A35025	DATE
	- Colling
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 Double 3rand: Prolicht	
Division: Architectural	
Mounting Type: Trimless	
Mounting Location: Ceiling	
Subcategory: Downlight	
PHYSICAL	
Shape: Rectangle	
ength (mm): 235	
Length (in): 9 ¼	
Nidth (mm): 131	
Nidth (in): $5\frac{3}{16}$	
Height (mm): 127	
Height (in): 5	
Ceiling Thickness (mm): 10 / 12.5 / 15 / 25	
Ceiling Thickness (in): 3/8 or 1/2 or 9/16 or 1 Vin. Recessing Depth (mm): 140	
Min. Recessing Depth (min): 140 Min. Recessing Depth (in): $5\frac{1}{2}$	
Light Distribution: Adjustable / Downlight	
Neight (kg): 1.637	
Neight (lbs): 3.60	
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: 252mm / 9 15/16" x 135mm / 5 5/16"	
Jpon Request: Unique Ceiling Thickness	
ELECTRICAL	MANNA .
.amp Type: LED (Zhaga Standard)	r II. I II. II. II. II. II. II. II. II.
nput Wattage (W): 26.4 / 33	TTAPATAR
Fotal Output Wattage (W): 24.2 / 29.5	//   \/   K  \/
Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only)	
and 0-10V Dimming) Driver Included: No	
Driver Included: NO	Ē
Driver Type: Constant Current - Universal	127mm
Driver Class: Class 2	
Housing: See components	
nput Voltage (V): 120 - 277	
Constant Current (MA): 350	$\frac{235 \text{mm 9 } 14''}{248}  \overline{\emptyset} \text{ 99 mm 3 } 78'' \text{ and } 4^{5/8''}$
ED	$\frac{235 \text{mm 9 } \frac{1}{4''}}{248 \text{mm 9 } \frac{3}{4''}} = \frac{118 \text{mm 4}}{118 \text{mm 5}} \frac{3}{16''}$
Number of LEDs: 2	$\frac{248mm 9 \frac{3}{4''}}{302m} = \frac{118mm}{3} \frac{5}{6''}$
Color Temperature (°K): 2700 / 3000 / 3500 / 4000	$302mm \frac{11934}{178''}$
Max. Delivered Lumen (lm): 1670 / 1860 / 2009 / 2050	131min
CRI: >90 CRI	
amp Life (hrs): 50000	
Jpon Request: Special Color Temperature RGB-W Tunable White Special LED	
OPTICAL	$\square \twoheadrightarrow \pm \checkmark \lor \bigcirc \uparrow$
	252mm x 135mm 140mm 10   12 ½   15   25mm 30° 355°
Reflector <sup>°</sup> : 8	252mm x 135mm 140mm 10   12 ½   15   25mm 30° 355° 9 <sup>15</sup> / <sub>16</sub> " x 5 <sup>5</sup> / <sub>16</sub> " 5 ½" 3/ <sub>6</sub> " 1/ <sub>2</sub> " <sup>5</sup> / <sub>16</sub> " 1"

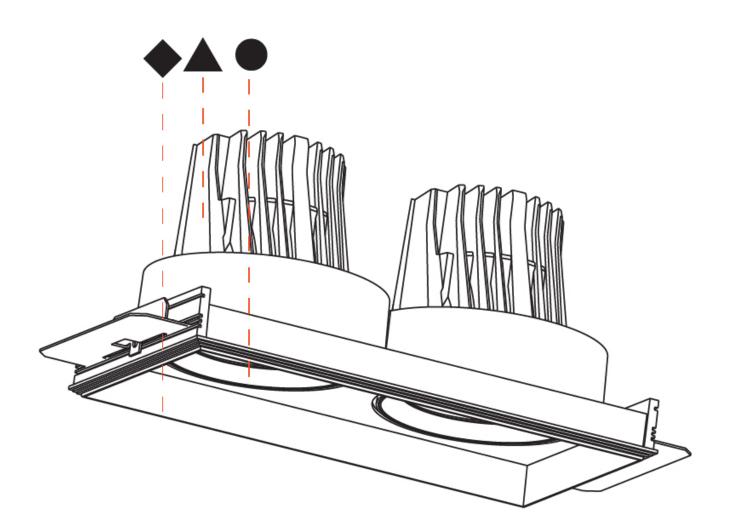
RATINGS AND CERTIFICATIONS Zaneen Group Inc. © 2024, T 1800-388-3382, F 416-247-9319, www.zaneen.com Certified By: Certified for North American Standards Available for International specifications by adding "INT" at the end of the existing Model #. For assistance on 'custom' specifications, contact zteam@zaneen.com. INT additional specifications by adding "INT" at the end of the existing Model #. For assistance on 'custom' specifications, contact zteam@zaneen.com. INT additional specifications by adding "INT" at the end of the existing Model #. For assistance on 'custom' specifications, contact zteam@zaneen.com.

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PROJECT			
ТҮРЕ			_
SPECIFIER			_
QUANTITY			_
DATE			

### **MECHANIQ SQUARE COMFORT DOUBLE TRIMLESS**

A35025-



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## **ZANEEN**<sub>®</sub>

**MECHANIQ SQUARE COMFORT DOUBLE TRIMLESS** 

#### PROJECT TYPE SPECIFIER QUANTITY DATE

	_	-					
A35028	-		-	-	-	-	-
base number	LED Dimming	Color Temperature	Finishes (Diamond)	Finishes (Triangle)	Finishes (Circle)	Ceiling Thickness	Reflector Options
1.To build a p	oroduct code	e in our configu	rator select	the specify b	outton on		
the base mod				, ,			
		duct code on th					
options listed	l below in bl	ue font and ad	d the suffix i	to the base n	nodel #		
GENERAL							
Series: Mecha	aniq Square	Comfort					
Subseries: Me	echaniq Squ	are Comfort D	ouble				
Brand: Prolic	ht						
Division: Arch	nitectural						
Mounting Typ	oe: Trimless						
Mounting Loo	cation: Ceili	ng					
Subcategory:	Downlight						
PHYSICAL							
Shape: Recta	nglo						
Diameter (mr							
Diameter (in)	7						
Length (mm)							
Length (in): 9	40						
Width (mm):							
Width (in): 5							
Height (mm):	127						
Height (in): 5		10/10 5/15/	25				
		10 / 12.5 / 15 /					
		8 or 1/2 or 9/16	ori				
Min. Recessir	-						
Min. Recessir							
Light Distribu		light					
Weight (kg): 1							
Weight (lbs):							
	RO / FUP / I	/ CWI / CRY / H KIA / POP / BLS MOS / ROR					
Fixture Mater							
		252mm / 9 15/1	L6" - 135mn	n / 5 5/16"			
		eiling Thicknes		,, -			
ELECTRICAL	FD /71	St					
Lamp Type: L		standard)					
Input Wattag		0 52 0					
Total Output			Dia a Dia				
and 0-10V Dir		-Dimming and	Phase Dim	ming (120Va	ic only)		_
Driver Includ							
Driver Locatio		d Housing					4
		Irrent - Univers	al				
Driver Class:		unche onnene					
Housing: See		ts					
Input Voltage							
Constant Cur							
LED	(						
	Dc: 2						
Number of LE			E00 / 4000				
		2700 / 3000 / 3		70			
	a Lumen (ll	n): 4430 / 4540	4113/48	10			
CRI: >90 CRI							



Lamp Life (hrs): 50000 Upon Request: Special Color Temperature RGB-W Tunable White Special LED

#### OPTICAL

Reflector°: 18 / 26 / 40

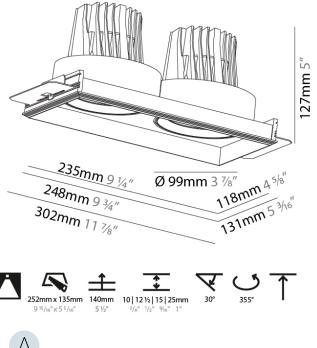
Adjustability: Rotational 355°; Tilt 30°

Upon Request: Special Beam Angles

RATINGS AND: CERPHICAPIONS 3382, F 416-247-9319, www.zaneen.com

Available double complexes in the second sec



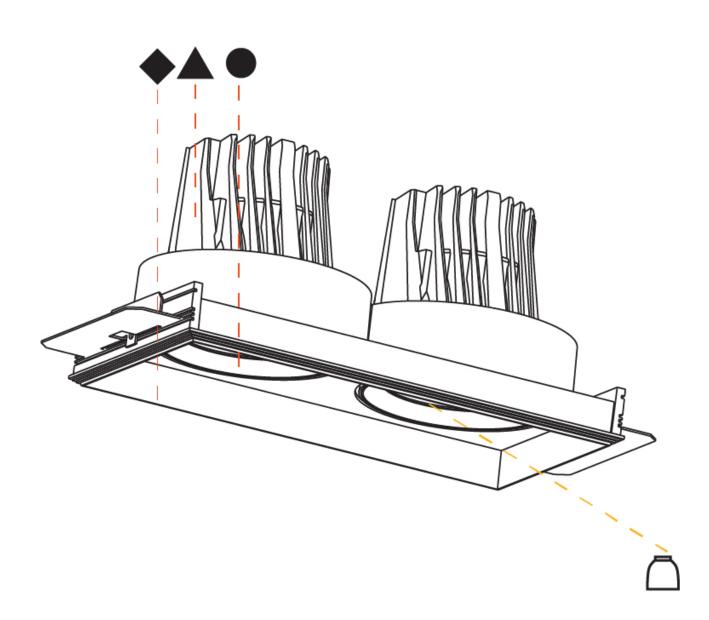


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TYPE		
SPECIFIER		
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### **MECHANIQ SQUARE COMFORT DOUBLE TRIMLESS**

A35028-



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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

<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	Δ	reflector degree selection	<b>°K</b>	color temperature
	direct/indirect light distribution	s s	super spot	LM	lumen (luminous flux)
Y	indirect light distribution	<u>∦</u>	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)	DSC	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
	remote control	$\boldsymbol{\textcircled{O}}$	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 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
IP54	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
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

#### **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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