ZANEEN_®

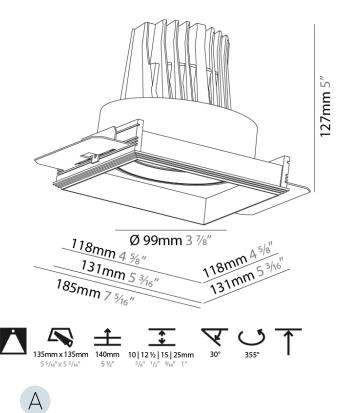
A35013-

MECHANIQ SQUARE COMFORT SINGLE TRIMLESS

base number LED Color Finishes Finishes Ceiling

base number	LED Dimming	Color Temperature	Finishes (Diamond)	Finishes (Triangle)	Finishes (Circle)	Ceiling Thickness
1		in our configu	rator select	the specify bu	utton on	
the base mod		page luct code on th	uis datashoot	choose from	the	
		ie font and ad				
GENERAL						
Series: Mecha	ania Sauare	Comfort				
		are Comfort S	ingle			
Brand: Prolic			ingle			
Division: Arch						
Mounting Typ	oe: Trimless					
Mounting Loo	cation: Ceilir	ıg				
Subcategory:	: Downlight					
PHYSICAL						
Shape: Squar	re					
Diameter (mr						
Diameter (in)	: 3 1/8					
Length (mm)	: 130					
Length (in): 5	2					
Width (mm):						
Width (in): 5						
Height (mm):	: 129					
Height (in): 5						
Ceiling Thick	ness (mm): I	10 / 12 / 15 / 25	5			
Ceiling Thick	ness (in): 3/8	3 or 1/2 or 9/16	5 or 1			
Min. Recessir	ng Depth (mi	n): 140				
Min. Recessir	ng Depth (in)	: 5 ½				
Light Distribu	ution: Adjust	able / Downlig	ght			
Weight (kg): (
Weight (lbs):						
	RO / FUP / K	/ CWI / CRY / H (IA / POP / BLS MOS / ROR				
Fixture Mater	rial: Aluminu	m Die Cast				
Cut-out Meas	urements: 1	.35mm / 5 5/10	6" x 135mm	/ 5 5/16"		
Upon Reques	st: Unique Ce	eiling Thickne	SS			
ELECTRICAL						
Lamp Type: L	.ED (Zhaga S	itandard)				
Input Wattag	e (W): 13.2 (2	2700K) / 16.5				
Total Output	Wattage (W): 12.1 (2700K)	/ 14.7			
		Dimming and	Phase Dimr	ning (120Vac	: only)	
and 0-10V Dir						
Driver Includ						
Driver Location		<u> </u>				
		rrent - Univers	al			
Driver Class: Housing: See						
Input Voltage						
Constant Cur						
	Terre (MA). 3.	50				
LED						
Number of LE			E00 / 4000			
		2700 / 3000 / 3 n): 830 / 930 /				
CRI: >90 CRI	.a Lumen (ll	ij. 030 330 .	1000 / 1000			
Lamp Life (hr	s): 50000					
· · · · · · · · · · · · · · · · · · ·		olor Temperat	ure RGB-W 1	unable Whit	e	
OPTICAL Reflector°: 8						
Adjustability:	Rotational	255°• Til+ 20°				
Upon Reques						
			416 247 0210	MANAY 2012	com	
		REPLONS 3382, F NÖFTH ANDEYIC				#. For assistar





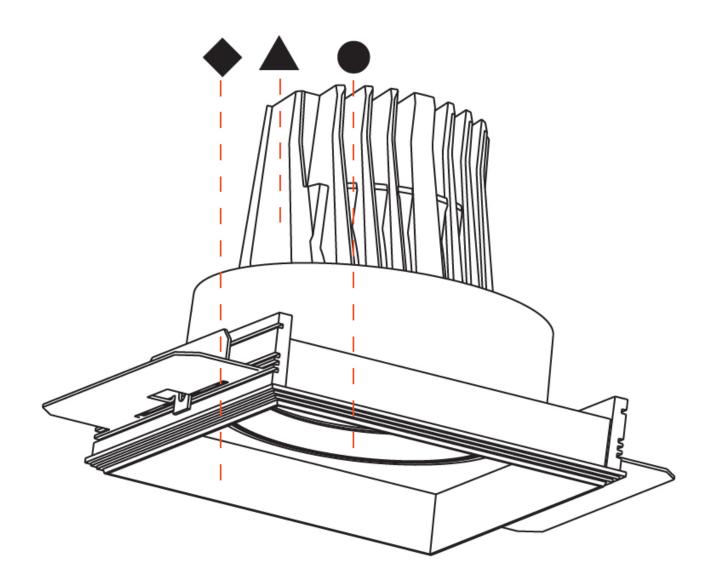
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MECHANIQ SQUARE COMFORT SINGLE TRIMLESS

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SPECIFIER		
QUANTITY		
DATE		

A35013-



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MECHANIO SOUADE COMEODT SINGLE TDIMLESS

MECHANIQ SQUARE COMPORT SINGLI		
A35016		DATE
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: Mechaniq Square Comfort		
Subseries: Mechaniq Square Comfort Single		
Brand: Prolicht		
Division: Architectural		
Mounting Type: Trimless		
Mounting Location: Ceiling		Al
Subcategory: Downlight		
PHYSICAL		
Shape: Square		
Length (mm): 131		
Length (in): 5^{3}_{16}		
Width (mm): 131		
Width (in): $5\frac{3}{16}$		
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 / 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: 135mm / 5 5/16" x 135mm / 5 5/16"		TANK
Upon Request: Unique Ceiling Thickness		
ELECTRICAL		
Lamp Type: LED (Zhaga Standard)		
Input Wattage (W): 28.6		
Total Output Wattage (W): 26.4		127mm
Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only)		3
and 0-10V Dimming)		51
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		0.000 gmm 3.7%''
Number of LEDs: 1		$\frac{118 \text{mm} 458^{\prime\prime\prime}}{131 \text{m} 458^{\prime\prime\prime}} \rightarrow 1800^{\circ} \text{m} 458^{\circ} \text{m} 131 \text{m} 1800^{\circ} \text{m} 518^{\circ} \text{m} 131 \text{m} 1800^{\circ} $
Color Temperature (°K): 2700 / 3000 / 3500 / 4000		
Max. Delivered Lumen (lm): 2210 / 2270 / 2391 / 2440		185m 13 3/16" 131mm
CRI:>90 CRI		185mm 7 5/16" 131mm 3
Lamp Life (hrs): 50000		
Upon Request: Special Color Temperature RGB-W Tunable White Special LED		
-		$\square \land \bot \pm \pm \nabla \land \top$
OPTICAL		135mm x 135mm 140mm 10 12 ½ 15 25mm 30° 355°
Reflector ^o : 18 / 26 / 40		5 5/16" x 5 5/16" 5 1/2" 3/6" 1/2" 9/16" 1"
Adjustability: Rotational 355°; Tilt 30°		A
Upon Request: Special Beam Angles		

RATINGS AND CERTIFICATIONS

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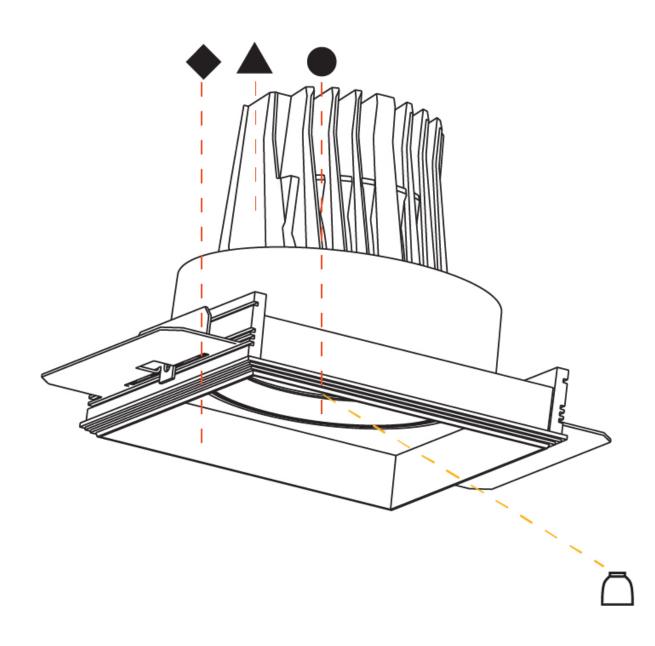
PROJECT

TYPE SPECIFIER QUANTITY

TYPE		
SPECIFIER		
QUANTITY		
 DATE		

MECHANIQ SQUARE COMFORT SINGLE TRIMLESS

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)	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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LEGEND

MECHANIQ SQUARE COMFORT

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} 1 CRI omni-directional light distribution length of suspension cable color rendering index Λ 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 Ö 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

protected against immersion of water under pressure for long period

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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