BIONIQ SQUARE DEEP TRIMLESS

INOJECI	
ТҮРЕ	
SPECIFIER	
QUANTITY	
DATE	

A35218	}-	-	-	-	-	-	-
base number	LED Dimming	Color Temperature	Finishes (Diamond)	Finishes (Triangle)	Finishes (Circle)	Ceiling Thickness	Reflecto Options
the base mo 2. To build a	del # product manual prod	e in our configu t page duct code on th ue font and add	is datasheet	choose from	the		
Series: Bioni	q						
Subseries: B	ioniq Square	Deep					
Brand: Prolic	cht						
Division: Arc	hitectural						
Mounting Ty	pe: Trimless						
Mounting Lo	cation: Ceili	ng					

PHYSICAL

Subcategory: Downlight

PHYSICAL	
Shape: Square	
Diameter (mm): 95	
Diameter (in): 3 ³ / ₄	
Length (mm): 106	
Length (in): 4 ³ / ₁₆	
Width (mm): 106	
Width (in): $4\frac{3}{16}$	
Depth (mm): 150	
Depth (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): 0.705	
Weight (lbs): 1.55	
Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / F ⁻ LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / GU 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 (120Va and 0-10V Dimming)	c only)
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 Special LED	

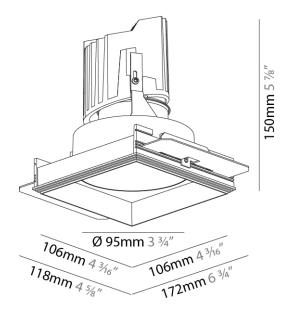
OPTICAL

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	-			
SPECIFIER				
QUANTITY				
DATE				



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A35221-

BIONIQ SQUARE DEEP COMFORT TRIMLESS

ТҮРЕ
SPECIFIER
QUANTITY
DATE

base number								
	LED Dimming	Color Temperature	Finishes (Diamond)	Finishes (Triangle)	Finishes (Circle)	Ceiling Thickness	Reflector Options	
1.To build a	product code	e in our config	urator select	t the specify	button on			
the base mo	del # produc	t page						
2. To build a	manual prod	duct code on t						
options listed	d below in bl	lue font and ad	dd the suffix	to the base i	model #			
GENERAL								
Series: Bioni	a							
	•	e Deep Comfo	rt					
Brand: Prolic								
Division: Arc								
Mounting Ty		:						
	•							
Mounting Lo		-						
Subcategory	Downlight							
PHYSICAL								
Shape: Squa	re							
Length (mm)): 106							
Length (in): 4	4 ³ / ₁₆							
Width (mm):								
Width (in): 4								
	10							
Height (mm)	-							
Height (in): 5	-	10/10 5/15	105					
		10 / 12.5 / 15 /						
-		8 or 1/2 or 9/1	.6 Or 1					
Min. Recessi	<u> </u>							
Min. Recessi								
Light Distrib	ution: Down	light						
Weight (kg):	0.717							
Weight (lbs):	1.58							
	FRO / FUP / I	/ CWI / CRY / I KIA / POP / BL MOS / ROR						
Fixture Mate								
		120mm / 4 3/4	" x 120mm	/ 4 3/4"				
		eiling Thickne		, .				
ELECTRICAL								
Lamp Type: I		Standard)						
	ge (W): 15.5							
Input Wattag								
Total Output	-							KC
Total Output Dimming: Tr	i-Mode (Non	/): 14.5 n-Dimming and	d Phase Dim	iming (120V	ac only)			
Total Output Dimming: Tr and 0-10V Di	i-Mode (Non mming)		d Phase Dim	iming (120V	ac only)			
Total Output Dimming: Tr and 0-10V Di Driver Includ	i-Mode (Non mming) led: No	n-Dimming and	d Phase Dim	iming (120V	ac only)			
Total Output Dimming: Tr and 0-10V Di Driver Includ Driver Locati	i-Mode (Non mming) led: No ion: Recesse	n-Dimming and		iming (120V	ac only)			
Total Output Dimming: Tr and 0-10V Di Driver Includ Driver Locati Driver Type:	i-Mode (Non mming) led: No ion: Recesse Constant Cu	n-Dimming and		iming (120V	ac only)			
Total Output Dimming: Tr and 0-10V Di Driver Includ Driver Locati	i-Mode (Non mming) led: No ion: Recesse Constant Cu	n-Dimming and		iming (120V	ac only)			
Total Output Dimming: Tr and 0-10V Di Driver Includ Driver Locati Driver Type:	i-Mode (Non mming) led: No ion: Recesse Constant Cu Class 2	n-Dimming and d Housing urrent - Univer		aming (120V	ac only)			
Total Output Dimming: Tr and 0-10V Di Driver Includ Driver Locati Driver Type: Driver Class:	i-Mode (Non mming) led: No ion: Recesse Constant Cu Class 2 e componen	n-Dimming and ed Housing urrent - Univer ts		ming (120V	ac only)			
Total Output Dimming: Tr and 0-10V Di Driver Includ Driver Includ Driver Type: Driver Class: Housing: See	i-Mode (Non mming) led: No ion: Recesse Constant Cu Class 2 e componen e (V): 120 - 2	d Housing urrent - Univer ts 77		ming (120V	ac only)			
Total Output Dimming: Tr and 0-10V Di Driver Includ Driver Locati Driver Type: Driver Class: Housing: See Input Voltage Constant Cu	i-Mode (Non mming) led: No ion: Recesse Constant Cu Class 2 e componen e (V): 120 - 2	d Housing urrent - Univer ts 77		ming (120V	ac only)			
Total Output Dimming: Tr and 0-10V Di Driver Includ Driver Locati Driver Type: Driver Class: Housing: See Input Voltag Constant Cur	i-Mode (Non mming) led: No ion: Recesse Constant Cu Class 2 e componen e (V): 120 - 2 rrent (MA): 5	d Housing urrent - Univer ts 77		ming (120V	ac only)			106mr
Total Output Dimming: Tr and 0-10V Di Driver Includ Driver Locati Driver Type: Driver Class: Housing: See Input Voltag Constant Cu LED Number of L	i-Mode (Non mming) led: No ion: Recesse Constant Cu Class 2 e componen e (V): 120 - 2 rrent (MA): 5 EDs: 1	ed Housing urrent - Univer ts 77 600	sal	ming (120V	ac only)			106mm 4 3/1-11
Total Output Dimming: Tr and 0-10V Di Driver Includ Driver Locati Driver Type: Driver Class: Housing: See Input Voltag Constant Cu LED Number of L Color Tempe	i-Mode (Non mming) led: No ion: Recesse Constant Cu Class 2 e componen e (V): 120 - 2 rrent (MA): 5 EDs: 1 erature (°K):	a-Dimming and ad Housing urrent - Univer ts 77 500 2700 / 3000 / 3	rsal 3500 / 4000		ac only)			106mm 4 3/16"
Total Output Dimming: Tr and 0-10V Di Driver Includ Driver Locati Driver Type: Driver Class: Housing: See Input Voltag Constant Cu LED Number of L Color Tempe Max. Deliver	i-Mode (Non mming) led: No ion: Recesse Constant Cu Class 2 e componen e (V): 120 - 2 rrent (MA): 5 EDs: 1 erature (°K): ed Lumen (In	a-Dimming and ad Housing urrent - Univer ts 77 500 2700 / 3000 / 3 m): 940 / 980 /	rsal 3500 / 4000 1029 / 1050		ac only)			106mm 4 3/16" 118mm 4 5/1"
Total Output Dimming: Tr and 0-10V Di Driver Includ Driver Locati Driver Type: Driver Class: Housing: See Input Voltag Constant Cu LED Number of L Color Tempe Max. Deliver Nominal Lun	i-Mode (Non mming) led: No ion: Recesse Constant Cu Class 2 e componen e (V): 120 - 2 rrent (MA): 5 EDs: 1 erature (°K): ed Lumen (In	a-Dimming and ad Housing urrent - Univer ts 77 500 2700 / 3000 / 3	rsal 3500 / 4000 1029 / 1050		ac only)			106mm 4 3/16" 118mm 4 5/8"
Total Output Dimming: Tr and 0-10V Di Driver Includ Driver Locati Driver Type: Driver Class: Housing: See Input Voltag Constant Cu LED Number of L Color Tempe Max. Deliver Nominal Lun CRI: >90 CRI	i-Mode (Non mming) led: No ion: Recesse Constant CL Class 2 e componen e (V): 120 - 2 rrent (MA): 5 EDS: 1 erature (°K): ed Lumen (In nen (Im): 138	-Dimming and ed Housing urrent - Univer ts 77 500 2700 / 3000 / 3 2700 / 3000 / 3 m): 940 / 980 / 86 / 1438 / 151	rsal 3500 / 4000 1029 / 1050		ac only)			106mm 4 3/16" 118mm 4 5/8"
Total Output Dimming: Tr and 0-10V Di Driver Includ Driver Locati Driver Type: Driver Class: Housing: See Input Voltage Constant Cu LED Number of L Color Tempe Max. Deliver Nominal Lun CRI: >90 CRI Efficiency (%	i-Mode (Non mming) led: No ion: Recesse Constant CL Class 2 e componen e (V): 120 - 2 rrent (MA): 5 EDS: 1 erature (°K): ed Lumen (In nen (Im): 136 o): 87.9 / 88.4	-Dimming and ed Housing urrent - Univer ts 77 500 2700 / 3000 / 3 2700 / 3000 / 3 m): 940 / 980 / 86 / 1438 / 151	rsal 3500 / 4000 1029 / 1050		ac only)			106mm 4 3/16" 118mm 4 5/8"
Total Output Dimming: Tr and 0-10V Di Driver Includ Driver Locati Driver Type: Driver Class: Housing: See Input Voltage Constant Cu LED Number of L Color Tempe Max. Deliver Nominal Lun CRI: >90 CRI Efficiency (% Lamp Life (h	i-Mode (Non mming) led: No ion: Recesse Constant CL Class 2 e componen e (V): 120 - 2 rrent (MA): 5 EDs: 1 erature (°K): ed Lumen (In nen (Im): 136 o): 87.9 / 88.4 rs): 50000	-Dimming and ed Housing urrent - Univer ts 77 500 2700 / 3000 / 3 2700 / 3000 / 3 m): 940 / 980 / 86 / 1438 / 151	rsal 3500 / 4000 1029 / 1050 11 / 1542					$\frac{106mm}{118mm}\frac{4}{4}\frac{3}{56''}$

OPTICAL

Reflector°: 20 / 40 / 60

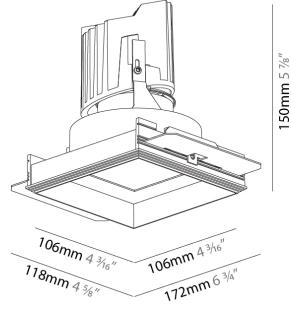
Upon Request: Special Beam Angles

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

Coair He do lot Coartine of the second 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



PROJECT

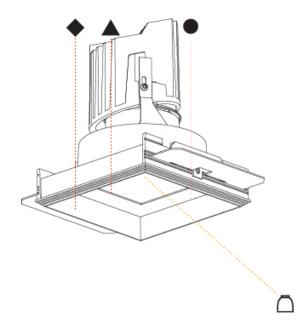




BIONIQ SQUARE DEEP COMFORT TRIMLESS

A35221-

PROJECT



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ZANEEN_®

BIONIQ

Fixture Finish

PROJECT

PROJECT			
TYPE			
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

Special LED (upon request) RGB, RGBW, tunable, gold+, meat+, art+, fashion+ 1 floor-mounted 🟹 pivotable 7 U rotating 0 wall and ceiling: recessed and surface mounted warm dim / natural dimming LED Î ceiling-mounted and wall-mounted ເ≣ illuminate tilted 🕑 rechargeable battery powered Color of suspension cable → wall-mounted fixture with natural vivid LED (upon request)

waii-mounted		color of suspension cable	11480	fixture with natural vivid LED (upon request)
omni-directional light distribution	↓	length of suspension cable	CRI	color rendering index
direct light distribution	\square	reflector degree selection	°К	color temperature
direct/indirect light distribution	s s	super spot	LM	lumen (luminous flux)
indirect light distribution	*	lens	LM	efficacy (lumens per watt)
asymmetric light distribution	Ð	lens pack	UGR	Unified Glare Rating (UGR) range from 5-40
aura light distribution	0	shine ring	318	marine grade (AISI 316 stainless steel)
round wall or ceiling cut-out	\odot	integrated shine ring with diffuser	٢	walk on
square wall or ceiling cut-out	Ő	free individual colors 01-29	۲	drive on
the supplied jig specifies the cutout dimensions	Ċ	individual colors: 00 (free of charge), 01-25 (extra charge)	B sc	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)		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)	192
dimmable DP (phase), DV (0-10V), DD (dali), DS (step-dim)	۲	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
separately switchable	\odot	indirect diffuser		ETL Certified to UL and CSA Standards
sensor	D	direct diffuser	c (U) us	UL Certified to UL and CSA Standards
remote control	\odot	ball-proof (upon request)	SP :	CSA Certified to UL and CSA Standards
available upon request	U	accessory	(\mathbb{Z})	Certified for North American Standards
	omni-directional light distribution direct light distribution direct/indirect light distribution indirect light distribution asymmetric light distribution aura light distribution aura light distribution square wall or ceiling cut-out square wall or ceiling cut-out the supplied jig specifies the cutout dimensions minimum distance (meters) lamp - object ceiling thickness in mm ceiling thickness selection dimmable DP (phase), DV (0-10V), DD (dali), DS (step-dim) included or excluded LED driver/transformer/control gear separately switchable sensor remote control	omni-directional light distribution omni-directional light distribution direct light distribution direct light distribution indirect light distribution indirect light distribution asymmetric light distribution aura light distribution ound wall or ceiling cut-out square wall or ceiling cut-out the supplied jig specifies the cutout dimensions minimum distance (meters) lamp - object ceiling thickness selection dimmable DP (phase), DV (0-10V), DD (dali), DS (step-dim) included or excluded LED driver/transformer/ control gear separately switchable remote control	omni-directional light distribution ↓ length of suspension cable direct light distribution ↓ reflector degree selection direct/indirect light distribution ↓ super spot indirect light distribution ↓ lens asymmetric light distribution ↓ lens pack aura light distribution ↓ lens pack aura light distribution ↓ shine ring round wall or ceiling cut-out ↓ integrated shine ring with diffuser square wall or ceiling cut-out ↓ free individual colors: 00 (free of charge), 01-25 (extra charge) the supplied jig specifies the cutout dimensions ↓ luminaire part to be colored (F1) recessed depth ↓ luminaire part to be colored (F2) ceiling thickness in mm ↓ luminaire part to be colored (F3) ceiling thickness selection ↓ luminaire part to be colored (F4) dimmable DP (phase), DV (0-10V), DD (dali), DS ↓ luminaire part to be colored (F5) included or excluded LED driver/transformer/ ↓ color of 3-circuit adaptor indirect diffuser ↓ indirect diffuser sensor ↓ ball-proof	omni-directional light distribution Image: Amount of the suppression cable Image: Amount of the suppression cable direct light distribution Image: Amount of the suppression cable Image: Amount of the suppression cable Image: Amount of the suppression cable direct light distribution Image: Amount of the super spot indirect light distribution Image: Amount of the super spot aura light distribution Image: Amount of the super spot aura light distribution Image: Amount of the super spot </td

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
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)