ZANEEN_®

MECHANIQ ROUND COMFORT TRIMLESS

A35001-

base number	Color	Finishes	Finishes	Finishes	Ceiling
	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

GENERAL	
Series: Mechaniq Squ	are Comfort
Subseries: Mechaniq	Round Comfort
Brand: Prolicht	
Division: Architectura	l
Mounting Type: Triml	ess
Mounting Location: C	eiling
Subcategory: Downlig	ght
PHYSICAL	
Shape: Round	
Diameter (mm): 131	
Diameter (in): 5 ³ / ₁₆	
Length (in): 6 ³ / ₄	
Height (mm): 127	
Height (in): 5	
Ceiling Thickness (mr	n): 10 / 12 / 15 / 25
	: 3/8 or 1/2 or 9/16 or 1
Min. Recessing Depth	
Min. Recessing Depth	
Light Distribution: Ad	
Weight (kg): .92	
Weight (lbs): 2.02	
	KV / CWI / CRY / HAB / LAG / UFT / ITA / RUA / RUR /
	/ LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG /
	IC / COM / ABZ / JAG / OBR / MOS / ROR
Fixture Material: Alun	
Cut-out Measuremen	
Upon Request: Uniqu	e Ceiling Thickness
ELECTRICAL	
Lamp Type: LED (Zha	ga Standard)
Input Wattage (W): 13	.2 (2700K) / 16.5
	e (W): 12.1 (2700K) / 14.7
Dimming: Tri-Mode (N and 0-10V Dimming)	Ion-Dimming and Phase Dimming (120Vac only)
Driver Included: No	
Driver Location: Rece	ssed Housing
Driver Type: Constant	Current - Universal
Driver Class: Class 2	
Housing: See compor	ients
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): 830 / 930 / 1009 / 1030
CRI: >90 CRI
Lamp Life (hrs): 50000
Upon Request: Special Color Temperature RGB-W Tunable White Special LED
OPTICAL
Reflectorº: 8
Adjustability: Rotational 355°; Tilt 30°
Upon Request: Special Beam Angles

RATINGS AND CERTIFICATIONS

e (°K): 2700 / 3000 / 3500 / 4000
nen (lm): 830 / 930 / 1009 / 1030
000
cial Color Temperature RGB-W Tunable White
tional 355°; Tilt 30°
cial Beam Angles

RATINGS AND CERTIFICATIONS	A
Certified By: Certified for North American Standards Zaneen Group Inc. © 2024, T 1800-388-3382, F 416-247-9319, www.zaneen.com	
IP rating: IP44 Available for International specifications by adding 'INT' at the end of the existing Model #. For assistance on 'cu:	stom' 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

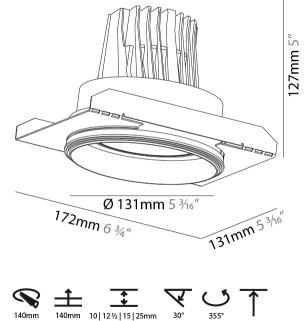
5 1/2"

5 1/2"

3/8″ 1/2 %16

DATE			
QUANTITY			
SPECIFIER			
TYPE			
PROJECT			

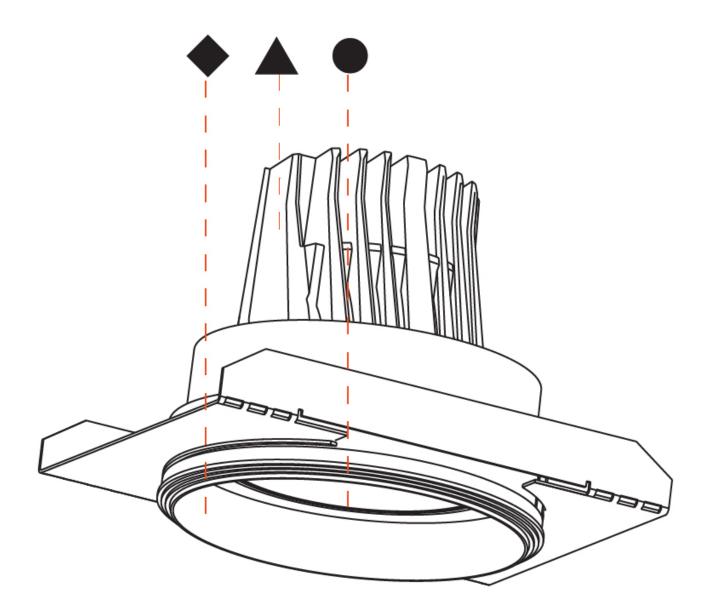




MECHANIQ ROUND COMFORT TRIMLESS

A35001-

PROJECT			
TYPE			
SPECIFIER			
QUANTITY			
DATE			



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ZANEEN_®

MECHANIQ SQUARE COMFORT SINGLE TRIMLESS

Finishes

Finishes

Ceiling Thickness

Finishes

PROJECT			
TYPE			
SPECIFIER			
QUANTITY			
DATE			

	Dimining	remperature	(Diamonu)	(Thangle)	(Circle)
1.To build a p	product code i	in our configui	rator select i	the specify bu	itton on

Color

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

A35013base number LED

JENEI01E	
Series: Mechaniq Square Comfort	
Subseries: Mechaniq Square Comfort Single	
Brand: Prolicht	
Division: Architectural	
Mounting Type: Trimless	
Mounting Location: Ceiling	
Subcategory: Downlight	
PHYSICAL	
Shape: Square	
Diameter (mm): 99	
Diameter (in): 3 ⁷ / ₈	
Length (mm): 130	
Length (in): $5\frac{3}{16}$	
Width (mm): 130	
Width (ini): $5\frac{3}{6}$	
Height (mm): 129	
Height (in): 129	
Ceiling Thickness (mm): 10 / 12 / 15 / 25	
Ceiling Thickness (in): 3/8 or 1/2 or 9/16 or 1	
Min. Recessing Depth (mm): 140	
Min. Recessing Depth (in): 5 ½	
Light Distribution: Adjustable / Downlight	
Weight (kg): 0.895	
Weight (lbs): 1.97	
Fixture Finish: SSR / BKV / CWI / CRY / HAB / LAG / UFT / ITA / RUA / RU	
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: 135mm / 5 5/16" x 135mm / 5 5/16"	
Upon Request: Unique Ceiling Thickness	
ELECTRICAL	
Lamp Type: LED (Zhaga Standard)	
Input Wattage (W): 13.2 (2700K) / 16.5	
Total Output Wattage (W): 12.1 (2700K) / 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	

Number of LEDs: 1	
Color Temperature (°K): 2700 / 3000 / 3500 / 4000	
Max. Delivered Lumen (lm): 830 / 930 / 1009 / 1030	
CRI: >90 CRI	
Lamp Life (hrs): 50000	
Upon Request: Special Color Temperature RGB-W Tunable White Special LED	
OPTICAL	

Reflector°: 8

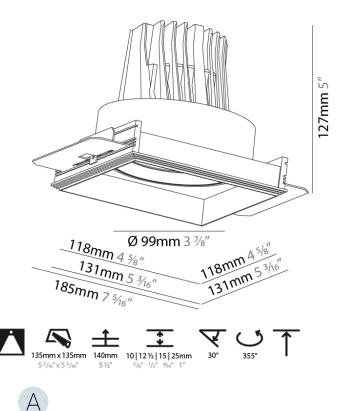
Adjustability: Rotational 355°; Tilt 30°

Upon Request: Special Beam Angles

RATINGS AND CE RITH ICISDIONS 3382, F 416-247-9319, www.zaneen.com

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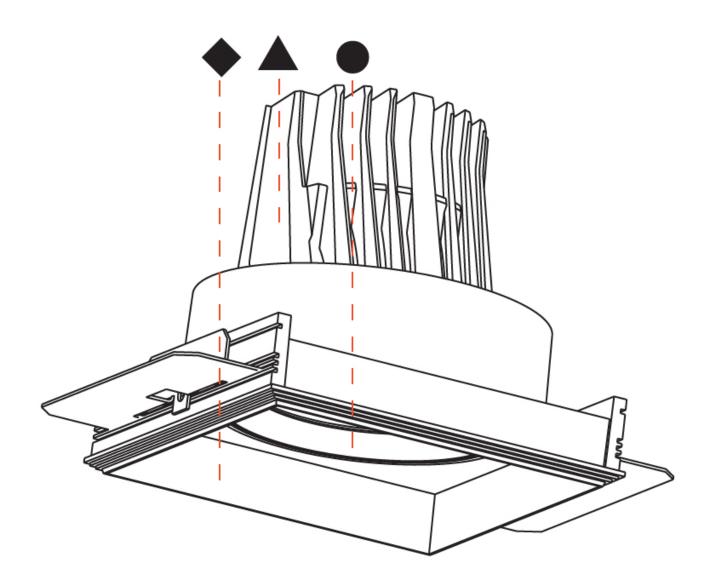




MECHANIQ SQUARE COMFORT SINGLE TRIMLESS

PROJECT		
ТҮРЕ		
SPECIFIER		
QUANTITY		
DATE		

A35013-



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MECHANIO COUADE COMEODT SINCI E TDIMIESS

MECHANIQ SQUARE COMFORT SINGLE	TRIM	LESS	QUANTITY
			DATE
A35016	-	-	
base number LED Color Finishes Finishes Finishes Finishes Dimming Temperature (Diamond) (Triangle) (Circle)	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: Mechanig Square Comfort			
Subseries: Mechaniq Square Comfort Single			
Brand: Prolicht			
Division: Architectural			
Mounting Type: Trimless			
Mounting Location: Ceiling			
Subcategory: Downlight			
PHYSICAL			
Shape: Square			
Length (mm): 131			
Length (in): 5 ³ / ₁₆			
Width (mm): 131			
Width (in): 5 ³ / ₁₆			
Height (mm): 127			
Height (in): 5			
Ceiling Thickness (mm): 10 / 12 / 15 / 25			
Ceiling Thickness (in): 3/8 or 1/2 or 9/16 or 1			
Min. Recessing Depth (mm): 140			
Min. Recessing Depth (in): $5\frac{1}{2}$			
Light Distribution: Adjustable / Downlight			
Weight (kg): .895			
Weight (lbs): 1.97 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: 135mm / 5 5/16" x 135mm / 5 5/16" Upon Request: Unique Ceiling Thickness			
<u> </u>			
Lamp Type: LED (Zhaga Standard)			
Input Wattage (W): 28.6 Total Output Wattage (W): 26.4			
Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only)			
and 0-10V Dimming)			127mm
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): 700			
LED			
Number of LEDs: 1			12 1 5/8" 2 200 4 3/8
Color Temperature (°K): 2700 / 3000 / 3500 / 4000 Max. Delivered Lumen (lm): 2210 / 2270 / 2391 / 2440			
CRI: >90 CRI			185mm - 13 ³ /16" 131min
Lamp Life (hrs): 50000			185mm 7 5/16" 131mm 3
Upon Request: Special Color Temperature RGB-W Tunable White Special LED		-	
OPTICAL			$-\infty \pm - \times \bigcirc \parallel$
Reflector ^o : 18 / 26 / 40			135mm x 135mm 140mm 10 12 ½ 15 25mm 30° 355° 5 5 /₁6″ x 5 5 /₂″ 5 ½″ 3/₀″ 1/₂″ %₁6″ 1″
Adjustability: Rotational 355°; Tilt 30°		٨	
Upon Request: Special Beam Angles		А	

RATINGS AND CERTIFICATIONS

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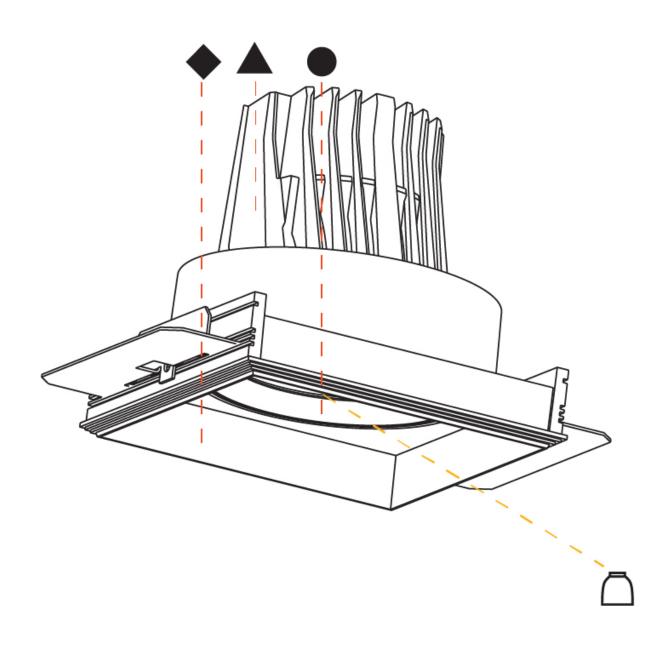


SPECIFIER

MECHANIQ SQUARE COMFORT SINGLE TRIMLESS

TYPE		
SPECIFIER		
QUANTITY		

A35016-



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MECHANIQ SQUARE COMFORT

COLOR FINISH CHART

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)	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 supersonal individual effect and no luminaire being identical.

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LEGEND

MECHANIQ SQUARE COMFORT

PROJECT

TYPE SPECIFIER

QUANTITY

DATE

↓	floor-mounted	¥	pivotable	*	special LED (upon request) RGB, RGBW, tunable, gold+, meat+, art+, fashion+
7	wall and ceiling: recessed and surface mounted	C	rotating	0	warm dim / natural dimming LED
Î	ceiling-mounted and wall-mounted	Æ	illuminate tilted	0	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
	direct light distribution	Δ	reflector degree selection	°K	color temperature
	direct/indirect light distribution	s s	super spot	LM	lumen (luminous flux)
	indirect light distribution	*	lens		efficacy (lumens per watt)
	asymmetric light distribution	Ð	lens pack	UGR	Unified Glare Rating (UGR) range from 5-40
	aura light distribution	0	shine ring		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	Ū.	free individual colors 01-29		drive on
d d	the supplied jig specifies the cutout dimensions	Ĩ	individual colors: 00 (free of charge), 01-25 (extra charge)	DSC	Dark Sky Compliance
(++) M	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
\$	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 l, protection insulation
6	included or excluded LED driver/transformer/ control gear		color of 3-circuit adaptor		protection class II, protection insulation
প	separately switchable	\odot	indirect diffuser		ETL Certified to UL and CSA Standards
!	sensor	D	direct diffuser	c(H) us	UL Certified to UL and CSA Standards
	remote control	\odot	ball-proof (upon request)	(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
IP68	protected against ingress of dust
1-08	protected against immersion of water under pressure for long periods
1968	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)
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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