BIONIQ SQUARE DEEP COMFORT TRIMLESS

A35533-

base number	Finishes (Diamond)	Finishes (Triangle)	Ceiling Thickness	Reflector Options	-
	(Diamond)	(Triangle)	Thickness	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

S	eries: Bioniq
S	ubseries: Bioniq Square Deep Comfort
E	rand: Prolicht
0	ivision: Architectural
Ν	Iounting Type: Trimless
Ν	Iounting Location: Ceiling
S	ubcategory: Downlight
F	HYSICAL
S	hape: Square
Ľ	ength (mm): 106
L	ength (in): 4 ¾
V	/idth (mm): 106
V	/idth (in): 4 ³ / ₁₆
F	leight (mm): 150
F	leight (in): 5 $\frac{7}{8}$
C	eiling Thickness (mm): 10 / 12.5 / 15 / 25
C	eiling Thickness (in): 3/8 or 1/2 or 9/16 or 1
Ν	lin. Recessing Depth (mm): 170
Ν	lin. Recessing Depth (in): 6 ¹¹ / ₁₆
Ē	ight Distribution: Downlight
٧	/eight (kg): 0.769
V	/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
_	
	amp Type: LED (Zhaga Standard)
_	nput Wattage (W): 16.5
_	otal Output Wattage (W): 14.7
_	imming: Dali Dimming
_	river Included: No
-	river Location: Recessed Housing
_	river Type: Constant Current - 120Vac
_	river Class: Class 2
-	lousing: See Components
_	nput Voltage (V): 120
_	onstant Current (MA): 350
L	ED
Ν	lumber of LEDs: 1
N	lax. Delivered Lumen (lm): 770
_	Iominal Lumen (lm): 1140
-	RI: >90 CRI
_	amp Life (hrs): 50000
ί	pon Request: RGB-W Tunable White Special Color Temperature pecial LED
c	PTICAL

OPTICAL

Upon Request: Special Beam Angles

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards

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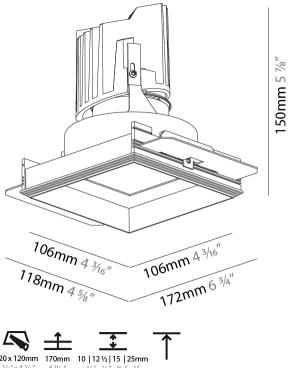
Reflector°: 20 / 40 / 60

Д

120 x 120mm 170mm 10 | 12 ½ | 15 | 25mm 6 11/16" 4³/₄" x 4³/₄" 9/16

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BIONIQ SQUARE DEEP COMFORT TRIMLESS

A35533-

PROJECT



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ZANEEN.

BIONIQ SQUARE DEEP RECESSED

A35552-

base number	Finishes	Finishes	Reflector
	(Diamond)	(Triangle)	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

VENERALE	
Series: Bioniq	
Subseries: Bioniq Square Deep	
Brand: Prolicht	
Division: Architectural	
Mounting Type: Recessed	
Mounting Location: Ceiling	
Subcategory: Downlight	
PHYSICAL	
Shape: Square	
Length (mm): 119	
Length (in): 4 ¹¹ / ₁₆	
Width (mm): 119	
Width (in): 4 ¹¹ / ₁₆	
Depth (mm): 150	
Depth (in): $5\frac{7}{8}$	
Ceiling Thickness (mm): 10 / 12.5 / 15	
Ceiling Thickness (in): 3/8 or 1/2 or 9/16	
Min. Recessing Depth (mm): 170	
Min. Recessing Depth (in): 6 ¹¹ / ₁₆	
Light Distribution: Downlight	
Weight (kg): 0.592	
Weight (lbs): 1.31	
Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTC	
LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / GUM	I/CHC/
COM / ABZ / JAG / OBR / MOS / ROR Fixture Material: Aluminum Die Cast	
Cut-out Measurements: 114mm / 4 1/2" x 114mm / 4 1/2"	
ELECTRICAL	
Lamp Type: LED (Zhaga Standard)	
Total Output Wattage (W): 15	
Dimming: Dali Dimming Driver Included: No	
Driver Location: Recessed Housing	
Driver Type: Constant Current 120Vac	
Housing: See components	
Input Voltage (V): 120	
Constant Current (MA): 350	
LED	
Number of LEDs: 1	
Color Temperature (°K): Warm Dim	

Color Temperature (°K): Warm Dim	
Max. Delivered Lumen (lm): 760	
Nominal Lumen (lm): 1140	
CRI: >90 CRI	
Lamp Life (hrs): 50000	

OPTICAL

Reflector°: 20 / 40 / 60

Adjustability: Rotational 355°; Tilt 30°

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards IP rating: IP20

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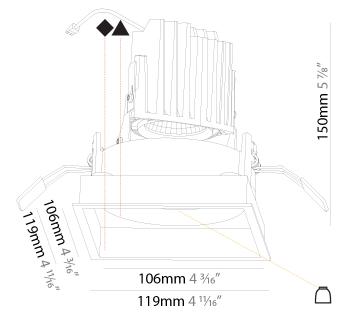
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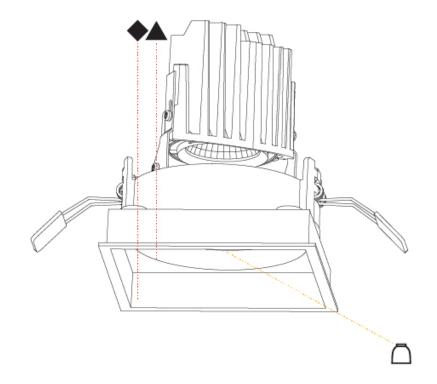


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BIONIQ SQUARE DEEP RECESSED

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BIONIQ SQUARE DEEP COMFORT RECESSED

A35553-

base number Finishes Finishes Finishes Reflector (Diamond) (Triangle) (Circle) 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: Recessed	
Mounting Location: Ceiling	
Subcategory: Downlight	
PHYSICAL	
Shape: Square	
Length (mm): 119	
Length (in): 4 ¹¹ / ₁₆	
Width (mm): 119	
Width (in): 4 ¹¹ / ₁₆	
Depth (mm): 150	
Depth (in): 5 ½	
Ceiling Thickness (mm): 10 / 12.5 / 15	
Ceiling Thickness (in): 3/8 or 1/2 or 9/16	
Min. Recessing Depth (mm): 170	
Min. Recessing Depth (in): $6^{11}/_{16}$	
Light Distribution: Downlight	
Weight (kg): 0.656	
Weight (lbs): 1.45	
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: 114mm / 4 1/2" x 114mm / 4 1/2"	
ELECTRICAL	
Lamp Type: LED (Zhaga Standard)	
Total Output Wattage (W): 15	
Dimming: Dali Dimming	
Driver Included: No	
Driver Location: Recessed Housing	
Driver Type: Constant Current - 120Vac	
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): 760	

nousing. see components	
Input Voltage (V): 120	
Constant Current (MA): 350	
LED	
Number of LEDs: 1	
Color Temperature (°K): Warm Dim	19\\nr\
Max. Delivered Lumen (lm): 760	
Nominal Lumen (lm): 1140	
CRI: >90 CRI	
Lamp Life (hrs): 50000	//6"

OPTICAL

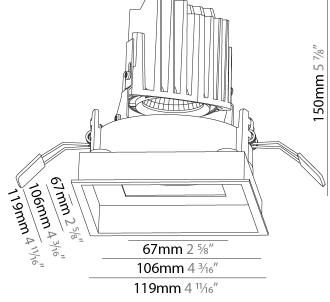
Reflector°: 20 / 40 / 60

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards	
IP rating: IP20	

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BIONIQ SQUARE DEEP COMFORT RECESSED

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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 pivotable floor-mounted 1 warm dim / natural dimming LED wall and ceiling: recessed and surface mounted 0 rotating 0 Î Œ illuminate tilted ceiling-mounted and wall-mounted 🕑 rechargeable battery powered Ţ -> wall-mounted color of suspension cable fixture with natural vivid LED (upon request) ¥ CRI omni-directional light distribution 4 length of suspension cable color rendering index

direct light distribution	\square	reflector degree selection	(°K)	color temperature
direct/indirect light distribution	s s	super spot	(J	lumen (luminous flux)
indirect light distribution	¥.	lens	€	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	Ĝŀ∘	marine grade (AISI 316 stainless steel)
round wall or ceiling cut-out	\odot	integrated shine ring with diffuser	۲	walk on
square wall or ceiling cut-out	Ċ	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	٠	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)	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 (H) us	UL Certified to UL and CSA Standards
remote control	$\boldsymbol{\Theta}$	ball-proof (upon request)	٩.	CSA Certified to UL and CSA Standards
available upon request	U	accessory	2	Certified for North American Standards
	direct/indirect light distribution indirect light distribution asymmetric light distribution aura light distribution round wall or ceiling cut-out square wall or ceiling cut-out the supplied jig specifies the cutout dimensions minimum distance (meters) lamp - object recessed depth 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	direct/indirect light distribution	direct/indirect light distribution Image: super spot indirect light distribution Image: super spot asymmetric light distribution Image: super spot aura light distribution Image: super spot round wall or ceiling cut-out Image: super spot square wall or ceiling cut-out Image: super spot the supplied jig specifies the cutout dimensions Image: super spot minimum distance (meters) lamp - object Image: luminaire part to be colored (F1) recessed depth Image: luminaire part to be colored (F2) ceiling thickness in mm Image: luminaire part to be colored (F3) ceiling thickness selection Image: luminaire part to be colored (F4) dimmable DP (phase), DV (0-10V), DD (dali), DS Image: luminaire part to be colored (F5) included or excluded LED driver/transformer/ control gear color of 3-circuit adaptor separately switchable indirect diffuser sensor indirect diffuser remote control iball-proof (upon request)	direct/indirect light distribution Image: super spot indirect light distribution Image: super spot asymmetric light distribution Image: super spot aura light distribution Image: super spot square wall or ceiling cut-out Image: super spot individual colors 01-29 Image: super spot the supplied jig specifies the cutout dimensions Image: super spot individual colors: Image: super spot minimum distance (meters) lamp - object Image: super spot image: super spot Image: super spot ceiling thickness in mm Image: super spot ceiling thickness selection Image: super spot dimmable DP (phase), DV (0-10V), DD (dali), DS Image: super spot included or excluded LED driver/transformer/ color of 3-circuit adaptor included or excluded LED driver/transformer/ indirect diffuser sensor Image: super spot Image: super spot sensor Image: super spot

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)
1602	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)
1607	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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