BIONIQ SQUARE ADJUSTABLE COMFORT

Finishes

(Triangle)

Finishes

(Circle)

Ceiling

Thickness

TRIMLESS

A35212-

base number Color

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 #

Finishes

GENERAL Sorios: Bionio

Series: Bioniq	
Subseries: Bioniq Square Adjustable 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): 134	
Height (in): $5\frac{1}{4}$	
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 (ini): $5\frac{7}{8}$	
Light Distribution: Adjustable / Downlight	
Weight (kg): 0.655	
Weight (lbs): 1.44	
Fixture Finish: SSR / BKV / CWI / CRY / HAB / LAG / UFT / ITA MIC / FTG / MYG / TWT / LOD / PUS / FRO / FUP / KIA / POP / MEY / GOH / GUM / CHC / COM / ABZ / JAG / OBR / MOS / RO	BLS / SPG /
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): 15.5	
Total Output Wattage (W): 14.5	
Dimming: Tri-Mode (Non-Dimming and Phase Dimming (12) and 0-10V Dimming)	0Vac only)
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

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
Efficiency (%): 87.9 / 88.4 / 87.9
Lamp Life (hrs): 50000
Upon Request: RGB-W Tunable White Special Color Temperatur Special LED
OPTICAL

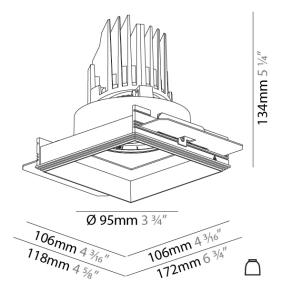
1	Reflector [®] : 20 / 40 / 60
1	Adjustability: Rotational 355°; Tilt 30

Upon Request: Special Beam Angles

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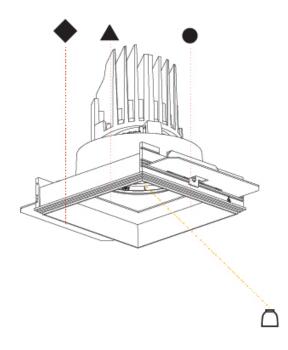
BIONIQ SQUARE ADJUSTABLE COMFORT

TRIMLESS

A35212-

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BIONIQ SQUARE ADJUSTABLE COMFORT

Finishes

Finishes

(Triangle)

Finishes

(Circle)

Ceiling

TRIMLESS

A35215-

- base number LED Dimming
 - 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 Adjustable 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): 134	
Height (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): $5\frac{7}{8}$	
Light Distribution: Adjustable / Downlight	
Weight (kg): 0.655	
Weight (lbs): 1.44	
Fixture Finish: SSR / BKV / CWI / CRY / HAB / LAG / UFT / ITA / RUA / RU	JR /
MIC / FTG / MYG / TWT / 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	

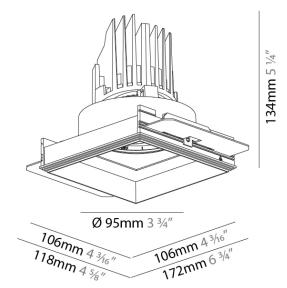
OPTICAL	
Special LED	
Upon Request: RGB-W Tunable White Special Color Temperature	
Lamp Life (hrs): 50000	
Efficiency (%): 88.5	
CRI: >90 CRI	
Nominal Lumen (lm): 960 / 1070 / 1156 / 1180	
Max. Delivered Lumen (lm): 850 / 950 / 1019 / 1040	
eotor remperature (10: 2100/ 3000/ 3300/ 4000	

0 Reflector°: 10

Adjustability: Rotational 355°; Tilt 30° Upon Request: Special Beam Angles

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BIONIQ SQUARE ADJUSTABLE COMFORT

TRIMLESS

A35215-

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BIONIQ SQUARE DEEP TRIMLESS

A35218	-		-	-	-	-	-
base number	LED	Color	Finishes	Finishes	Finishes	Ceiling	Reflector
	Dimming	Temperature	(Diamond)	(Triangle)	(Circle)	Thickness	Options

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

2. To build a manual product code on this datasheet choose from the

options listed below in blue font and add the suffix to the base model #

GENERAL

Series: Bionig
Subseries: Bioniq Square Deep
Brand: Prolicht
Division: Architectural
Mounting Type: Trimless
Mounting Location: Ceiling
Subcategory: Downlight
PHYSICAL
Shape: Square
Diameter (mm): 95
Diameter (in): 3 ³ / ₄
Length (mm): 106
Length (in): 4^{3}_{16}
Width (mm): 106
Width (ini): $4\frac{3}{16}$
Depth (mm): 150
Depth (in): $5\frac{7}{6}$
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 (init): 1^{17} Min. Recessing Depth (in): 6^{11} / ₁₆
Light Distribution: Downlight
Weight (lbs): 1.55
Fixture Finish: SSR / BKV / CWI / CRY / HAB / LAG / UFT / ITA / RUA / RUR /
MIC / FTG / MYG / TWT / 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): 15.5
Total Output Wattage (W): 14.5
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

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
Efficiency (%): 87.9 / 88.4 / 87.9
Lamp Life (hrs): 50000
Upon Request: RGB-W Tunable White Special Color Temperature
Special LED

OPTICAL

Reflector°: 20 / 40 / 60

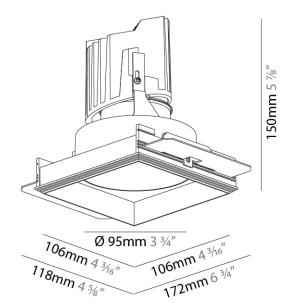
Upon Request: Special Beam Angles

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BIONIQ SQUARE DEEP TRIMLESS

A35218-

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A35221-

BIONIQ SQUARE DEEP COMFORT TRIMLESS

ТҮРЕ
SPECIFIER
QUANTITY
DATE

PROJECT

base number	LED Dimming	Color Temperature	Finishes (Diamond)	Finishes (Triangle)	Finishes (Circle)	Ceiling Thickness	Reflector Options
the base mo	del # produc						
		duct code on t lue font and a					
GENERAL	a below mb		au the sum	to the base	model		
	ia						
Series: Bioni		a Daan Camfa	r+				
Brand: Proli		e Deep Comfo	i i				
Division: Arc							
Mounting Ty		ς					
Mounting Lo							
Subcategory							
PHYSICAL	,						
Shape: Squa	are						
Length (mm							
Length (in):							
Width (mm):							
Width (in): 4							
Height (mm)							
Height (in): 5							
		10 / 12.5 / 15 /	/ 25				
		/8 or 1/2 or 9/1					
Min. Recessi							
Min. Recessi							
Light Distrib							
Weight (kg):							
Weight (lbs):							
Fixture Finis MIC / FTG / M	h: SSR / BKV MYG / TWT /	/ / CWI / CRY / I LOD / PUS / FF / COM / ABZ / 、	RO / FUP / K	A / POP / BL			
Fixture Mate			/ - /				
		120mm / 4 3/4	4" x 120mm	/ 4 3/4"			
Upon Reque	est: Unique C	Ceiling Thickne	ess				
ELECTRICAL	L						
Lamp Type:	LED (Zhaga	Standard)					2
Input Watta	ge (W): 15.5						E
Total Outpu							E E
		n-Dimming and	d Phase Din	nming (120V	'ac only)		20mm
and 0-10V Di Driver Includ							
Driver Locat							
		urrent - Univer	real				
Driver Class:			301				
Housing: See		nts					
Input Voltag							
Constant Cu							
LED							
Number of L	EDs: 1						$\frac{106mm}{4_{3_{16}''}}$ 106mm $4_{3/16''}$
		2700 / 3000 / 3	3500 / 4000				770 "14 3/16" 106mm
		m): 940 / 980 /)			$7_{18mm} 4_{5\%}$ 106min $6_{3/4}$
		86 / 1438 / 151					$\frac{106mm}{4_{376''}} \frac{106mm}{106mm} \frac{4^{3/16''}}{4_{56''}} \frac{106mm}{172mm} \frac{6^{3/4''}}{6^{3/4''}}$
CRI: >90 CRI							
Efficiency (%	6): 87.9 / 88.4	4 / 87.9					
Lamp Life (h							
Special LED		unable White	Special Colo	or Temperat	ure		$\begin{array}{c c c c c c c c c c c c c c c c c c c $
OPTICAL							٨
Reflector ^o : 2							A
Upon Reque	st. Special F	Ream Angles					

Upon Request: Special Beam Angles

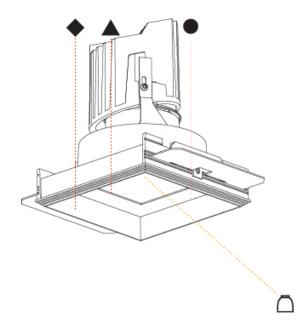
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BIONIQ SQUARE DEEP COMFORT TRIMLESS

A35221-

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BIONIQ SQUARE ADJUSTABLE TRIMLESS

A37884-

base number	LED	Color	Finishes	Finishes	Ceiling
	Dimming	Temperature	(Diamond)	(Triangle)	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	
Brand: Prolicht	
Division: Architectural	
Mounting Type: Trimless	
Mounting Location: Ceiling	
Subcategory: Downlight	
PHYSICAL	
Shape: Square Diameter (mm): 95	
Diameter (ini): $3\frac{3}{4}$	
Length (mm): 106	
Length (in): $4\frac{1}{16}$	
Width (mm): 106	
Width (in): $4\frac{3}{16}$	
Height (mm): 134	
Height (in): 5 ¼	
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): 0.657	
Weight (lbs): 1.45	
Fixture Finish: SSR / BKV / CWI / CRY / HAB / LAG / UFT / IT	
MIC / FTG / MYG / TWT / LOD / PUS / FRO / FUP / KIA / POP	
MEY / GOH / GUM / CHC / COM / ABZ / JAG / OBR / MOS / R	UR
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 (2700K) / 16.5	
Total Output Wattage (W): 12 (2700K) / 15	
Dimming: Tri-Mode (Non-Dimming and Phase Dimming (1	.20Vac 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	

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°

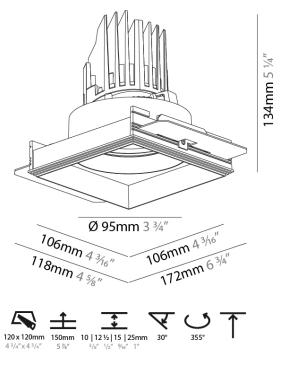
Upon Request: Special Beam Angles

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BIONIQ SQUARE ADJUSTABLE TRIMLESS

A37884-

PROJECT

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BIONIQ SQUARE ADJUSTABLE TRIMLESS

1. To build a product code in our configurator select the specify button on

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 #

Ceiling

Thickness

Reflector

Options

Finishes

(Triangle)

A37887							
base number	LED Dimming	Color Temperature	Finishes (Diamond)	-			

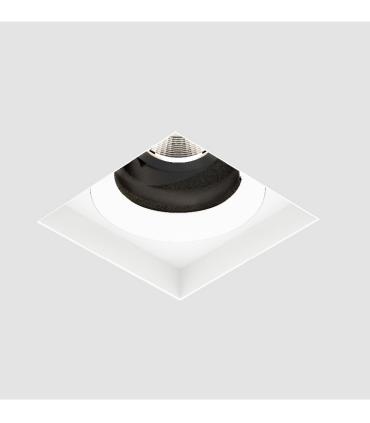
the base model # product page

Subseries: Bioniq Square Adjustable

GENERAL Series: Bioniq

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

FROJECT			
ТҮРЕ			
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DATE			



PHYSICAL	
Shape: Square	
Diameter (mm): 95	
Diameter (in): 3 ¾	
Length (mm): 106	
Length (in): 4 ³ / ₁₆	
Width (mm): 106	
Width (in): 4 ³ / ₁₆	
Height (mm): 134	
Height (in): 5 1/4	
Ceiling Thickness (mm)	: 10 / 12.5 / 15 / 25
Ceiling Thickness (in): 3	
Min. Recessing Depth (r	
Min. Recessing Depth (i	
Light Distribution: Adju	
Weight (kg): 0.655	
Weight (lbs): 1.44	
Fixture Finish: SSR / BK MIC / FTG / MYG / TWT /	V / CWI / CRY / HAB / LAG / UFT / ITA / RUA / RUR / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / / COM / ABZ / JAG / OBR / MOS / ROR
Fixture Material: Alumir	
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 (
	n-Dimming and Phase Dimming (120Vac only)
and 0-10V Dimming)	
Driver Included: No	
Driver Location: Recess	ed Housing
Driver Type: Constant C	urrent - Universal
Driver Class: Class 2	
Housing: See compone	nts
Input Voltage (V): 120 - 2	277
Constant Current (MA):	500
LED	
Number of LEDs: 1	

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	
Efficiency (%): 87.9 / 88.4 / 87.9	
Lamp Life (hrs): 50000	
Upon Request: RGB-W Tunable White Special Color Temperature Special LED	
OPTICAL	
Reflector°: 20 / 40 / 60	

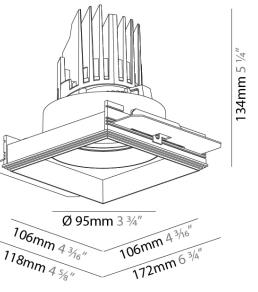
Reflector°: 20 / 40 / 6

Adjustability: Rotational 355°; Tilt 30°

Upon Request: Special Beam Angles

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BIONIQ SQUARE ADJUSTABLE TRIMLESS

A37887-

PROJECT

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SPECIFIER
QUANTITY
DATE



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June 22, 2024, 1:36 pm

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BIONIQ COLOR FINISH CHART

Fixture Finish

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PROJECT			
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SPECIFIER			
QUANTITY			
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Sparkling Silver - 01 (SSR)	Black Velvet - 02 (BKV)	Crystal White - 03 (CWI)	Creamy - 04 (CRY)	Hampton Bay - 05 (HAB)	Lagoon - 06 (LAG)
Urban Forest - 07 (UFT)	In the Army - 08 (ITA)	Rusty Angel - 09 (RUA)	Rusty Rush - 10 (RUR)	Milk and Chocolate - 11 (MIC)	Fade to Gray - 12 (FTG)
Mysterious Gray - 13 (MYG)	Twilight - 14 (TWT)	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 betwee **Physical:** When texture is involved, there will be variations in color, character and tone within a pro

and between product families.

Gun Metal: No Gun Metal finish is alike. It combines a mixture of transparent and black color particles and success a highly individual effect and no luminaire being identical.

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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 \circledast 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) -> 111 \mathbb{Y} omni-directional light distribution 1 CRI length of suspension cable color rendering index À direct light distribution Δ reflector degree selection °K color temperature direct/indirect light distribution s s LM) super spot 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 lamp protected against explosion recessed depth luminaire part to be colored (F2) blown glass using traditional methods by master € ceiling thickness in mm luminaire part to be colored (F3) A glass blower T ceiling thickness selection luminaire part to be colored (F4) 1) 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 \odot У indirect diffuser 1 separately switchable ETL Certified to UL and CSA Standards 2 sensor D direct diffuser 6 UL Certified to UL and CSA Standards 0 \odot ball-proof (upon request) SP CSA Certified to UL and CSA Standards remote control U (Z) 2 available upon request accessory 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
1954	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

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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)
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)
КОб	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)

Available for International specifications by adding 'INT' at the end of the existing Model #. For assistance on 'custom' specifications, contact zteam@zaneen.com.

In a constant effort to supply the best product, we reserve the right to change specifications or materials without notice. The most recent specification sheets are found at zaneen.com