	shine ring	€;	marine grade (AISI 316 stainless steel)
R	round wall or ceiling cut-out	\odot	integrated shine ring with diffuser	6	walk on
5	square wall or ceiling cut-out	Ċ	free individual colors 01-29	۲	drive on
d d	the supplied jig specifies the cutout dimensions	ů).	individual colors: 00 (free of charge), 01-25 (extra charge)	BSC	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)	<u></u>	lamp protected against explosion
1	ceiling thickness in mm		luminaire part to be colored (F3)		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
<u>م</u>	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
シ	sensor	D	direct diffuser	c (H) us	UL Certified to UL and CSA Standards
	remote control	\odot	ball-proof (upon request)	(CSA Certified to UL and CSA Standards
2	available upon request	U	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
IP65	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)
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)
IK04	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)
КОб	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)
К10	protected against 20 joules impact (equivalent to 5.0kg mass dropped from 400mm above the surface)

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