ZANEEN_®

BIONIQ SQUARE DEEP TRIMLESS

TROJECT		
ТҮРЕ		
SPECIFIER		
QUANTITY		
DATE		

base number	LED Dimming	Color Temperature	Finishes (Diamond)	Finishes (Triangle)	Finishes (Circle)	Ceiling Thickness	Reflecto Options
the base mod 2. To build a	del # product manual proc	in our configur page luct code on thi ue font and adc	s datasheet	choose from	the		
GENERAL							
Series: Bioni	9						
Subseries: Bi	oniq Square	Deep					
Brand: Prolic	ht						
Division: Arcl	nitectural						
Mounting Ty	pe: Trimless						
Mounting Lo	cation: Ceilir	ıg					
Subcategory	: Downlight						
PHYSICAL							
Shape: Squa	re						
Diameter (m	m): 95						
Diameter (in)	: 3 ³ / ₄						
Length (mm)	: 106						
Length (in): 4	3/16						
Width (mm):	106						
Width (in): 4	3/16						
Depth (mm):	150						
Deptii (iiiii).	100						

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): 6¹¹/₁₆

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	

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 EEDS. 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 1	Femperature

re 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 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

106mm 4 3/16

120 x 120mm 170mm 10 | 12 ½ | 15 | 25mm

3/8" 1/2" %16"

6 11/16"

3/4" x 4 3/4

118mm 4 5/8

Ø 95mm 3 3/4"

106mm 43/16"

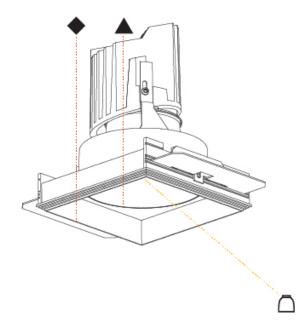
172mm 6 3/4"

150mm 5 7%"

BIONIQ SQUARE DEEP TRIMLESS

A35218-

PROJECT			
ТҮРЕ			
SPECIFIER			
QUANTITY			
DATE			



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A35221-

BIONIQ SQUARE DEEP COMFORT TRIMLESS

ТҮРЕ
SPECIFIER
QUANTITY
DATE

PROJECT

AJJZZI		
base number LED Color Finishes Finishes Finishes Dimming Temperature (Diamond) (Triangle) (Circle)	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): $4\frac{3}{16}$	-	
Height (mm): 150	-	
Height (in): 5 ⁷ / 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): 0.717	-	
Weight (lbs): 1.58	-	
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): 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	_	and a second
Driver Type: Constant Current - Universal	_	
Driver Class: Class 2	_	
Housing: See components	_	
Input Voltage (V): 120 - 277	-	
Constant Current (MA): 500	-	
LED		10
Number of LEDs: 1		106mm 4 3/16
Color Temperature (°K): 2700 / 3000 / 3500 / 4000	-	$\frac{106mm}{4_{3}} \frac{4^{3}}{5_{8}} \frac{106mm}{106mm} \frac{4^{3}}{10^{6}} \frac{1}{172mm} \frac{4^{3}}{6^{3}} \frac{1}{4^{11}} \frac{1}{172mm} \frac{1}{6^{3}} \frac{1}{4^{11}} \frac{1}{106mm} \frac{1}{$
Max. Delivered Lumen (lm): 940 / 980 / 1029 / 1050	_	118mm 4 3/6" 106min 6 3/4"
Nominal Lumen (lm): 1386 / 1438 / 1511 / 1542	-	172min
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	-	$\begin{array}{c c c c c c c c c c c c c c c c c c c $
OPTICAL		
Reflector°: 20 / 40 / 60	-	A
Upon Request: Special Beam Angles		

Upon Request: Special Beam Angles

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

150mm 5 7/8"

BIONIQ SQUARE DEEP COMFORT TRIMLESS

A35221-

PROJECT

TYPE		
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DATE		



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BIONIQ

Fixture Finish

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 Y pivotable \circledast 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) -> ¥ omni-directional light distribution 1 length of suspension cable CRI color rendering index Ä direct light distribution Δ reflector degree selection °K) color temperature s s direct/indirect light distribution LM) super spot lumen (luminous flux) Ť Y LM indirect light distribution lens efficacy (lumens per watt) asymmetric light distribution R UGR Unified Glare Rating (UGR) range from 5-40 lens pack Ä 0 ÷ marine grade (AISI 316 stainless steel) 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 the supplied jig specifies the cutout dimensions Ċ DSC Dark Sky Compliance charge) Americans with Disabilities Act (less than 4" off the wall located between 27"-84" from floor) minimum distance (meters) lamp - object (++) luminaire part to be colored (F1) Ġ • Î R lamp protected against explosion recessed depth luminaire part to be colored (F2) blown glass using traditional methods by master 1 ceiling thickness in mm luminaire part to be colored (F3) Å glass blower ceiling thickness selection ▲)) acoustic material luminaire part to be colored (F4)

	centing effection			12	
- Churrantia	dimmable DP (phase), DV (0-10V), DD (dali), DS (step-dim)		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
R		\odot	indirect diffuser		ETL Certified to UL and CSA Standards
シ	sensor	0	direct diffuser	c (H) us	UL Certified to UL and CSA Standards
Ĩ	remote control	$_{\odot}$	ball-proof (upon request)	۹.	CSA Certified to UL and CSA Standards
2	available upon request	0	accessory	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)
1940	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
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)

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