

# **BIONIQ SQUARE ADJUSTABLE RECESSED**

A35356-		-	-	-	
base number	Color	Finishes	Finishes	Reflector	-
	Temperature	(Diamond)	(Triangle)	Ontions	

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 Adjustable	
Brand: Prolicht	
Division: Architectural	
Mounting Type: Recessed	
Mounting Location: Ceiling	
Subcategory: Downlight	

Mounting Type: Recessed  Mounting Location: Ceiling  Subcategory: Downlight  PHYSICAL  Shape: Square  Length (mm): 119  Length (in): 4 <sup>11</sup> / <sub>16</sub> Width (in): 4 <sup>11</sup> / <sub>16</sub> Depth (in): 5 <sup>1</sup> / <sub>16</sub> Depth (in): 5 <sup>1</sup> / <sub>16</sub> Ceiling Thickness (mm): 10 / 12.5 / 15  Ceiling Thickness (in): 3/8 or 1/2 or 9/16  Min. Recessing Depth (in): 5 <sup>7</sup> / <sub>8</sub> Light Distribution: Adjustable / Downlight  Weight (kg): 0.542  Weight (lbs): 1.2  Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / GUM / CHC /	
Subcategory: Downlight  PHYSICAL  Shape: Square  Length (mm): 119  Length (in): 4 <sup>11</sup> / <sub>16</sub> Width (in): 4 <sup>11</sup> / <sub>16</sub> Depth (in): 5 <sup>1</sup> / <sub>16</sub> Depth (in): 5 <sup>1</sup> / <sub>16</sub> Ceiling Thickness (mm): 10 / 12.5 / 15  Ceiling Thickness (in): 3/8 or 1/2 or 9/16  Min. Recessing Depth (in): 5 <sup>7</sup> / <sub>8</sub> Light Distribution: Adjustable / Downlight  Weight (kg): 0.542  Weight (lbs): 1.2  Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG /	Mounting Type: Recessed
PHYSICAL  Shape: Square  Length (mm): 119  Length (in): 4 <sup>11</sup> / <sub>16</sub> Width (mm): 119  Width (in): 4 <sup>11</sup> / <sub>16</sub> Depth (mm): 132  Depth (in): 5 <sup>3</sup> / <sub>16</sub> Ceiling Thickness (mm): 10 / 12.5 / 15  Ceiling Thickness (in): 3/8 or 1/2 or 9/16  Min. Recessing Depth (mm): 150  Min. Recessing Depth (in): 5 <sup>7</sup> / <sub>8</sub> Light Distribution: Adjustable / Downlight  Weight (kg): 0.542  Weight (lbs): 1.2  Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG /	Mounting Location: Ceiling
Shape: Square  Length (mm): 119  Length (in): $4^{11}/_{16}$ Width (mm): 119  Width (in): $4^{11}/_{16}$ Depth (mm): 132  Depth (in): $5^{3}/_{16}$ Ceiling Thickness (mm): $10 / 12.5 / 15$ Ceiling Thickness (in): $3/8$ or $1/2$ or $9/16$ Min. Recessing Depth (in): $5^{7}/_{8}$ Light Distribution: Adjustable / Downlight  Weight (kg): $0.542$ Weight (lbs): $1.2$ Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG /	Subcategory: Downlight
Length (mm): 119 Length (in): $4^{11}/_{16}$ Width (mm): 119 Width (in): $4^{11}/_{16}$ Depth (mm): 132 Depth (in): $5^{3}/_{18}$ Ceiling Thickness (mm): $10 / 12.5 / 15$ Ceiling Thickness (in): $3/8$ or $1/2$ or $9/16$ Min. Recessing Depth (mm): $150$ Min. Recessing Depth (in): $5^{7}/_{8}$ Light Distribution: Adjustable / Downlight Weight (kg): $0.542$ Weight (lbs): $1.2$ Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG /	PHYSICAL
Length (in): 4 $^{11}$ / <sub>16</sub> Width (mm): 119  Width (in): 4 $^{11}$ / <sub>16</sub> Depth (mm): 132  Depth (in): 5 $^{3}$ / <sub>18</sub> Ceiling Thickness (mm): 10 / 12.5 / 15  Ceiling Thickness (in): 3/8 or 1/2 or 9/16  Min. Recessing Depth (mm): 150  Min. Recessing Depth (in): 5 $^{7}$ / <sub>8</sub> Light Distribution: Adjustable / Downlight  Weight (kg): 0.542  Weight (lbs): 1.2  Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG /	Shape: Square
Width (mm): 119 Width (in): 4 $^{13}$ / <sub>16</sub> Depth (mm): 132 Depth (in): 5 $^{3}$ / <sub>16</sub> Ceiling Thickness (mm): 10 / 12.5 / 15 Ceiling Thickness (in): 3/8 or 1/2 or 9/16 Min. Recessing Depth (mm): 150 Min. Recessing Depth (in): 5 $^{7}$ / <sub>8</sub> Light Distribution: Adjustable / Downlight Weight (kg): 0.542 Weight (lbs): 1.2 Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG /	Length (mm): 119
Width (in): 4 <sup>11</sup> / <sub>16</sub> Depth (mm): 132  Depth (in): 5 <sup>2</sup> / <sub>16</sub> Ceiling Thickness (mm): 10 / 12.5 / 15  Ceiling Thickness (in): 3/8 or 1/2 or 9/16  Min. Recessing Depth (mm): 150  Min. Recessing Depth (in): 5 <sup>7</sup> / <sub>8</sub> Light Distribution: Adjustable / Downlight  Weight (kg): 0.542  Weight (lbs): 1.2  Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG /	Length (in): 4 11/16
Depth (mm): 132 Depth (in): $5\frac{3}{2}_{16}$ Ceilling Thickness (mm): $10 / 12.5 / 15$ Ceilling Thickness (in): $3/8$ or $1/2$ or $9/16$ Min. Recessing Depth (mm): $150$ Min. Recessing Depth (in): $5\frac{7}{6}$ Light Distribution: Adjustable / Downlight Weight (kg): $0.542$ Weight (lbs): $1.2$ Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG /	Width (mm): 119
Depth (in): $5\frac{7}{7_{16}}$ Ceiling Thickness (mm): $10 / 12.5 / 15$ Ceiling Thickness (in): $3/8$ or $1/2$ or $9/16$ Min. Recessing Depth (mm): $150$ Min. Recessing Depth (in): $5\frac{7}{8}$ Light Distribution: Adjustable / Downlight Weight (kg): $0.542$ Weight (lbs): $1.2$ Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG /	Width (in): 4 11/16
Ceiling Thickness (mm): 10 / 12.5 / 15 Ceiling Thickness (in): 3/8 or 1/2 or 9/16 Min. Recessing Depth (mm): 150 Min. Recessing Depth (in): 5 7/8 Light Distribution: Adjustable / Downlight Weight (kg): 0.542 Weight (lbs): 1.2 Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG /	Depth (mm): 132
Ceiling Thickness (in): 3/8 or 1/2 or 9/16  Min. Recessing Depth (mm): 150  Min. Recessing Depth (in): 5 $\frac{7}{8}$ Light Distribution: Adjustable / Downlight  Weight (kg): 0.542  Weight (lbs): 1.2  Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG /	Depth (in): 5 <sup>3</sup> / <sub>16</sub>
Min. Recessing Depth (mm): 150  Min. Recessing Depth (in): 5 $\frac{7}{8}$ Light Distribution: Adjustable / Downlight  Weight (kg): 0.542  Weight (lbs): 1.2  Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG /	Ceiling Thickness (mm): 10 / 12.5 / 15
Min. Recessing Depth (in): 5 \(^7\)_8 Light Distribution: Adjustable / Downlight Weight (kg): 0.542 Weight (lbs): 1.2 Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG /	Ceiling Thickness (in): 3/8 or 1/2 or 9/16
Light Distribution: Adjustable / Downlight Weight (kg): 0.542 Weight (lbs): 1.2 Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG /	Min. Recessing Depth (mm): 150
Weight (kg): 0.542 Weight (lbs): 1.2 Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG /	Min. Recessing Depth (in): 5 1/8
Weight (lbs): 1.2 Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG /	Light Distribution: Adjustable / Downlight
Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG /	Weight (kg): 0.542
	Weight (lbs): 1.2

## **ELECTRICAL**

COM / ABZ / JAG / OBR / MOS / ROR Fixture Material: Aluminum Die Cast

Cut-out Measurements: 114mm / 4 1/2" x 114mm / 4 1/2"

Lamp Type: LED
Input Wattage (W): 16.5
Total Output Wattage (W): 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): 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 Lamp Life (hrs): 50000

#### OPTICAL

Reflector°: 20 / 40 / 60

Adjustability: Rotational 355°; Tilt 30°

## **RATINGS AND CERTIFICATIONS**

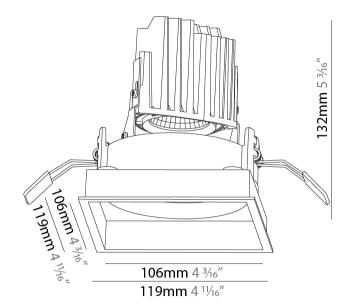
Certified By: Certified for North American Standards

IP rating: IP20

Zaneen Group Inc. © 2024, T 1800-388-3382, F 416-247-9319, www.zaneen.com

PROJECT	
TYPE	
SPECIFIER	
QUANTITY	
DATE	

















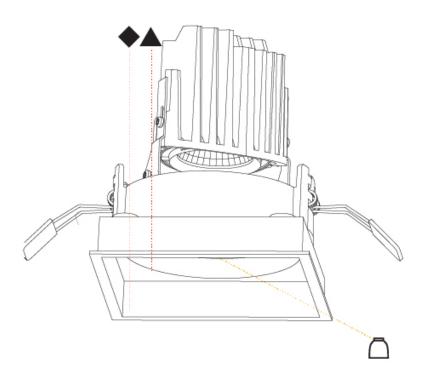




# **BIONIQ SQUARE ADJUSTABLE RECESSED**

A35356-

PROJECT
YPE
SPECIFIER
QUANTITY
DATE







# **BIONIQ SQUARE ADJUSTABLE COMFORT**

## **RECESSED**

A35362							
base number	Color	Finishes	Finishes	Finishes	Reflector		
	Temperature	(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 #

Series: Bioniq	
Subseries: Bioniq Square Adjustable Comfort	
Brand: Prolicht	

Division: Architectural Mounting Type: Recessed

Mounting Type. Recessed
Mounting Location: Ceiling
Subcategory: Downlight
PHYSICAL
Shape: Square
Length (mm): 119
Length (in): 4 11/ <sub>16</sub>
Width (mm): 119
Width (in): 4 11/16
Depth (mm): 132
Depth (in): 5 <sup>3</sup> / <sub>16</sub>
Ceiling Thickness (mm): 10 / 12.5 / 15
Ceiling Thickness (in): 3/8 or 1/2 or 9/16
Min. Recessing Depth (mm): 150
Min. Recessing Depth (in): $5\frac{7}{8}$
Light Distribution: Adjustable / Downlight
Weight (kg): 0.607
Weight (lbs): 1.34

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: 114mm / 4 1/2" x 114mm / 4 1/2"

#### **ELECTRICAL**

Lamp Type: LED (Zhaga Standard) Input Wattage (W): 16.5 Total Output Wattage (W): 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 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

## OPTICAL

Reflector°: 20 / 40 / 60

Adjustability: Rotational 355°; Tilt 30°

#### RATINGS AND CERTIFICATIONS

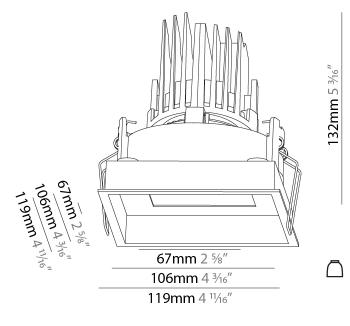
Certified By: Certified for North American Standards

IP rating: IP20

TYPE SPECIFIER QUANTITY DATE



**PROJECT** 













# **BIONIQ SQUARE ADJUSTABLE COMFORT**

**RECESSED** 

A35362-

PROJECT			
ГҮРЕ			
SPECIFIER			_
YTITMAUQ			_
DATE			

For Color / Finish Chart & Symbology see Appendix or product page downloadable area.











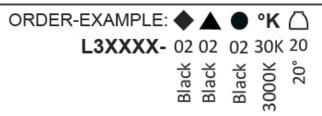








Color	27K	35K	30K	40K	°K
Temperature	2700K	3500K	3000K	4000K	
	20	40		60	
Reflector	20°	40°		60°	







# **BIONIQ**

COLOR FINISH CHART

PROJECT			
TYPE			
SPECIFIER			
QUANTITY			
DATE			

#### **Fixture Finish**



**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.





# **BIONIQ**

# **LEGEND**

$\downarrow$	floor-mounted	¥	pivotable	*	special LED (upon request) RGB, RGBW, tunable, gold+, meat+, art+, fashion+
ラ	wall and ceiling: recessed and surface mounted	S	rotating	0	warm dim / natural dimming LED
1	ceiling-mounted and wall-mounted	Œ	illuminate tilted	0	rechargeable battery powered
$\rightarrow$	wall-mounted	I	color of suspension cable	ill neo	fixture with natural vivid LED (upon request)
Y	omni-directional light distribution	1	length of suspension cable	CRI	color rendering index
Ä	direct light distribution		reflector degree selection	(K)	color temperature
X	direct/indirect light distribution	s s	super spot	(M)	lumen (luminous flux)
Y	indirect light distribution	*	lens	₩	efficacy (lumens per watt)
	asymmetric light distribution	8	lens pack	UGR	Unified Glare Rating (UGR) range from 5-40
A	aura light distribution	0	shine ring	*	marine grade (AISI 316 stainless steel)
R	round wall or ceiling cut-out	0	integrated shine ring with diffuser	30	walk on
Z)	square wall or ceiling cut-out		free individual colors 01-29	<b>②</b>	drive on
4	the supplied jig specifies the cutout dimensions	ē	individual colors: 00 (free of charge), 01-25 (extra charge)	DSC	Dark Sky Compliance
<b>G</b> +.→	minimum distance (meters) lamp - object	<b>♦</b>	luminaire part to be colored (F1)	Ġ	Americans with Disabilities Act (less than 4" off the wall located between 27"-84" from floor)
$\hat{\pm}$	recessed depth		luminaire part to be colored (F2)		lamp protected against explosion
<b></b>	ceiling thickness in mm		luminaire part to be colored (F3)		blown glass using traditional methods by master glass blower
1	ceiling thickness selection		luminaire part to be colored (F4)	<b>(</b> )	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
8	separately switchable	$\odot$	indirect diffuser	. <b>(1)</b>	ETL Certified to UL and CSA Standards
<b>9</b>	sensor	O	direct diffuser	շ <b>(Մ</b> ) տ	UL Certified to UL and CSA Standards
	remote control	1	ball-proof (upon request)	<b>(1)</b>	CSA Certified to UL and CSA Standards
J	available upon request	0	accessory	<b>Z</b> )	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**

above the surface)

IK03	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)
IK05	protected against 0.7 joules impact (equivalent to 0.25kg mass dropped from 280mm above the surface)
IKO6	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)
IK09	protected against 10 joules impact (equivalent to 5.0kg mass dropped from 200mm above the surface)
IK10	protected against 20 joules impact (equivalent to $5.0 kg$ mass dropped from $400 mm$ above the surface)

protected against 0.14 joules impact (equivalent to 0.25kg mass dropped from 56mm

protected against 0.2 joules impact (equivalent to 0.25kg mass dropped from 80mm above the surface)  $\,$