

A35182-	
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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

Series: Bioniq Subseries: Bioniq Round Adjustable Brand: Prolicht

Division: Architectural Mounting Type: Trimless

Mounting Location: Ceiling

Subcategory: Downlight

PHYSICAL

Shape: Round

Diameter (mm): 107

Diameter (in): 4 1/16

Height (mm): 112

Height (in): 4 1/16

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): 130

Min. Recessing Depth (in): 5 $\frac{1}{8}$

Light Distribution: Adjustable / Downlight

Weight (kg): 0.596

Weight (lbs): 1.31

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: 2 111mm / 4 3/8"

Upon Request: Unique Ceiling Thickness

ELECTRICAL

Lamp Type: LED (Zhaga Standard)

Input Wattage (W): 13.2 / 16.5

Total Output Wattage (W): 12.1 / 14.7

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

CRI: >90 CRI

Lamp Life (hrs): 50000

Upon Request: RGB-W Tunable White Special Color Temperature

Special LED

OPTICAL

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

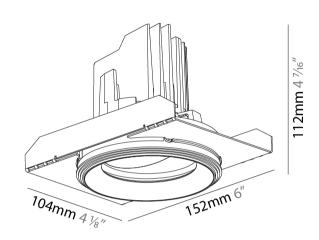
Upon Request: Special Beam Angles

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards Zaneen Group Inc. © 2024. T 1800-388-3382, F 416-247-9319, www.zaneen.com

PROJECT TYPE SPECIFIER QUANTITY DATE





Ø 107mm 4 3/16"



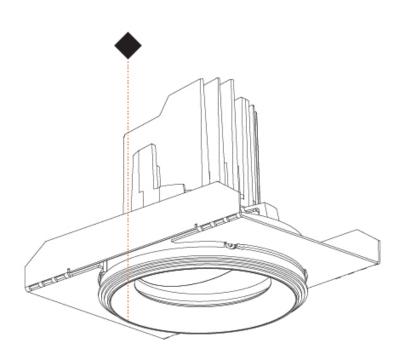


Page 1/36



A35182-

PROJECT		
TYPE		
SPECIFIER		
QUANTITY		
DATE		







A35188	-		_	-
base number	LED	Color	Finishes	Ceiling

- 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 Round Adjustable	
Brand: Prolicht	
Division: Architectural	
Mounting Type: Trimless	
Mounting Location: Ceiling	
Subcategory: Downlight	

PHYSICAL	
Shape: Round	
Diameter (mm): 136	
Diameter (in): 5 3/8	
Height (mm): 136	
Height (in): 5 ³ / ₈	
C ::: TI:: /	

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): 150 Min. Recessing Depth (in): $5\frac{7}{8}$

Lamp Type: LED (Zhaga Standard)

Light Distribution: Adjustable / Downlight

Weight (kg): 1.02 Weight (lbs): 2.24

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: 2 140mm / 5 1/2"
Upon Request: Unique Ceiling Thickness

ELECTRICAL

Input Wattage (W): 13.2 / 16.5

Total Output Wattage (W): 12.1 / 14.7

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

LED

Number of LEDs: 1

Constant Current (MA): 350

Color Temperature (°K): 2700 / 3000 / 3500 / 4000

Max. Delivered Lumen (lm): 870 / 970 / 1038 / 1060

Nominal Lumen (lm): 960 / 1070 / 1156 / 1180

CRI: >90 CRI

Efficiency (%): 90.5

Lamp Life (hrs): 50000

Upon Request: RGB-W Tunable White Special Color Temperature Special LED

OPTICAL

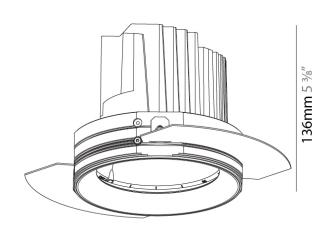
Reflector°: 10
Beam Angle: Narrow
Adjustability: Rotational 355°; Tilt 30°

Upon Request: Special Beam Angles

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

PROJECT
TYPE
SPECIFIER
QUANTITY
DATE





Ø 136mm 5 3/8"



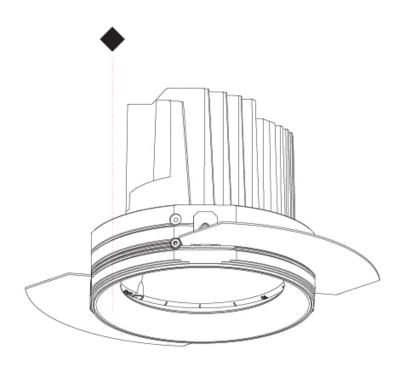


Page 3/36



A35188-

PROJECT	
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QUANTITY	
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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

Series: Bioniq Subseries: Bioniq Round Semi Adjustable Brand: Prolicht Division: Architectural Mounting Type: Trimless Mounting Location: Ceiling Subcategory: Downlight

PHYSICAL

Shape: Round Diameter (mm): 107 Diameter (in): 4 1/16 Height (mm): 112

Height (in): 4 1/16

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): 130 Min. Recessing Depth (in): 5 1/8

Light Distribution: Adjustable / Downlight

Weight (kg): 0.624 Weight (lbs): 1.38

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:

☐ 111mm / 4 3/8"

Upon Request: Unique Ceiling Thickness

ELECTRICAL

Lamp Type: LED (Zhaga Standard) Input Wattage (W): 13.2 / 16.5

Total Output Wattage (W): 12.1 / 14.7

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

CRI: >90 CRI

Efficiency (%): 88.5

Lamp Life (hrs): 50000

Upon Request: RGB-W Tunable White Special Color Temperature

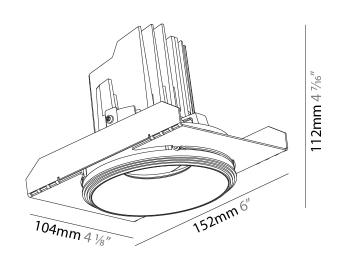
Special LED

Reflector°: 10

OPTICAL Adjustability: Rotational 355°; Tilt 10° Upon Request: Special Beam Angles

PROJECT TYPE SPECIFIER

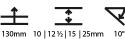
QUANTITY DATE



Ø 107mm 4 3/16"













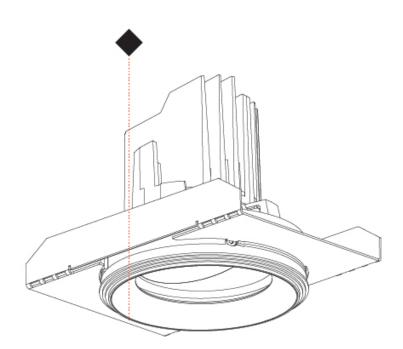


Page 5/36



A35203-

PROJECT	
ТУРЕ	
SPECIFIER	
QUANTITY	
DATE	







A35209	-	-	-	-
base number	LED	Color	Finishes	Ceiling

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 Round Semi Adjustable	
Brand: Prolicht	
Division: Architectural	
Mounting Type: Trimless	
Mounting Location: Ceiling	
Subcategory: Downlight	

Mounting Location: Ceiling
Subcategory: Downlight
PHYSICAL
Shape: Round
Diameter (mm): 136
Diameter (in): 5 ³ / ₈
Height (mm): 136
Height (in): 5 3/8
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): 150
Min. Recessing Depth (in): 5 1/8
Light Distribution: Adjustable / Downlight
Weight (kg): 1.04
Weight (lbs): 2.29
Fixture Finish: SSD / RKV / CWI / CDV / HAR / HET / ITA / DHA / ETG / MVG

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:

□ 140mm / 5 1/2" Upon Request: Unique Ceiling Thickness

ELECTRICAL

Lamp Type: LED (Zhaga Standard) Input Wattage (W): 13.2 / 16.5 Total Output Wattage (W): 12.1 / 14.7 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

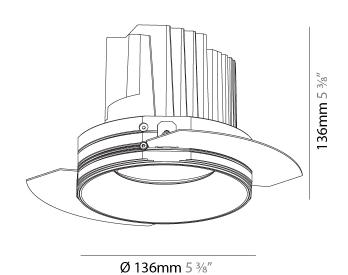
Color Temperature (°K): 2700 / 3000 / 3500 / 4000 Max. Delivered Lumen (lm): 870 / 970 / 1038 / 1060 Nominal Lumen (lm): 960 / 1070 / 1156 / 1180 CRI: >90 CRI Efficiency (%): 90.5 Lamp Life (hrs): 50000 Upon Request: RGB-W Tunable White Special Color Temperature

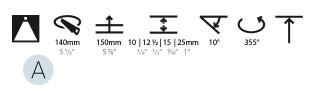
Special LED OPTICAL

Reflector°: 10 Adjustability: Rotational 355°; Tilt 10° Upon Request: Special Beam Angles

PROJECT TYPE SPECIFIER QUANTITY DATE





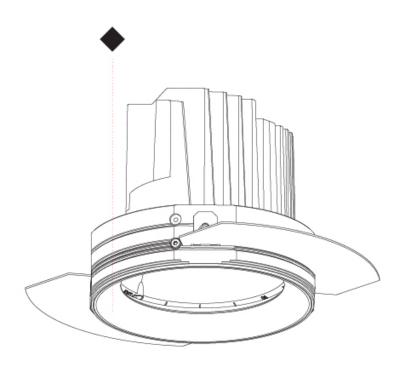


Page 7/36



A35209-

PROJECT	
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SPECIFIER	
QUANTITY	
DATE	







BIONIQ SQUARE ADJUSTABLE COMFORT

TRIMLESS

A35215	-	-	_	-	-	-
base number	LED	Color	Finishes	Finishes	Finishes	Ceiling
	Dimming	Temperature	(Diamond)	(Triangle)	(Circle)	Thickness

- 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 Comfort	
Brand: Prolicht	
Division: Architectural	
Mounting Type: Trimless	
Mounting Location: Ceiling	
Subcategory: Downlight	

PHYSICAL	
Shape: Square	
ength (mm): 106	
ength (in): 4 ³ / ₁₆	
Vidth (mm): 106	
Vidth (in): 4 ³ / ₁₆	
leight (mm): 134	
leight (in): 5 1/4	
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): 150

Min. Recessing Depth (in): 5 1/8

Light Distribution: Adjustable / Downlight

Weight (kg): 0.655

Weight (lbs): 1.44

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): 13.2 / 16.5

Total Output Wattage (W): 12.1 / 14.7

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

CRI: >90 CRI

Efficiency (%): 88.5

Lamp Life (hrs): 50000

Upon Request: RGB-W Tunable White Special Color Temperature Special LED

OPTICAL

Reflector°: 10

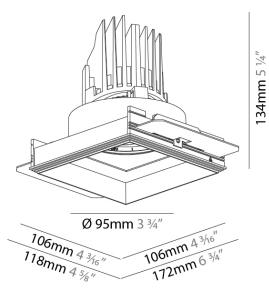
Adjustability: Rotational 355°; Tilt 30°

Upon Request: Special Beam Angles



TYPE SPECIFIER

QUANTITY DATE







Page 9/36

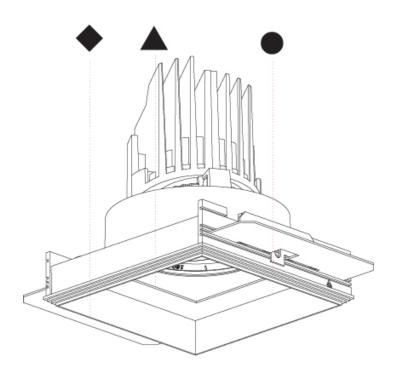


BIONIQ SQUARE ADJUSTABLE COMFORT

TRIMLESS

A35215-

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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

Series: Bioniq Subseries: Bioniq Round Adjustable Brand: Prolicht Division: Architectural Mounting Type: Recessed Mounting Location: Ceiling Subcategory: Downlight

PHYSICAL Shape: Round Diameter (mm): 107 Diameter (in): 4 1/16 Height (mm): 112 Height (in): 4 1/16 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): 0.47 Weight (lbs): 1.04

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 / 15 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

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 CRI: >90 CRI

Efficiency (%): 0.885 Lamp Life (hrs): 50000

OPTICAL

Reflector°: 10

Adjustability: Rotational 355°; Tilt 30°

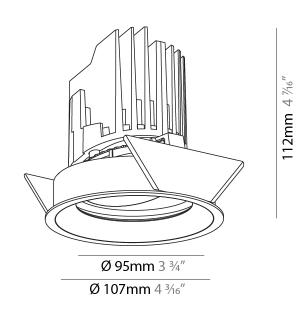
RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards

IP rating: IP20

























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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

Series: Bioniq Subseries: Bioniq Round Adjustable Brand: Prolicht Division: Architectural Mounting Type: Recessed Mounting Location: Ceiling Subcategory: Downlight

PHYSICAL Shape: Round Diameter (mm): 139 Diameter (in): 5 1/2 Height (mm): 137 Height (in): 5 \(^{3}\){ 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): 0.805 Weight (lbs): 1.77

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: 130mm / 5 1/8"

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

Number of LEDs: 1

Lamp Life (hrs): 50000

Constant Current (MA): 350

Color Temperature (°K): 2700 / 3000 / 3500 / 4000 Max. Delivered Lumen (lm): 870 / 970 / 1039 / 1060 Nominal Lumen (lm): 960 / 1070 / 1156 / 1180 CRI: >90 CRI Efficiency (%): 0.905

OPTICAL

Reflector°: 10 Optic°: Lens Pack - No Lens Adjustability: Rotational 355°; Tilt 30°

RATINGS AND CERTIFICATIONS

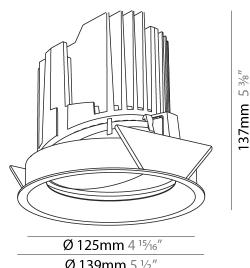
Certified By: CSA Certified to UL and CSA Standards

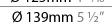
IP rating: IP20

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PROJECT TYPE SPECIFIER QUANTITY DATE



























A35233-

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A35236-

base number

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

Series: Bioniq Subseries: Bioniq Round Adjustable Brand: Prolicht Division: Architectural Mounting Type: Recessed Mounting Location: Ceiling Subcategory: Downlight

PHYSICAL Shape: Round Diameter (mm): 107 Diameter (in): 4 1/16 Height (mm): 112 Height (in): 4 1/16 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): 0.47

Weight (lbs): 1.04 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 / 15 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

Number of LEDs: 1

Color Temperature (°K): 2700 / 3000 / 3500 / 4000 Max. Delivered Lumen (lm): 790 / 880 / 951 / 970 Nominal Lumen (lm): 960 / 1070 / 1156 / 1180 CRI: >90 CRI Efficiency (%): 0.885 Lamp Life (hrs): 50000

OPTICAL

Reflector°: 10 Optic°: Lens Pack - No Lens Adjustability: Rotational 355°; Tilt 30°

RATINGS AND CERTIFICATIONS

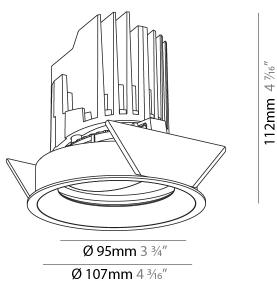
Certified By: Certified for North American Standards

IP rating: IP20

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PROJECT TYPE SPECIFIER QUANTITY DATE

















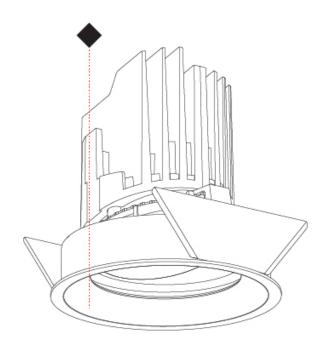






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base number

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

Series: Bioniq
Subseries: Bioniq Round Adjustable
Brand: Prolicht
Division: Architectural
Mounting Type: Recessed
Mounting Location: Ceiling

Subcategory: Downlight

PHYSICAL

Shape: Round

Diameter (mm): 139

Diameter (in): 5 ½

Height (mm): 137

Height (in): 5 ¾

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 ¾

Light Distribution: Adjustable / Downlight

Weight (kg): 0.849

Weight (lbs): 1.87

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: 130mm / 5 1/8"

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

LED

Number of LEDs: 1

Constant Current (MA): 350

Color Temperature (°K): 2700 / 3000 / 3500 / 4000

Max. Delivered Lumen (lm): 810 / 900 / 970 / 990

Nominal Lumen (lm): 960 / 1070 / 1156 / 1180

CRI: >90 CRI

Efficiency (%): 0.905

Lamp Life (hrs): 50000

OPTICAL

Reflector^o: 10

Adjustability: Rotational 355°; Tilt 30°

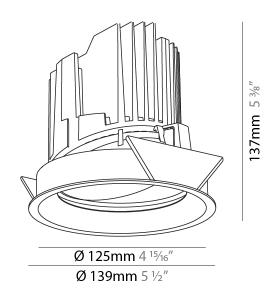
RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards

IP rating: IP54



















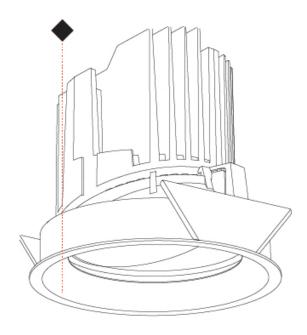






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base number

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

Series: Bioniq
Subseries: Bioniq Round Semi Adjustable
Brand: Prolicht
Division: Architectural
Mounting Type: Recessed
Mounting Location: Ceiling
Subcategory: Downlight

PHYSICAL

Shape: Round

Diameter (in): 4 $\frac{3}{1_{16}}$ Height (mm): 112

Height (in): 4 $\frac{7}{1_{16}}$ 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 $\frac{1}{1_{8}}$ Light Distribution: Adjustable / Downlight

Weight (kg): 0.488

Weight (lbs): 1.08

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 / 1029 / 1050

Nominal Lumen (lm): 960 / 1070 / 1156 / 1180

CRI: >90 CRI

Efficiency (%): 0.885

Lamp Life (hrs): 50000

OPTICAL

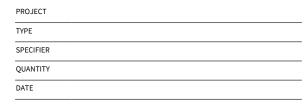
Reflector^o: 10

Adjustability: Rotational 355°; Tilt 10°

RATINGS AND CERTIFICATIONS

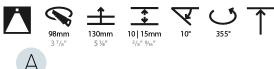
Certified By: Certified for North American Standards

IP rating: IP20







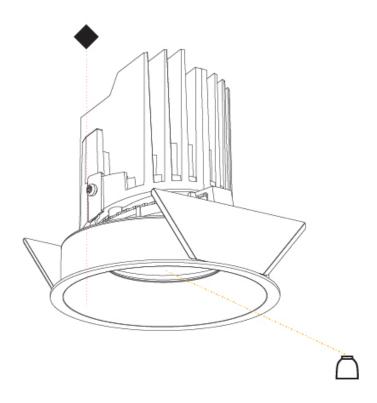


Page 19/36



A35290-

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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

Series: Bioniq	
Subseries: Bioniq Round Semi Adjustable	
Brand: Prolicht	
Division: Architectural	
Mounting Type: Recessed	
Mounting Location: Ceiling	
Colorate and Deput light	

Subcategory, Downlight
PHYSICAL
Shape: Round
Diameter (mm): 139
Diameter (in): 5 ½
Height (mm): 137
Height (in): 5 $\frac{3}{8}$
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): 0.814
Weight (lbs): 1.79

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: 130mm / 5 1/8"

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

LED

Number of LEDs: 1

Constant Current (MA): 350

Color Temperature (°K): 2700 / 3000 / 3500 / 4000

Max. Delivered Lumen (lm): 870 / 970 / 1039 / 1060

Nominal Lumen (lm): 960 / 1070 / 1156 / 1180

CRI: >90 CRI

Efficiency (%): 90.5

Lamp Life (hrs): 50000

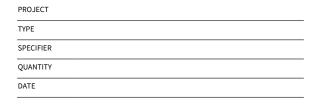
OPTICAL

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

RATINGS AND CERTIFICATIONS

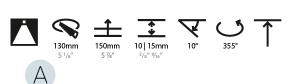
Certified By: Certified for North American Standards

IP rating: IP20









Page 21/36



A35299-

PROJECT		
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QUANTITY		
DATE		







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

5E11E101E	
Series: Bioniq	
Subseries: Bioniq Round Semi Adjustable	
Brand: Prolicht	
Division: Architectural	
Mounting Type: Recessed	
Mounting Location: Ceiling	
Subcategory: Downlight	

Subcategory: Downlight	
PHYSICAL	
Shape: Round	
Diameter (mm): 107	
Diameter (in): 4 ³ / ₁₆	
Height (mm): 112	
Height (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 $\frac{1}{8}$	
Light Distribution: Adjustable / Downlight	
Weight (kg): 0.452	
Weight (lbs): 1	

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

LED

Number of LEDs: 1

Constant Current (MA): 350

Color Temperature (°K): 2700 / 3000 / 3500 / 4000

Max. Delivered Lumen (lm): 790 / 880 / 950 / 970

Nominal Lumen (lm): 960 / 1070 / 1156 / 1180

CRI: >90 CRI

Efficiency (%): 88.5

Lamp Life (hrs): 50000

OPTICAL Reflector°: 10

Adjustability: Rotational 355°; Tilt 10°

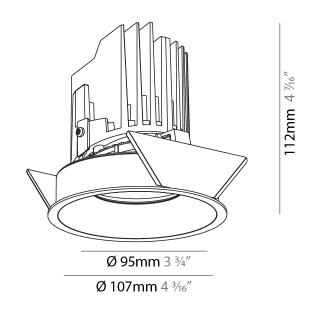
RATINGS AND CERTIFICATIONS

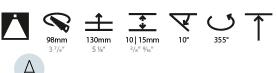
Certified By: Certified for North American Standards

IP rating: IP54











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SPECIFIER		
QUANTITY		
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A35311-

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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

Series: Bioniq Subseries: Bioniq Round Semi Adjustable Brand: Prolicht Division: Architectural Mounting Type: Recessed Mounting Location: Ceiling Subcategory: Downlight

PHYSICAL Shape: Round Diameter (mm): 139 Diameter (in): 5 1/2 Height (mm): 137 Height (in): 5 \(^{3}\){ 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): 0.851 Weight (lbs): 1.88

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: 130mm / 5 1/8"

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

Number of LEDs: 1

Input Voltage (V): 120 - 277 Constant Current (MA): 350

Color Temperature (°K): 2700 / 3000 / 3500 / 4000 Max. Delivered Lumen (lm): 810 / 900 / 970 / 990 Nominal Lumen (lm): 960 / 1070 / 1156 / 1180 CRI: >90 CRI Efficiency (%): 0.905 Lamp Life (hrs): 50000

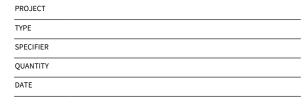
OPTICAL

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

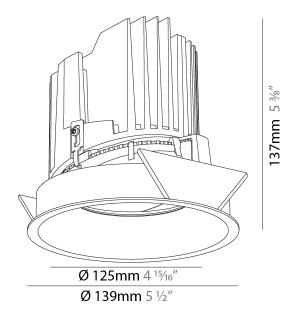
RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards

IP rating: IP54

























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BIONIQ SQUARE ADJUSTABLE RECESSED

A35359		-	-
base number	Color	Finishes	Finishes
	Temperature	(Diamond)	(Triangle)

 ${\it 1. To \ build \ a \ product \ code \ in \ our \ configurator \ select \ the \ specify \ button \ on}}$ 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	

Division. Architecturat
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): 132
Depth (in): 5 $\frac{3}{16}$
Ceiling Thickness (mm): 10 / 12.5 / 15
Ceiling Thickness (in): 3/8 or 1/2 or 9/16
Min. Recessing Depth (mm): 200
Min. Recessing Depth (in): 7 1/2
Light Distribution: Adjustable / Downlight
Weight (kg): 0.544
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 /

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 (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	
CRI: >90 CRI	
Lamp Life (hrs): 50000	

OPTICAL

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

RATINGS AND CERTIFICATIONS

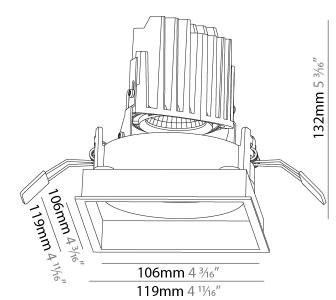
Certified By: Certified for North American Standards

IP rating: IP20

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PROJECT
TYPE
SPECIFIER
QUANTITY
DATE

















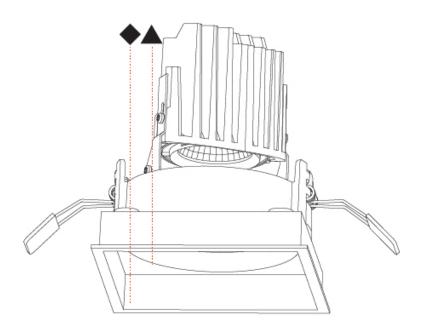




BIONIQ SQUARE ADJUSTABLE RECESSED

A35359-

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SPECIFIER
QUANTITY
DATE







BIONIQ SQUARE ADJUSTABLE COMFORT

RECESSED

A35365-		-	-	-
base number	Color	Finishes	Finishes	Finishes
	Temperature	(Diamond)	(Triangle)	(Circle)

- 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 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): 132

Depth (in): 5 1/16

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 1/8 Light Distribution: Adjustable / Downlight

Weight (kg): 0.608

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): 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 / 1029 / 1050

Nominal Lumen (lm): 960 / 1070 / 1156 / 1180

CRI: >90 CRI

Lamp Life (hrs): 50000

OPTICAL

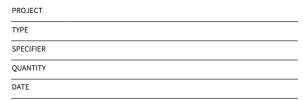
Reflector°: 14

Adjustability: Rotational 355°; Tilt 30°

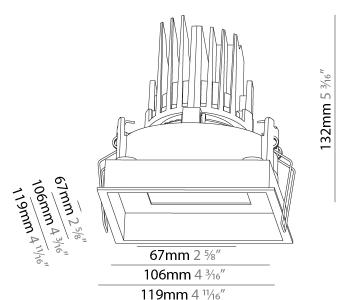
RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards

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Page 29/36

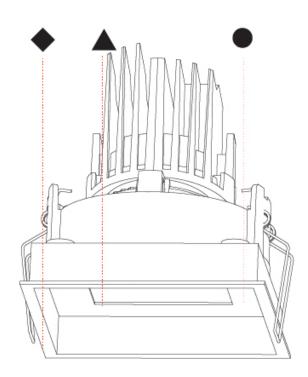


BIONIQ SQUARE ADJUSTABLE COMFORT

RECESSED

A35365-

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QUANTITY	_
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BIONIQ SQUARE PINHOLE RECESSED

base number

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

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 1/16 Width (mm): 107 Width (in): 4 1/16 Depth (mm): 112 Depth (in): 4 1/16 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 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

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

CRI: >90 CRI

Lamp Life (hrs): 50000

OPTICAL

Reflector°: 10

Adjustability: Rotational 355°; Tilt 30°

RATINGS AND CERTIFICATIONS

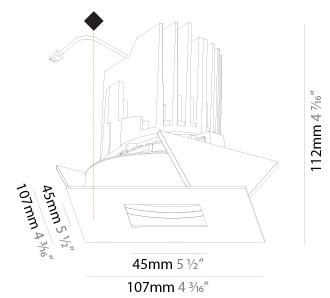
Certified By: Certified for North American Standards

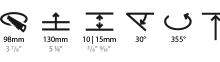
IP rating: IP20

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PROJECT TYPE SPECIFIER QUANTITY DATE









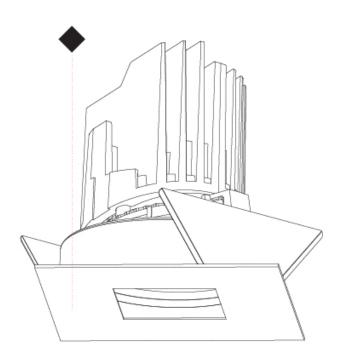




BIONIQ SQUARE PINHOLE RECESSED

A35374-

PROJECT	
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YTITMAUÇ	
DATE	







BIONIQ ROUND PINHOLE RECESSED

A37855-

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

Series: Bioniq
Subseries: Bioniq Round Pinhole
Brand: Prolicht
Division: Architectural
Mounting Type: Recessed
Mounting Location: Ceiling

Subcategory: Downlight

PHYSICAL

Shape: Round

Diameter (mm): 139

Diameter (in): 5 ½

Height (mm): 126

Height (in): 4 ½

Ediling Thickness (mm): 10 / 12.5 / 15

Ceiling Thickness (in): 3/8 or 1/2 or 9/16

Min. Recessing Depth (mm): 140

Min. Recessing Depth (in): 5 ½

Light Distribution: Adjustable / Downlight

Weight (kg): 0.86

Weight (lbs): 1.9

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: 130mm / 5 1/8"

ELECTRICAL

Lamp Type: LED (Zhaga Standard)
Input Wattage (W): 13.2 / 16.5

Total Output Wattage (W): 12 / 15

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

Input Voltage (V): 120 - 277 Constant Current (MA): 350

LED

Number of LEDs: 1

Housing: See components

Color Temperature (°K): 2700 / 3000 / 3500 / 4000

Max. Delivered Lumen (lm): 810 / 900 / 970 / 990 Nominal Lumen (lm): 960 / 1070 / 1156 / 1180

CRI: >90 CRI

Lamp Life (hrs): 50000

OPTICAL Reflector°: 10

Adjustability: Rotational 355°; Tilt 30°

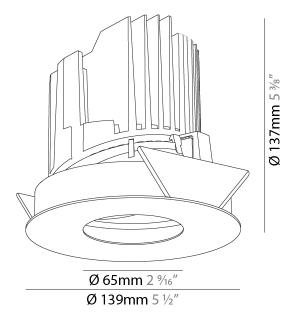
RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards

IP rating: IP20



















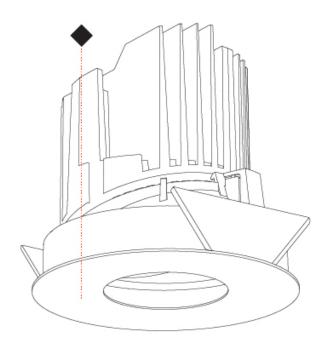




BIONIQ ROUND PINHOLE RECESSED

A37855-

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SPECIFIER	_
QUANTITY	_
DATE	_







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

	PROJECT
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	SPECIFIER
	QUANTITY
	DATE

LEGEND

=	loor-mounted				
	CALL THE CALL	¥	pivotable	⊛	special LED (upon request) RGB, RGBW, tunable, gold+, meat+, art+, fashion+
× 1	vall and ceiling: recessed and surface mounted	S	rotating	0	warm dim / natural dimming LED
↑ ce	eiling-mounted and wall-mounted	Œ	illuminate tilted	0	rechargeable battery powered
→ w	vall-mounted	I	color of suspension cable	THEO	fixture with natural vivid LED (upon request)
or	omni-directional light distribution	←···	length of suspension cable	CRI	color rendering index
di	lirect light distribution	D	reflector degree selection	(K)	color temperature
di	lirect/indirect light distribution	s s	super spot	(<u>X</u>)	lumen (luminous flux)
in	ndirect light distribution	*	lens	₹	efficacy (lumens per watt)
as	symmetric light distribution	8	lens pack	UGR	Unified Glare Rating (UGR) range from 5-40
au	ura light distribution	0	shine ring	€	marine grade (AISI 316 stainless steel)
₯ ro	ound wall or ceiling cut-out	\odot	integrated shine ring with diffuser	3	walk on
Sc	quare wall or ceiling cut-out		free individual colors 01-29	②	drive on
ද ි දු th	he supplied jig specifies the cutout dimensions	C	individual colors: 00 (free of charge), 01-25 (extra charge)	DSC	Dark Sky Compliance
d•₊+ m	ninimum distance (meters) lamp - object	♦	luminaire part to be colored (F1)	Ġ	Americans with Disabilities Act (less than 4" off the wall located between 27"-84" from floor)
<u></u> re	ecessed depth	lack	luminaire part to be colored (F2)		lamp protected against explosion
‡ ce	eiling thickness in mm	•	luminaire part to be colored (F3)		blown glass using traditional methods by master glass blower
1 ce	eiling thickness selection		luminaire part to be colored (F4)		acoustic material
== (st	limmable DP (phase), DV (0-10V), DD (dali), DS step-dim)		luminaire part to be colored (F5)		protection class I, protection insulation
in cc	ncluded or excluded LED driver/transformer/ ontrol gear	•	color of 3-circuit adaptor		protection class II, protection insulation
රි se	eparately switchable	\odot	indirect diffuser		ETL Certified to UL and CSA Standards
•் y se	ensor	0	direct diffuser	շ (Մ) տ	UL Certified to UL and CSA Standards
[re	emote control	0	ball-proof (upon request)	(II)	CSA Certified to UL and CSA Standards
) av	vailable upon request	9	accessory	\mathbf{Z}	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)

IK02	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)

protected against 20 joules impact (equivalent to 5.0kg mass dropped from 400mm 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