BIONIQ SQUARE DEEP TRIMLESS

PROJECT

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D.	ATE

base number	LED	Color	Finishes	Finishes	Finishes	Ceiling	Reflector
	Dimming	Temperature	(Diamond)	(Triangle)	(Circle)	Thickness	Options
1.To build a p the base mod		in our configui page	rator select t	he specify bu	itton on		

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
Brand: Prolicht
Division: Architectural
Mounting Type: Trimless
Mounting Location: Ceiling
Subcategory: Downlight
PHYSICAL
Shape: Square
Diameter (mm): 95
Diameter (in): 3 ³ / ₄
Length (mm): 106
Length (in): $4\frac{3}{16}$
Width (mm): 106
Width (in): 4 ³ / ₁₆
Depth (mm): 150
Depth (in): $5\frac{7}{4}$
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 / 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

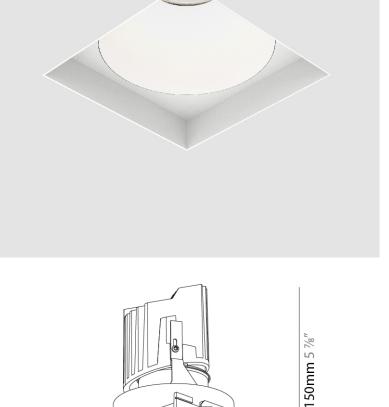
Number of LEDS. 1
Color Temperature (°K): 2700 / 3000 / 3500 / 4000
Max. Delivered Lumen (lm): 940 / 980 / 1029 / 1050
Nominal Lumen (lm): 1386 / 1438 / 1511 / 1542
CRI: >90 CRI
Efficiency (%): 87.9 / 88.4 / 87.9
Lamp Life (hrs): 50000
Upon Request: RGB-W Tunable White Special Color Temperature Special LED

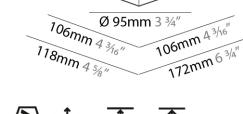
OPTICAL

Reflector°: 20 / 40 / 60

Upon Request: Special Beam Angles

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September 23, 2024, 6:50 pm

BIONIQ SQUARE DEEP TRIMLESS

A35218-

PROJECT

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QUANTITY			
DATE			



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BIONIQ SQUARE DEEP COMFORT TRIMLESS

TYPE		
SPECIFIER		
QUANTITY		
DATE		

PROJECT

425221									DATE	
A35221- base number	LED	Color	Finishes	- Finishes	Finishes	Ceiling	Reflector	_		
	Dimming	Temperature	(Diamond)	(Triangle)	(Circle)	Thickness	Options			
1.To build a pr the base mode 2. To build a m options listed i	el # produc nanual pro	t page duct code on ti	his datashe	et choose fro	om the					
	00000000000		a the sum	to the buse	model					
GENERAL										
Series: Bioniq										
Subseries: Bio		e Deep Comfo	rt							
Brand: Prolich										
Division: Archi										
Mounting Type										
Mounting Loca		-								
Subcategory: I	Downlight									
PHYSICAL										
Shape: Square										
Length (mm):										
Length (in): 4 3									-	
Width (mm): 1										
Width (in): 4 ³ / ₁	6									
Height (mm): 1	150									
Height (in): 5 7	8									
Ceiling Thickn										
Ceiling Thickn			.6 or 1							
Min. Recessing		•								
Min. Recessing										
Light Distribut	ion: Down	light								
Weight (kg): 0.										
Weight (lbs): 1										
Fixture Finish: LOD / PUS / FR COM / ABZ / JA	RO / FUP /	KIA / POP / BL								-
Fixture Materia	al: Alumin	um Die Cast								
Cut-out Measu				/ 4 3/4"					TT -	11
Upon Request	: Unique C	eiling Thickne	ess							
ELECTRICAL										
Lamp Type: LE	D (Zhaga	Standard)							0	
Input Wattage										
Total Output V		•	1.51							5
Dimming: Tri-I and 0-10V Dim		n-Dimming and	d Phase Dim	nming (120V	ac only)				ET IN	
Driver Include										
Driver Locatio		d Housing						ſ		
Driver Type: C			sal					2		
Driver Class: C								~		>
Housing: See o		ts								
Input Voltage										
Constant Curr										
LED								10	\checkmark	
Number of LEI	Ds: 1							106m	Im	
Color Tempera		2700 / 3000 / 3	3500 / 4000					11	$m_{4.3/16''}$ 10	06m
Max. Delivered)				118mm	1	/
Nominal Lume									4 5/8"	172
CRI: >90 CRI										, ,
Efficiency (%):	87.9 / 88.4	4/87.9								
Lamp Life (hrs): 50000								- 1	↑
Upon Request	: RGB-W T	unable White S	Special Colo	or Temperat	ure			120 x 120mm 170m	m 10 12 ½ 15 25mm	
Special LED								4 ³ / ₄ " x 4 ³ / ₄ " 6 ¹¹ / ₁₆		

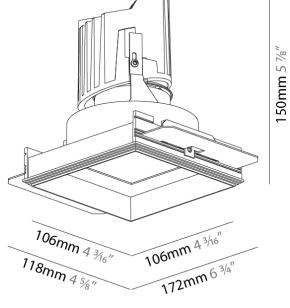
OPTICAL

Reflector°: 20 / 40 / 60

Upon Request: Special Beam Angles

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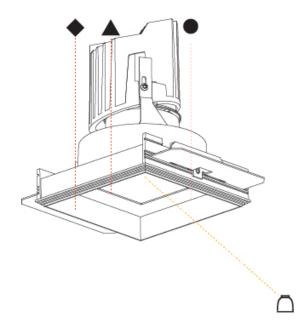
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BIONIQ SQUARE DEEP COMFORT TRIMLESS

A35221-

PROJECT

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BIONIQ SQUARE DEEP TRIMLESS

A35532-

eflector	

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
Brand: Prolicht
Division: Architectural
Mounting Type: Trimless
Mounting Location: Ceiling
Subcategory: Downlight
PHYSICAL
Diameter (mm): 95
Diameter (in): 3 ³ / ₄
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): 1^{10}
Light Distribution: Downlight
Weight (kg): 0.688
Weight (lbs): 1.52
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): 16.5
Total Output Wattage (W): 14.7
Dimming: Dali Dimming
Driver Included: No
Driver Location: Recessed Housing
Driver Type: Constant Current - 120Vac
Driver Class: Class 2
Housing: See Components
Input Voltage (V): 120
Constant Current (MA): 350
LED
Number of LEDs: 1
Color Temperature (°K): Warm Dim
Max. Delivered Lumen (lm): 770
Nominal Lumen (lm): 1140

CRI: >90 CRI

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

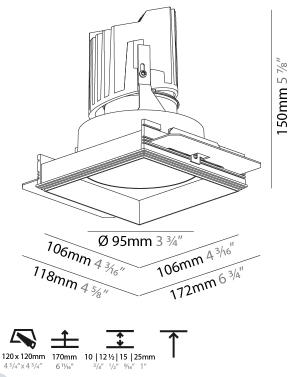
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BIONIQ SQUARE DEEP TRIMLESS

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BIONIQ SQUARE DEEP COMFORT TRIMLESS

A35533-

base number	Finishes (Diamond)	Finishes (Triangle)	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

eries: Bioniq ubseries: Bioniq Square Deep Comfort irand: Prolicht ivision: Architectural Iounting Type: Trimless Iounting Location: Ceiling
rand: Prolicht ivision: Architectural Iounting Type: Trimless
ivision: Architectural Iounting Type: Trimless
Iounting Type: Trimless
Iounting Location: Ceiling
ubcategory: Downlight
HYSICAL
hape: Square
ength (mm): 106
ength (in): 4_{16}^{3}
/idth (mm): 106
/idth (in): 4 ³ / ₁₆
leight (mm): 150
leight (in): 5 ⁷ / ₈
eiling Thickness (mm): 10 / 12.5 / 15 / 25
eiling Thickness (in): 3/8 or 1/2 or 9/16 or 1
lin. Recessing Depth (mm): 170
lin. Recessing Depth (in): 6 ¹¹ / ₁₆
ight Distribution: Downlight
Veight (kg): 0.769
/eight (lbs): 1.69
ixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG
OD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / GUM / CHC
OM / ABZ / JAG / OBR / MOS / ROR
ixture Material: Aluminum Die Cast
ut-out Measurements: 120mm / 4 3/4" x 120mm / 4 3/4"
Ipon Request: Unique Ceiling Thickness
LECTRICAL
amp Type: LED (Zhaga Standard)
nput Wattage (W): 16.5
otal Output Wattage (W): 14.7
imming: Dali Dimming
rriver Included: No
river Location: Recessed Housing
rriver Type: Constant Current - 120Vac
rriver Class: Class 2
lousing: See Components
nput Voltage (V): 120
onstant Current (MA): 350
ED
lumber of LEDs: 1
Iax. Delivered Lumen (lm): 770
Iominal Lumen (lm): 1140
RI: >90 CRI
amp Life (hrs): 50000
Ipon Request: RGB-W Tunable White Special Color Temperature pecial LED
PTICAL

Reflector°: 20 / 40 / 60

Upon Request: Special Beam Angles

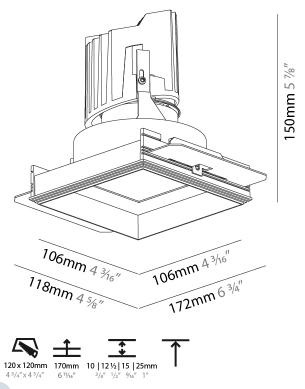
RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards

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BIONIQ SQUARE DEEP COMFORT TRIMLESS

A35533-



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

		_			
↓	floor-mounted	¥	pivotable	\circledast	special LED (upon request) RGB, RGBW, tunable, gold+, meat+, art+, fashion+
	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
	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	¥.	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	Ċ	free individual colors 01-29		drive on
୶ୖୣୢୖ୶	the supplied jig specifies the cutout dimensions	Ú.	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)		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
~ ~~	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	2	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
1954	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
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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