	E TRIMLESS QUANTITY
A35025	DATE
pase number LED Color Finishes Finishes Finishes	Ceiling
Dimming Temperature (Diamond) (Triangle) (Circle)	Thickness
1 To build a product and in our configurator colort the prosify buttor or	
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	
Brand: Prolicht	
Division: Architectural	
Nounting Type: Trimless	
Mounting Location: Ceiling	
Subcategory: Downlight	
PHYSICAL	
Shape: Rectangle	
_ength (mm): 235	
Length (in): 9 1/4	
Nidth (mm): 131	
Nidth (in): $5\frac{3}{6}$	
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	
Vin. Recessing Depth (in): 5 ½	
ight 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	TTTP//The
amp Type: LED (Zhaga Standard)	/ / LILI / M
nput Wattage (W): 26.4 / 33	
Fotal Output Wattage (W): 24.2 / 29.5	
Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming)	
Driver Included: No	
Driver Location: Recessed Housing	27mm
Driver Type: Constant Current - Universal	27
Driver Class: Class 2	
Housing: See components	
nput Voltage (V): 120 - 277	
Constant Current (MA): 350	225
LED	$\frac{235 \text{mm 9 } 1/4''}{249} \overline{\emptyset} \text{ 99 mm 3 } \overline{7/8''} \text{ m}^{5/8''}$
	248mm a smith
Number of LEDs: 2	$\frac{248mm}{302m}9_{34''} = \frac{118mm}{15}\frac{45}{3}$
Number of LEDs: 2	
Color Temperature (°K): 2700 / 3000 / 3500 / 4000	$m_{11} = 1000$
Color Temperature (°K): 2700 / 3000 / 3500 / 4000 Max. Delivered Lumen (lm): 1670 / 1860 / 2009 / 2050	$\frac{235 \text{mm } 9 \frac{1}{4''}}{248 \text{mm } 9 \frac{3}{4''}} = \frac{118 \text{mm}}{1302 \text{mm}} \frac{5}{8''}}{302 \text{mm}} \frac{11}{17} \frac{1}{8''} = \frac{1}{131 \text{mm}} \frac{5}{10} \frac{1}{10} \frac{1}{10}$
Color Temperature (°K): 2700 / 3000 / 3500 / 4000 Max. Delivered Lumen (lm): 1670 / 1860 / 2009 / 2050 CRI: >90 CRI	131mm
Color Temperature (°K): 2700 / 3000 / 3500 / 4000 Max. Delivered Lumen (lm): 1670 / 1860 / 2009 / 2050 CRI: >90 CRI .amp Life (hrs): 50000	131mm
Color Temperature (°K): 2700 / 3000 / 3500 / 4000 Max. Delivered Lumen (lm): 1670 / 1860 / 2009 / 2050 CRI: >90 CRI	131mm
Color Temperature (°K): 2700 / 3000 / 3500 / 4000 Max. Delivered Lumen (lm): 1670 / 1860 / 2009 / 2050 CRI: >90 CRI Lamp Life (hrs): 50000 Jpon Request: Special Color Temperature RGB-W Tunable White Special LED	$\square \square $
Color Temperature (°K): 2700 / 3000 / 3500 / 4000 Max. Delivered Lumen (lm): 1670 / 1860 / 2009 / 2050 CRI: >90 CRI Lamp Life (hrs): 50000 Jpon Request: Special Color Temperature RGB-W Tunable White Special LED DPTICAL	∑ 252mm x 135mm 140mm 10 12 ½ 15 25mm 30° 355° ↑
Color Temperature (°K): 2700 / 3000 / 3500 / 4000 Max. Delivered Lumen (lm): 1670 / 1860 / 2009 / 2050 CRI: >90 CRI Lamp Life (hrs): 50000 Jpon Request: Special Color Temperature RGB-W Tunable White Special LED	T S ± I V ∪ T

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PROJECT

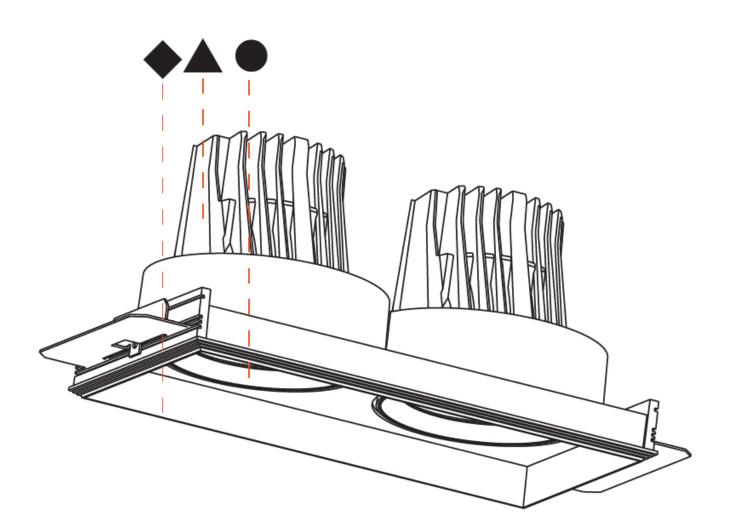
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or content	
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PROJECT

SPECIFIER	
QUANTITY	

MECHANIQ SQUARE COMFORT DOUBLE TRIMLESS

A35025-



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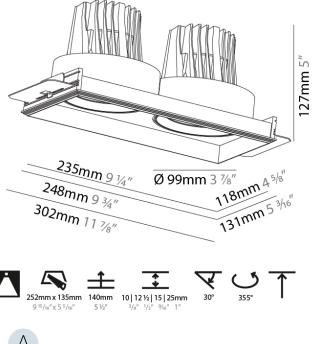


MECHANIQ SQUARE COMFORT DOUBLE TRIMLESS

PROJECT TYPE SPECIFIER QUANTITY DATE

A35028	} -		-	-	-	-	_
base number	LED Dimming	Color Temperature	Finishes (Diamond)	Finishes (Triangle)	Finishes (Circle)	Ceiling Thickness	Reflec Option
the base mo 2. To build a	del # product manual prod	e in our configu t page duct code on th ue font and ad	nis datashee	t choose fror	n the		
GENERAL							
Series: Mech	ania Square	Comfort					
		are Comfort D	ouble				
Brand: Prolie							
Division: Arc							
Mounting Ty	pe: Trimless						
Mounting Lo							
Subcategory	: Downlight						
PHYSICAL							
Shape: Recta	angle						
Diameter (m	-						
Diameter (in): 3 1/8						
Length (mm): 249						
Length (in): 9	40						
Width (mm):							
Width (in): 5	3/16						
Height (mm)							
Height (in): 5							
Ceiling Thick	(ness (mm):	10 / 12.5 / 15 /	25				
Ceiling Thick	ness (in): 3/	8 or 1/2 or 9/16	6 or 1				
Min. Recessi	ng Depth (m	m): 140					
Min. Recessi	ng Depth (in): 5 ½					
Light Distrib	ution: Down	light					
Weight (kg):	1.637						
Weight (lbs):							
		/ CWI / CRY / H KIA / POP / BLS					
COM / ABZ /			57 51 07 ML	1/001/00	M/ CITC/		
Fixture Mate							
Cut-out Mea	surements: 2	252mm / 9 15/3	16" - 135mn	n / 5 5/16"			
Upon Reque	st: Unique C	eiling Thickne	SS				
ELECTRICAL							
Lamp Type:	LED (Zhaga S	Standard)					
Input Wattag							
Total Output	t Wattage (W): 52.8					
and 0-10V Di	mming)	-Dimming and	l Phase Dim	ming (120Va	c only)		
Driver Incluc		1					
Driver Locati			1				
Driver Type: Driver Class:		rrent - Univers	sal				
Housing: See		te					
Input Voltag							
Constant Cu							
LED							
Number of L	FDs: 2						
		2700 / 3000 / 3	500 / 4000				
		n): 4430 / 4540		70			
CRI: >90 CRI							
Lamp Life (h	rs): 50000						
Upon Reque Special LED	st: Special C	olor Temperat	ure RGB-W	Tunable Whi	ite		
OPTICAL							
Reflector [°] : 1	8 / 26 / 40						
Adjustability	Rotational	355°• Tilt 30°					





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

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

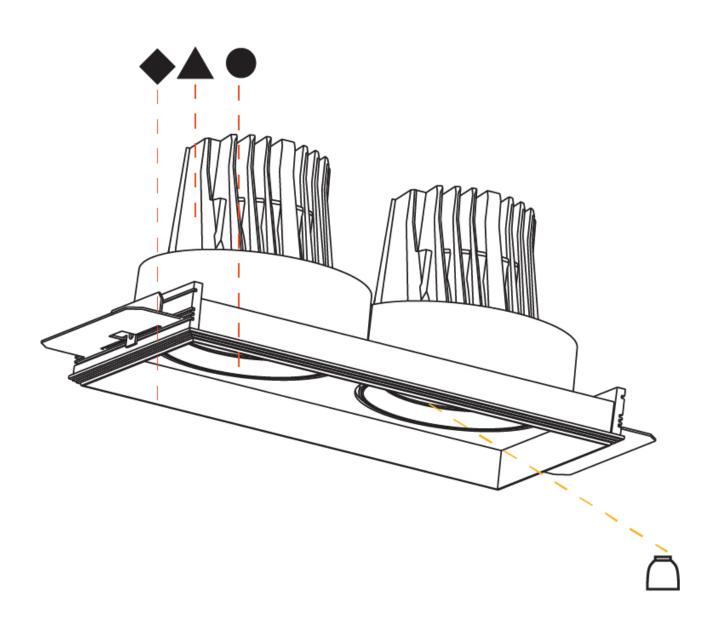
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PROJECT

PROJECT
ТҮРЕ
SPECIFIER
QUANTITY
DATE

MECHANIQ SQUARE COMFORT DOUBLE TRIMLESS

A35028-



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MECHANIQ SQUARE COMFORT DOUBLE TRIMLESS

Ceiling

Thickness

PROJECT			
TYPE			
SPECIFIER			
QUANTITY			
DATE			

A35031-

base number LED Color Finishes Finishes Finishes Dimming Temperature (Diamond) (Triangle) (Circle)

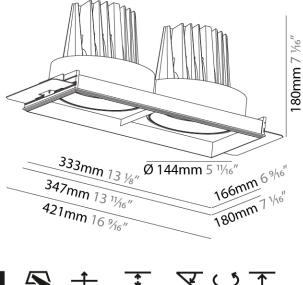
1.To build a product code in our configurator select the specify button on the base model # product page

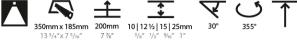
2. To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #

GENERAL

GENERAL
Series: Mechaniq Square Comfort
Subseries: Mechaniq Square Comfort Double
Brand: Prolicht
Division: Architectural
Mounting Type: Trimless
Mounting Location: Ceiling
Subcategory: Downlight
PHYSICAL
Shape: Rectangle
Diameter (mm): 144
Diameter (in): 5 ¹¹ / ₆
Length (mm): 347
Length (in): 13 ¹¹ / ₁₆
Width (mm): 166
Width (in): 6 ³ / ₁₆
Height (mm): 180
Height (in): 7 ¹ / ₁₆
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): 200
Min. Recessing Depth (in): 7 ⁷ / ₈
Light Distribution: Downlight
Weight (kg): 3.944
Weight (lbs): 8.70
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: 350mm / 13 3/4" x 185mm / 7 5/16"
Upon Request: Unique Ceiling Thickness
ELECTRICAL
Lamp Type: LED (Zhaga Standard)
Input Wattage (W): 46.3
Total Output Wattage (W): 42 Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only)
and 0-10V Dimming)
Driver Included: Yes
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: 2
Color Temperature (°K): 2700 / 3000 / 3500 / 4000
Max. Delivered Lumen (lm): 2870 / 2980 / 3136 / 3200







Special LED OPTICAL Reflector^o: 8

CRI: >90 CRI

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

Nominal Lumen (lm): 3330lm

Lamp Life (hrs): 50000

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Upon Request: Special Color Temperature RGB-W Tunable White

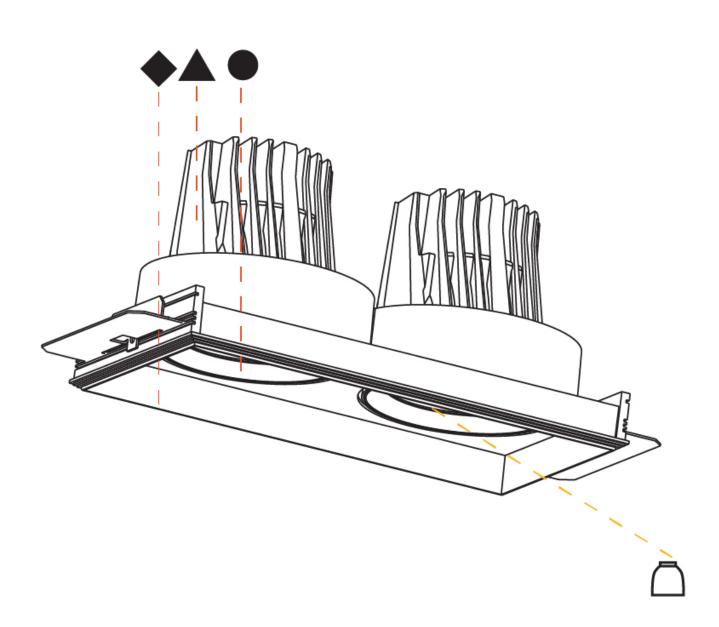
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PROJECT

ТҮРЕ
SPECIFIER
QUANTITY
DATE

MECHANIQ SQUARE COMFORT DOUBLE TRIMLESS

A35031-



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ZANEEN_®

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	\Box	reflector degree selection	°K	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)	O 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
↓	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
4	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
シ	sensor	D	direct diffuser	c (U) us	UL Certified to UL and CSA Standards
Ĩ	remote control	$\boldsymbol{\Theta}$	ball-proof (upon request)	S .	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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