BIONIQ SQUARE PINHOLE RECESSED

A35374-

base number Color Finishes Temperature (Diamond)

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

GENERAL
Series: Bioniq
Subseries: Bioniq Square Pinhole
Brand: Prolicht
Division: Architectural
Mounting Type: Recessed
Mounting Location: Ceiling
Subcategory: Downlight
PHYSICAL
Shape: Square
Length (mm): 107
Length (in): $4\frac{3}{16}$
Width (mm): 107
Width (in): 4 ³ / ₁₆
Depth (mm): 112
Depth (in): $4^{7}/_{16}$
Ceiling Thickness (mm): 10 / 12.5 / 15
Ceiling Thickness (in): 3/8 or 1/2 or 9/16
Min. Recessing Depth (mm): 130
Min. Recessing Depth (in): $5\frac{1}{8}$
Light Distribution: Adjustable / Downlight
Weight (kg): 0.479
Weight (lbs): 1.06
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: 98mm / 3 7/8"
ELECTRICAL
Lamp Type: LED (Zhaga Standard)
Input Wattage (W): 13.2 / 16.5
Total Output Wattage (W): 12 / 14
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): 350
LED
Number of LEDs: 1
Color Temperature (°K): 2700 / 3000 / 3500 / 4000
Max. Delivered Lumen (lm): 850 / 950 / 1019 / 1040
Nominal Lumen (lm): 960 / 1070 / 1156 / 1180

maxi 2 entrerea 2amen (m), 6667 5667 16157 16 16	
Nominal Lumen (lm): 960 / 1070 / 1156 / 1180	
CRI: >90 CRI	

Lamp Life (hrs): 50000

OPTICAL

Reflector°: 10 Adjustability: Rotational 355°; Tilt 30°

RATINGS AND CERTIFICATIONS

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

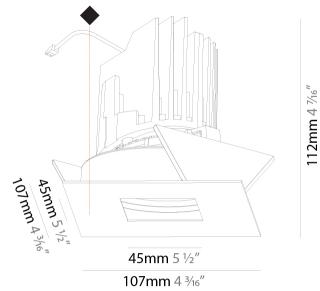
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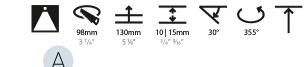
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QUANTITY		
DATE		







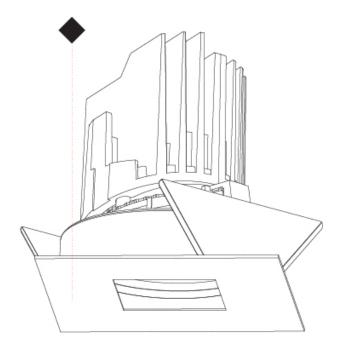
Page 1/8

BIONIQ SQUARE PINHOLE RECESSED

A35374-

PROJECT

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BIONIQ SQUARE PINHOLE RECESSED

A35377-

base number Color Finishes Reflector Temperature (Diamond) 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: Bion	iiq
Subseries: E	Bioniq Square Pinhole
Brand: Proli	icht
Division: Are	chitectural
Mounting T	ype: Recessed
Mounting Lo	ocation: Ceiling
Subcategor	y: Downlight
PHYSICAL	
Shape: Squ	are
Length (mm	n): 107
Length (in):	4 ³ / _c
Width (mm)	
Width (in): 4	
Depth (mm)	40
Depth (in): 4	·
	:kness (mm): 10 / 12.5 / 15
	kness (in): 3/8 or 1/2 or 9/16
	sing Depth (mm): 130
	sing Depth (in): $5\frac{1}{8}$
	bution: Adjustable / Downlight
Weight (kg):	
Weight (lbs)	
	sh: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG /
LOD / PUS /	FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / GUM / CHC /
	/ JAG / OBR / MOS / ROR
	erial: Aluminum Die Cast
Cut-out Mea	asurements: 98mm / 3 7/8"
ELECTRICA	L
Lamp Type:	: LED (Zhaga Standard)
Input Watta	age (W): 16.5
Total Outpu	ut Wattage (W): 14
Dimming: T and 0-10V D	ri-Mode (Non-Dimming and Phase Dimming (120Vac only) Dimming)
Driver Inclu	ded: No
Driver Loca	tion: Recessed Housing
Driver Type	: Constant Current - Universal
Driver Class	:: Class 2
Housing: Se	ee components
Input Voltag	ge (V): 120 - 277
Constant Cu	urrent (MA): 500
LED	
Number of I	LEDs: 1
Color Temp	perature (°K): 2700 / 3000 / 3500 / 4000
Max. Delive	red Lumen (lm): 940 / 980 / 1029 / 1050

Max. Delivered Lumen (lm): 940 / 980 / 1029 / 1050	
Nominal Lumen (lm): 1386 / 1438 / 1511 / 1542	
	_

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

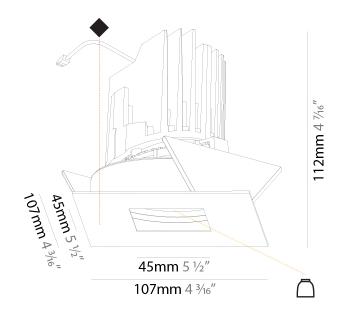
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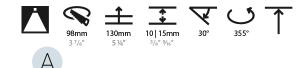
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PROJECT			
TYPE			
SPECIFIER			
QUANTITY			
DATE			







Page 3/8

BIONIQ SQUARE PINHOLE RECESSED

A35377-

PROJECT
ТҮРЕ
SPECIFIER
QUANTITY
DATE



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Page 4/8



BIONIQ SQUARE PINHOLE RECESSED

A35554-

base number Finishes Reflector (Diamond) 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

SEREIGIE .
Series: Bioniq
Subseries: Bioniq Square Pinhole
Brand: Prolicht
Division: Architectural
Mounting Type: Recessed
Mounting Location: Ceiling
Subcategory: Downlight
PHYSICAL
Shape: Square
Length (mm): 107
Length (in): $4\frac{3}{16}$
Width (mm): 107
Width (in): 4 ³ / ₁₆
Depth (mm): 112
Depth (in): $4\frac{7}{16}$
Ceiling Thickness (mm): 10 / 12.5 / 15
Ceiling Thickness (in): 3/8 or 1/2 or 9/16
Min. Recessing Depth (mm): 130
Min. Recessing Depth (in): $5\frac{1}{4}$
Light Distribution: Adjustable / Downlight
Weight (kg): 0.463
Weight (lbs): 1.02
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: 98mm / 3 7/8"
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
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

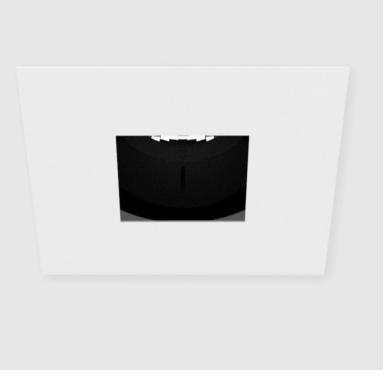
IP rating: IP20

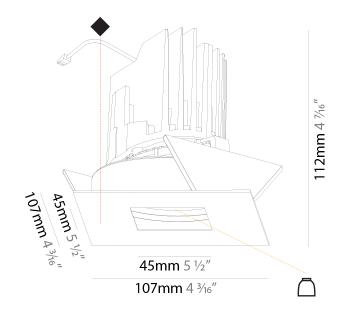
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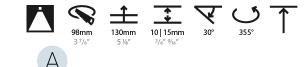
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PROJECT			
TYPE			
SPECIFIER			
QUANTITY			
DATE			







Page 5/8

BIONIQ SQUARE PINHOLE RECESSED

A35554-

	PROJECT
	ТҮРЕ
	SPECIFIER
- - - - -	QUANTITY
	DATE



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BIONIQ

Fixture Finish

PROJECT

PROJECT			
ТҮРЕ			
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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Page 7/8

BIONIQ

LEGEND

PROJECT

TYPE

SPECIFIER QUANTITY

DATE

1)

1

6

SP

(Z)

acoustic material

protection class I, protection insulation

protection class II, protection insulation

ETL Certified to UL and CSA Standards

UL Certified to UL and CSA Standards

CSA Certified to UL and CSA Standards

Certified for North American Standards

special LED (upon request) RGB, RGBW, tunable, gold+, meat+, art+, fashion+ 1 floor-mounted Y pivotable 1 0 wall and ceiling: recessed and surface mounted 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) -> 1 \mathbb{Y} omni-directional light distribution 1 CRI length of suspension cable color rendering index Λ direct light distribution Δ reflector degree selection °K color temperature direct/indirect light distribution s s super spot LM) lumen (luminous flux) Å LM indirect light distribution lens efficacy (lumens per watt) asymmetric light distribution Q UGR Unified Glare Rating (UGR) range from 5-40 lens pack 0 ÷ marine grade (AISI 316 stainless steel) Ă aura light distribution shine ring 9 round wall or ceiling cut-out lacksquareintegrated shine ring with diffuser 1 walk on 5 square wall or ceiling cut-out ĥ free individual colors 01-29 . drive on individual colors: 00 (free of charge), 01-25 (extra d Ċ DSC the supplied jig specifies the cutout dimensions Dark Sky Compliance charge) Americans with Disabilities Act (less than 4" off the wall located between 27"-84" from floor) (++) M minimum distance (meters) lamp - object luminaire part to be colored (F1) Ġ • Î recessed depth luminaire part to be colored (F2) lamp protected against explosion blown glass using traditional methods by master € ceiling thickness in mm luminaire part to be colored (F3) A glass blower

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D

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U

luminaire part to be colored (F4)

luminaire part to be colored (F5)

color of 3-circuit adaptor

ball-proof (upon request)

indirect diffuser

direct diffuser

accessory

IP RATING

sensor

T

У

2

0

2

ceiling thickness selection

separately switchable

available upon request

remote control

dimmable DP (phase), DV (0-10V), DD (dali), DS (step-dim)

included or excluded LED driver/transformer/ control gear

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)
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)
IKOB	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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