Lamp Type: LED (Zhaga Standard) Input Wattage (W): 23.1 Total Output Wattage (W): 21.2

Driver Location: Recessed Housing Driver Type: Constant Current - Universal

Upon Request: Unique Ceiling Thickness

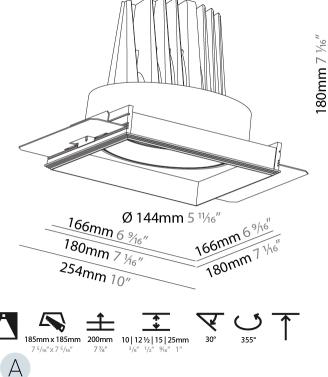
ELECTRICAL

and 0-10V Dimming) Driver Included: No

Driver Class: Class 2 Housing: See components Input Voltage (V): 120 - 277 Constant Current (MA): 700

### **MECHANIQ SQUARE COMF**

		ТҮРЕ
		SPECIFIER
MECHANIQ SQUARE COMFORT SINGL	ETRIMLESS	QUANTITY
		DATE
A35019	-	
base number LED Color Finishes Finishes Finishes Dimming Temperature (Diamond) (Triangle) (Circle)	Ceiling 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: Mechaniq Square Comfort		
Subseries: Mechaniq Square Comfort Single		
Brand: Prolicht		
Division: Architectural		*
Mounting Type: Trimless		
Mounting Location: Ceiling		
Subcategory: Downlight		
PHYSICAL		
Shape: Square		
Length (mm): 180		
Length (in): $7\frac{1}{16}$		
Width (mm): 180		
Width (in): $7\frac{1}{16}$		
Height (mm): 180		
Height (in): 7 <sup>1</sup> / <sub>16</sub>		
Ceiling Thickness (mm): 10 / 12 / 15 / 25		
Ceiling Thickness (in): 3/8 or 1/2 or 9/16 or 1		
Min. Recessing Depth (mm): 200		
Min. Recessing Depth (in): 7 1/8		
Light Distribution: Adjustable / Downlight		
Weight (kg): 2.114		
Weight (lbs): 4.65		
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: 185mm / 7 5/16" x 185mm / 7 5/16"		MY VKHTA.



#### LED Number of LEDs: 1

Color Temperature (°K): 2700 / 3000 / 3500 / 4000
Max. Delivered Lumen (lm): 1440 / 1490 / 1568 / 1600
CRI: >90 CRI
Lamp Life (hrs): 50000
Upon Request: Special Color Temperature RGB-W Tunable White Special LED
OPTICAL

Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only)

#### Reflector°: 8

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

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Certified By: Certified for North American Standards Available for Metrications by adding "N" at the end of the existing Model #. For assistance on 'custom' specifications, contact zteam@zaneen.com.

IIParatising nl R44/rt 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

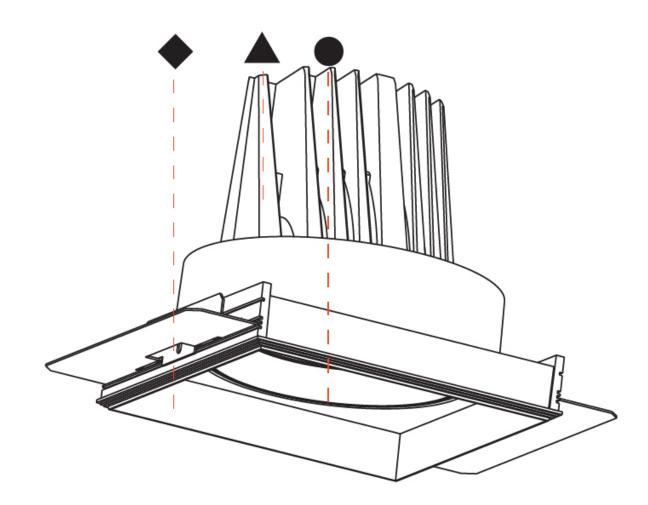
Page 1/6

PROJECT

PROJECT		
ТҮРЕ		
SPECIFIER		
QUANTITY		
DATE		

#### **MECHANIQ SQUARE COMFORT SINGLE TRIMLESS**

A35019-



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Д

**MECHANIQ SQUARE COMFORT SINGLE TRIMLESS** 

ТҮРЕ		
SPECIFIER		
QUANTITY		
DATE		

A25022							DATE
A35022- base number LED	Color	- Finishes	- Finishes	Finishes	Ceiling	Reflector	-
Dimming	Temperature	(Diamond)	(Triangle)	(Circle)	Thickness	Options	
1.To build a product co		urator selec	t the specify	button on			
the base model # produ 2. To build a manual pr	oduct code on t						
options listed below in	blue font and a	dd the suffix	to the base	model #			
GENERAL	a Comfort						
Series: Mechaniq Squa Subseries: Mechaniq So		Single					
Brand: Prolicht		Single					
Division: Architectural							
Mounting Type: Trimle	SS						it -
Mounting Location: Ce							
Subcategory: Downligh							
PHYSICAL							
Shape: Square							
Length (mm): 166							
Length (in): $6\%_{16}$							
Width (mm): 166							
Width (in): 6 %							
Height (mm): 180							
Height (in): $7\frac{1}{16}$							
Ceiling Thickness (mm)	· 10 / 12 5 / 15	/ 25					
Ceiling Thickness (in): 3							
Min. Recessing Depth (							
Min. Recessing Depth (							
Light Distribution: Adju		ight					
Weight (kg): 2.117	stable, some						
Weight (lbs): 4.66							
Fixture Finish: SSR / BK LOD / PUS / FRO / FUP COM / ABZ / JAG / OBR	KIA / POP / BL						
Fixture Material: Alumi	num Die Cast						
Cut-out Measurements	: 185mm / 7 5/3	16" x 185mn	n / 7 5/16"				M M M
Upon Request: Unique	Ceiling Thickn	ess					
ELECTRICAL	Chan dand)						
Lamp Type: LED (Zhaga							
Input Wattage (W): 46.2							
Total Output Wattage ( Dimming: Tri-Mode (No		d Phase Dir	aming (120)	(ac only)			
and 0-10V Dimming)	ווווווושיייים מווווווושייייי	a i nase Dill	g (120)				
Driver Included: No							
Driver Location: Recess							
Driver Type: Constant (	urrent - Unive	rsal					
Driver Class: Class 2							
Housing: See compone							
Input Voltage (V): 120 - Constant Current (MA):							
	1000						
LED							$   \begin{array}{r}                                     $
Number of LEDs: 1	. 2700 / 2000 /	2500 / 4000					180 18° cmm 0 1
Color Temperature (°K)			120				180mm 7 1/16" 166mm 7 1/16"
Max. Delivered Lumen	(111): 4030 / 413	00 / 4332 / 42	+20				254mm 10" 180mm
CRI: >90 CRI Lamp Life (hrs): 50000							10" (C
Upon Request: Special Special LED	Color Tempera	ature RGB-W	/ Tunable W	hite			
OPTICAL							185mm x 185mm 200mm 10   12 ½   15   25mm 30° 355° ↑
Reflector°: 12 / 24 / 40							7 <sup>5</sup> /16" x 7 <sup>5</sup> /16" 7 <sup>7</sup> /8" <sup>3</sup> /8" <sup>1</sup> /2" <sup>9</sup> /6" 1"
Adjustability: Rotation						$\wedge$	
Upon Request: Special	Beam Angles					F	

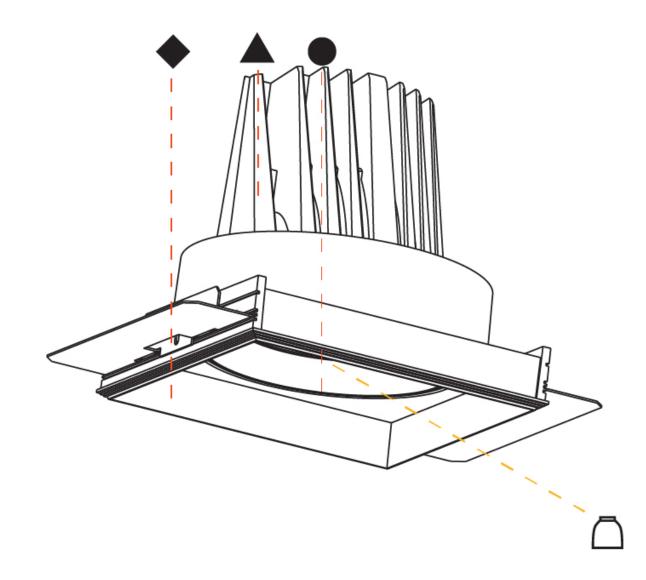
RATINGS AND CERTIFICATIONS
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1**80mm** 7 ¼6″

MECHANIQ SQUARE COMFORT SINGLE TRIMLESS	
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A35022-

PROJECT		
ТҮРЕ		
SPECIFIER		
QUANTITY		
DATE		



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А

### **MECHANIQ SQUARE COMFORT**

**COLOR FINISH CHART** 

**Fixture Finish** 

PROJECT

PROJECT		
TYPE		
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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September 22, 2024, 4:10 am



LEGEND

### **MECHANIQ SQUARE COMFORT**

PROJECT

TYPE SPECIFIER

QUANTITY

DATE

<u>↓</u>	floor-mounted	¥	pivotable	*	special LED (upon request) RGB, RGBW, tunable, gold+, meat+, art+, fashion+
7	wall and ceiling: recessed and surface mounted	3	rotating	0	warm dim / natural dimming LED
Î	ceiling-mounted and wall-mounted	¢	illuminate tilted	Ø	rechargeable battery powered
$\rightarrow$	wall-mounted	T	color of suspension cable		fixture with natural vivid LED (upon request)
Y	omni-directional light distribution	↓	length of suspension cable	CRI	color rendering index
À	direct light distribution	$\Box$	reflector degree selection	<b>°K</b>	color temperature
	direct/indirect light distribution	s s	super spot	LM	lumen (luminous flux)
Y	indirect light distribution	Ĩ	lens		efficacy (lumens per watt)
	asymmetric light distribution	8	lens pack	UGR	Unified Glare Rating (UGR) range from 5-40
Ä	aura light distribution	0	shine ring	318	marine grade (AISI 316 stainless steel)
R	round wall or ceiling cut-out	$\odot$	integrated shine ring with diffuser	٢	walk on
5	square wall or ceiling cut-out	Ó	free individual colors 01-29	۲	drive on
d d	the supplied jig specifies the cutout dimensions	Ċ	individual colors: 00 (free of charge), 01-25 (extra charge)	<b>O</b> SC	Dark Sky Compliance
(+*)	minimum distance (meters) lamp - object	۲	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
<b>↓</b>	ceiling thickness in mm		luminaire part to be colored (F3)		blown glass using traditional methods by master glass blower
	ceiling thickness selection		luminaire part to be colored (F4)	(ه)	acoustic material
	dimmable DP (phase), DV (0-10V), DD (dali), DS (step-dim)		luminaire part to be colored (F5)		protection class I, protection insulation
<b>4</b>	included or excluded LED driver/transformer/ control gear		color of 3-circuit adaptor		protection class II, protection insulation
r	separately switchable	$\odot$	indirect diffuser		ETL Certified to UL and CSA Standards
<b>シ</b>	sensor	D	direct diffuser	c (U) us	UL Certified to UL and CSA Standards
Ĩ	remote control	$\boldsymbol{\Theta}$	ball-proof (upon request)	<b>S</b> .	CSA Certified to UL and CSA Standards
2	available upon request	U	accessory	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
1233	protected against sprays of water up to 60 degrees from the vertical (rain)
IP40	protected against ingress of solid bodies greater than 1mm (wire)
140	no protection against the ingress of moisture
IP43	protected against ingress of solid bodies greater than 1mm (wire)
1243	protected against sprays of water up to 60 degrees from the vertical (rain)
1P44	protected against ingress of solid bodies greater than 1mm (wire)
1944	protected against water splashed from all directions
IP54	protected against limited ingress of dust (wet rooms/covered outdoor areas)
1934	protected against water splashed from all directions
1965	protected against ingress of dust
1000	protected against jets of water
1966	protected against ingress of dust
100	protected against powerful jets of water or heavy seas
1967	protected against ingress of dust
	protected against immersion of water between 15cm - 1m for 30 minutes
1040	protected against ingress of dust
1-08	protected against immersion of water under pressure for long periods
1968	protected against ingress of dust

#### **IK RATING**

КО1	protected against 0.14 joules impact (equivalent to 0.25kg mass dropped from 56mm above the surface)
IK02	protected against 0.2 joules impact (equivalent to 0.25kg mass dropped from 80mm above the surface)
КОЗ	protected against 0.35 joules impact (equivalent to 0.25kg mass dropped from 140mm above the surface)
IK04	protected against 0.5 joules impact (equivalent to 0.25kg mass dropped from 200mm above the surface)
КО5	protected against 0.7 joules impact (equivalent to 0.25kg mass dropped from 280mm above the surface)
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)

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