BIONIQ SQUARE DEEP COMFORT TRIMLESS

										DAT	E				
A35221- base number LED		Color	- Finishes	- Finishes	Finishes	- Ceiling	Reflector	-							
Dimmi	ng	Temperature			(Circle)	Thickness	Options								
1.To build a product	t code	in our config	urator sel	ect the specify	button on										
the base model # pr															
2. To build a manua options listed below	l prod in bli	uct code on i le font and a	his datasl dd the suf	heet choose fro fix to the base i	m the model #										
GENERAL	more		aa the sun		nouer //										
Series: Bioniq															
Subseries: Bioniq So	quare	Deep Comfo	rt												
Brand: Prolicht															
Division: Architectu															
Mounting Type: Trin		~													
Mounting Location: Subcategory: Down		Ig													
PHYSICAL	ugite														
Shape: Square															
Length (mm): 106															
Length (in): $4\frac{3}{16}$															
Width (mm): 106													/		
Width (in): $4\frac{3}{16}$															
Height (mm): 150															
Height (in): 5 ⁷ / ₈															
Ceiling Thickness (n	nm): 1	0 / 12.5 / 15	/ 25												
Ceiling Thickness (in	n): 3/8	or 1/2 or 9/2	L6 or 1												
Min. Recessing Dept															
Min. Recessing Dept															
Light Distribution: D	Downl	ight													
Weight (kg): 0.717															
Weight (lbs): 1.58 Fixture Finish: SSR /															
LOD / PUS / FRO / FI COM / ABZ / JAG / O	UP / K	IA / POP / BL										24			
Fixture Material: Alu	ıminu	m Die Cast									\int				
Cut-out Measureme				m / 4 3/4"					T		-	11			
Upon Request: Unic	que Ce	iling Thickn	ess								\square				
ELECTRICAL														" ⁸ /2	
Lamp Type: LED (Zh		tandard)									0				
Input Wattage (W): 1 Total Output Wattag		. 1 / 5												E E	
Dimming: Tri-Mode	-		d Phase D	imming (120V	ac only)									0mm 5	
and 0-10V Dimming		Dimining an	a i nase b	11111116 (1201)	ac only)				<u> </u>					15(
Driver Included: No															
Driver Location: Rec	cessed	l Housing							d				*		
Driver Type: Consta		rrent - Unive	rsal												
Driver Class: Class 2									\ll			\bigcirc			
Housing: See compo								\sim			-				
Input Voltage (V): 12 Constant Current (M															
LED															
Number of LEDs: 1								10	06mm 4			1	3/16		
Color Temperature	(°K): 2	700 / 3000 /	3500 / 400	00				1.	4	3/16"	10	6mm -			
Max. Delivered Lum								18,	$m_{4.5/8}$	-	,0	/	$n^{6^{3/46''}}$		
Nominal Lumen (Im		. , ,							4.5/8	-	/	172mr	11 -		
CRI: >90 CRI															
Efficiency (%): 87.9	/ 88.4	/ 87.9							•		_				
Lamp Life (hrs): 500									Ŧ	*		1			
Upon Request: RGB Special LED	-W Tu	nable White	Special C	olor Temperat	ure			120 x 120mm 4 ³ / ₄ " x 4 ³ / ₄ "	170mm 10 10 10 10 10 10 10 1	12 ½ 15 8″ 1/2″ %16″		I			
OPTICAL							Δ								
Reflector°: 20 / 40 /							A	N I							
Upon Request: Spec	cial Be	am Angles													

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PROJECT

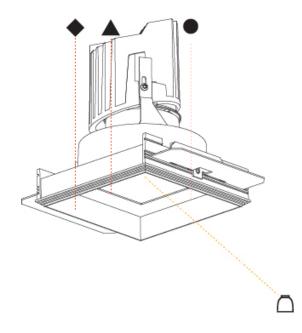
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BIONIQ SQUARE DEEP COMFORT TRIMLESS

A35221-

PROJECT

TYPE			
SPECIFIER			
QUANTITY			
DATE			



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BIONIQ SQUARE DEEP TRIMLESS

A35532-

eflector	

1. To build a product code in our configurator select the specify button on the base model # product page

2. To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #

GENERAL

Series: Bioniq	
Subseries: Bioniq Square Deep	
Brand: Prolicht	
Division: Architectural	
Mounting Type: Trimless	
Mounting Location: Ceiling	
Subcategory: Downlight	
PHYSICAL	
Diameter (mm): 95	
Diameter (in): 3 ³ / ₄	
Length (mm): 106	
Length (in): $4\frac{3}{16}$	
Width (mm): 106	
Width (in): $4\frac{3}{16}$	
Height (mm): 150	
Height (in): $5\frac{7}{8}$	
Ceiling Thickness (mm): 10 / 12.5 / 15 / 25	
Ceiling Thickness (in): 3/8 or 1/2 or 9/16 or 1	
Min. Recessing Depth (mm): 170	
Min. Recessing Depth (in): $6^{11}/_{16}$	
Light Distribution: Downlight	
Weight (kg): 0.688	
Weight (lbs): 1.52	
Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / M	YG /
LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / GUM / CH	IC /
COM / ABZ / JAG / OBR / MOS / ROR	
Fixture Material: Aluminum Die Cast	
Cut-out Measurements: 120mm / 4 3/4" x 120mm / 4 3/4"	
Upon Request: Unique Ceiling Thickness	
ELECTRICAL	
Lamp Type: LED (Zhaga Standard)	
Input Wattage (W): 16.5	
Total Output Wattage (W): 14.7	
Dimming: Dali Dimming	
Driver Included: No	
Driver Location: Recessed Housing	
Driver Type: Constant Current - 120Vac	
Driver Class: Class 2 Housing: See Components	
Input Voltage (V): 120	
Constant Current (MA): 350	
LED	
Number of LEDs: 1	
Color Temperature (°K): Warm Dim	

Color Temperature (°K): Warm Dim	
Max. Delivered Lumen (lm): 770	
Nominal Lumen (lm): 1140	
CRI: >90 CRI	
Lamp Life (hrs): 50000	
Upon Request: RGB-W Tunable White Special Color Tempe Special LED	rature

OPTICAL

Reflector°: 20 / 40 / 60

Upon Request: Special Beam Angles

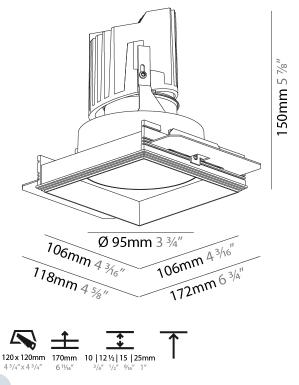
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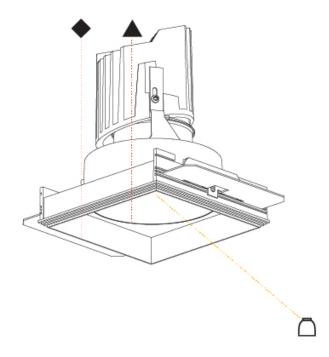


BIONIQ SQUARE DEEP TRIMLESS

A35532-

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BIONIQ SQUARE DEEP COMFORT TRIMLESS

A35533-

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

1. To build a product code in our configurator select the specify button on the base model # product page

2. To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #

GENERAL

Series: Bioniq
Subseries: Bioniq Square Deep Comfort
Brand: Prolicht
Division: Architectural
Mounting Type: Trimless
Mounting Location: Ceiling
Subcategory: Downlight
PHYSICAL
Shape: Square
Length (mm): 106
Length (in): $4\frac{3}{16}$
Width (mm): 106
Width (in): 4 ³ / ₁₆
Height (mm): 150
Height (in): 5 ⁷ / ₈
Ceiling Thickness (mm): 10 / 12.5 / 15 / 25
Ceiling Thickness (in): 3/8 or 1/2 or 9/16 or 1
Min. Recessing Depth (mm): 170
Min. Recessing Depth (in): 1^{10}
Light Distribution: Downlight
Weight (kg): 0.769
Weight (lbs): 1.69
Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MY
LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / GUM / CH
COM / ABZ / JAG / OBR / MOS / ROR
Fixture Material: Aluminum Die Cast
Cut-out Measurements: 120mm / 4 3/4" x 120mm / 4 3/4"
Upon Request: Unique Ceiling Thickness
ELECTRICAL
Lamp Type: LED (Zhaga Standard)
Input Wattage (W): 16.5
Total Output Wattage (W): 14.7
Dimming: Dali Dimming
Driver Included: No
Driver Location: Recessed Housing
Driver Type: Constant Current - 120Vac
Driver Class: Class 2
Housing: See Components
Input Voltage (V): 120
Constant Current (MA): 350
LED
Number of LEDs: 1
Max. Delivered Lumen (lm): 770
Nominal Lumen (lm): 1140
CRI: >90 CRI
Lamp Life (hrs): 50000
Upon Request: RGB-W Tunable White Special Color Temperature Special LED
OPTICAL

Reflector°: 20 / 40 / 60

Upon Request: Special Beam Angles

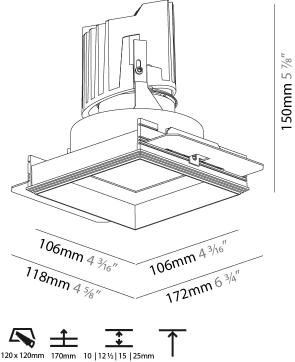
RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards

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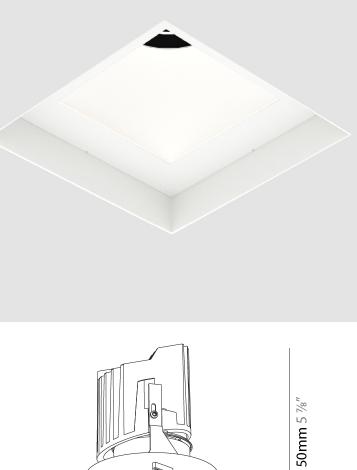
6 11/16"

4³/₄" x 4³/₄"



PROJECT

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QUANTITY			
DATE			

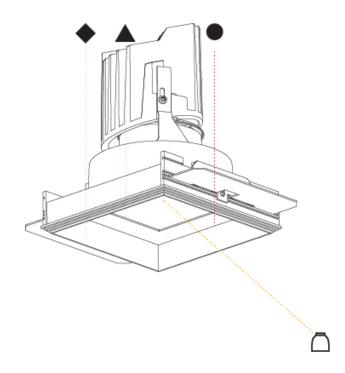


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BIONIQ SQUARE DEEP COMFORT TRIMLESS

A35533-

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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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BIONIQ

LEGEND

PROJECT

TYPE

SPECIFIER QUANTITY

DATE

Special LED (upon request) RGB, RGBW, tunable, gold+, meat+, art+, fashion+ 1 floor-mounted Y pivotable 1 warm dim / natural dimming LED wall and ceiling: recessed and surface mounted 0 0 rotating 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) Y omni-directional light distribution 1 length of suspension cable CRI color rendering index \square Ä direct light distribution reflector degree selection °K) color temperature X direct/indirect light distribution s s (LM) lumen (luminous flux) super spot \mathbf{Y} Å LM indirect light distribution lens efficacy (lumens per watt) æ asymmetric light distribution lens pack UGR Unified Glare Rating (UGR) range from 5-40 Ä aura light distribution 0 3 marine grade (AISI 316 stainless steel) shine ring R integrated shine ring with diffuser M walk on round wall or ceiling cut-out 5 squ d la the **(**+,+) mir 1 reco

round wall or celling cut-out	\mathbf{O}	Integrated shine ring with diffuser	3	walk on
🕻 square wall or ceiling cut-out	H	free individual colors 01-29		drive on
the supplied jig specifies the cutout dimensions	Ċ	individual colors: 00 (free of charge), 01-25 (extra charge)	DSC	Dark Sky Compliance
minimum 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)
recessed depth		luminaire part to be colored (F2)		lamp protected against explosion
ceiling thickness in mm		luminaire part to be colored (F3)	٢	blown glass using traditional methods by master glass blower
ceiling thickness selection		luminaire part to be colored (F4)	€∙	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
separately switchable	\odot	indirect diffuser		ETL Certified to UL and CSA Standards
/ sensor	D	direct diffuser	c (U) us	UL Certified to UL and CSA Standards
remote control	\odot	ball-proof (upon request)	(CSA Certified to UL and CSA Standards
] available upon request	U	accessory	\square	Certified for North American Standards

IP RATING

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IP20	protected against ingress of solid bodies greater than 12.5mm (finger)
IP33	protected against ingress of solid bodies greater than 2.5mm protected against sprays of water up to 60 degrees from the vertical (rain)
IP40	protected against ingress of solid bodies greater than 1mm (wire) no protection against the ingress of moisture
IP43	protected against ingress of solid bodies greater than 1mm (wire) protected against sprays of water up to 60 degrees from the vertical (rain)
IP44	protected against ingress of solid bodies greater than 1mm (wire) protected against water splashed from all directions
1954	protected against limited ingress of dust (wet rooms/covered outdoor areas) protected against water splashed from all directions
1965	protected against ingress of dust protected against jets of water
1966	protected against ingress of dust protected against powerful jets of water or heavy seas
IP67	protected against ingress of dust protected against immersion of water between 15cm - 1m for 30 minutes
IP68	protected against ingress of dust protected against immersion of water under pressure for long periods

IK RATING

КО1	protected against 0.14 joules impact (equivalent to 0.25kg mass dropped from 56mm above the surface)
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)
IK07	protected against 2 joules impact (equivalent to 0.5kg mass dropped from 400mm above the surface)
КОВ	protected against 5 joules impact (equivalent to 1.7kg mass dropped from 300mm above the surface)
1609	protected against 10 joules impact (equivalent to 5.0kg mass dropped from 200mm above the surface)
IK10	protected against 20 joules impact (equivalent to 5.0kg mass dropped from 400mm above the surface)

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