ZANEEN_®

BIONIQ SQUARE DEEP TRIMLESS

PROJECT

ТҮРЕ	
SPECIFIER	
QUANTITY	
DATE	

base number	LED	Color	Finishes	Finishes	Finishes	Ceiling
	Dimming	Temperature	(Diamond)	(Triangle)	(Circle)	Thickness
1.To build a p	product code	in our configu	rator select t	he specify bu	itton on	

Reflector

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

A35218-

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): $4^{3}/_{16}$
Depth (mm): 150
Depth (in): $5\frac{7}{8}$
Ceiling Thickness (mm): 10 / 12.5 / 15 / 25
Ceiling Thickness (ini): 1/ 12/ 13/ 23 Ceiling Thickness (in): 3/8 or 1/2 or 9/16 or 1
Min. Recessing Depth (mm): 170
Min. Recessing Depth (init): 1^{10}
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 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

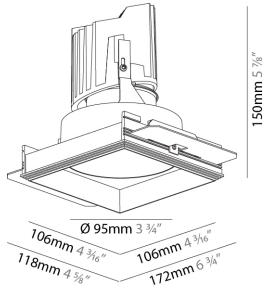
Reflector°: 20 / 40 / 60

Upon Request: Special Beam Angles

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

Available of the 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	-			
SPECIFIER				
QUANTITY				
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A35221-

BIONIQ SQUARE DEEP COMFORT TRIMLESS

TYPE		
SPECIFIER		
QUANTITY		
DATE		

PROJECT

NJJZZI	-	-	-		-	-	
base number	LED Dimming	Color Temperature	Finishes (Diamond)	Finishes (Triangle)	Finishes (Circle)	Ceiling Thickness	Reflector Options
1.To build a r	product cod	e in our config	urator selec	t the specify	button on		
the base mod							
	1	duct code on t					
options listed	d below in b	lue font and a	dd the suffix	to the base	model #		
GENERAL							
Series: Bionio	q						
Subseries: Bi	oniq Squar	e Deep Comfo	ort				
Brand: Prolic	ht						
Division: Arcl	hitectural						
Mounting Ty	pe: Trimless	5					
Mounting Lo	cation: Ceili	ing					
Subcategory	: Downlight						
PHYSICAL							
Shape: Squa	re						
Length (mm)	: 106						
Length (in): 4	↓ ³ / ₁₆						
Width (mm):	106						
Width (in): 4							
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): (<u> </u>					
Weight (lbs):							
Fixture Finish	h: SSR / BKV FRO / FUP /	/ CWI / CRY / KIA / POP / BL MOS / ROR					
Fixture Mater							
		120mm / 4 3/4	4" x 120mm	/ 4 3/4"			
		ceiling Thickne		,, .			
ELECTRICAL							
Lamp Type: L		Standard)					
Input Wattag		canaaraj					
Total Output		/): 14.5					
· · ·	U .	n-Dimming an	d Phase Dim	ming (120V	ac only)		
and 0-10V Di		. Summ ₆ an	a r nase bill		ac oncy)		
Driver Includ							
Driver Locati	on: Recesse	d Housing					
		urrent - Unive	rsal				6
Driver Class:	Class 2						
Housing: See	componen	its					
Input Voltage	e (V): 120 - 2	77					
Constant Cur	rrent (MA): 5	500					
LED							$\frac{106mm_{4,3/16''}}{118mm_{4,5/8''}} \frac{106mm_{4,3/16''}}{106mm_{4,5/8''}} \frac{106mm_{4,3/16''}}{172mm_{6,3/4''}}$
Number of L	EDs: 1						$\frac{106mm}{118m} 4_{3/6''} \frac{106mm}{106mm} 4^{3/16''} \frac{1}{3/6''}$
Color Tempe	erature (°K):	2700 / 3000 /	3500 / 4000				110 7 % _{16"} 106m"
Max. Delivere	ed Lumen (l	m): 940 / 980 /	/ 1029 / 1050)			718mm 4 5/8" 106mm 6 3/4"
	nen (lm): 13	86 / 1438 / 153	11 / 1542				172min
CRI: >90 CRI							
Efficiency (%): 87.9 / 88.4	4/87.9					
Lamp Life (hı							
Special LED	st: RGB-W T	unable White	Special Colo	or Temperat	ure		120x 120mm 170mm 10 12 ½ 15 25mm 4 ³ / ₄ " x 4 ³ / ₄ " 6 ¹ / ₁₆ " ³ / ₈ " ¹ / ₂ " ⁹ / ₁₆ " 1"
OPTICAL							

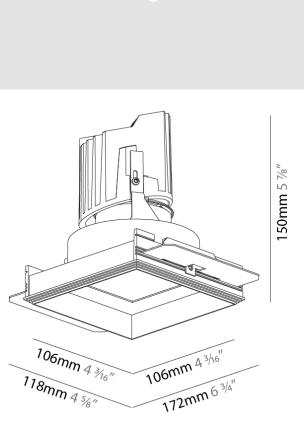
OPTICAL

Reflector°: 20 / 40 / 60

Upon Request: Special Beam Angles

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

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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

		_			
↓	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
\uparrow	ceiling-mounted and wall-mounted	K	illuminate tilted	Ø	rechargeable battery powered
\rightarrow	wall-mounted	T	color of suspension cable		fixture with natural vivid LED (upon request)
Y	omni-directional light distribution	→	length of suspension cable	CRI	color rendering index
Ä	direct light distribution	Δ	reflector degree selection	€К	color temperature
	direct/indirect light distribution	s s	super spot	LM	lumen (luminous flux)
Y	indirect light distribution	Å	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	318	marine grade (AISI 316 stainless steel)
R	round wall or ceiling cut-out	\odot	integrated shine ring with diffuser	٢	walk on
5	square wall or ceiling cut-out	D.	free individual colors 01-29		drive on
d d	the supplied jig specifies the cutout dimensions	i Co	individual colors: 00 (free of charge), 01-25 (extra charge)	O SC	Dark Sky Compliance
(++) M++	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)		blown glass using traditional methods by master glass blower
	ceiling thickness selection		luminaire part to be colored (F4)	(ه)	1943
	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
У	separately switchable	\odot	indirect diffuser		ETL Certified to UL and CSA Standards
シ	sensor	D	direct diffuser	c (U) us	UL Certified to UL and CSA Standards
	remote control	\odot	ball-proof (upon request)	S	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
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)
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)
IK10	protected against 20 joules impact (equivalent to 5.0kg mass dropped from 400mm above the surface)

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