A35025	DATE
	Ceiling
base number LED Color Finishes Finishes Finishes Dimming 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	
Series: Mechaniq Square Comfort	
Subseries: Mechaniq Square Comfort Double	
Brand: Prolicht	
Division: Architectural	
Mounting Type: Trimless Mounting Location: Ceiling	
Subcategory: Downlight	
PHYSICAL	
PHYSICAL Shape: Rectangle	
Length (mm): 235	
Length (in): 2 ¹ / ₄	
Width (mm): 131	
Width (in): 5^{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	
Min. Recessing Depth (mm): 140	
Min. Recessing Depth (in): $5\frac{1}{2}$	
Light Distribution: Adjustable / Downlight	
Weight (kg): 1.637 Weight (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"	
Upon Request: Unique Ceiling Thickness	
ELECTRICAL	TTTTTTTTT
Lamp Type: LED (Zhaga Standard) Input Wattage (W): 26.4 / 33	The second second
Total 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	127mm
Driver Type: Constant Current - Universal	
Driver Class: Class 2	
Housing: See components Input Voltage (V): 120 - 277	
Constant Current (MA): 350	220
LED	$\frac{235 \text{mm 9 }_{1/4''}}{248 \text{mm 9 }_{3/4''}} \xrightarrow{\emptyset} 999 \text{mm 3 }_{78''}}{118 \text{mm 4}} \xrightarrow{5/8''}{302 \text{mm }_{117}} \xrightarrow{78''}{131 \text{mm 5}} \xrightarrow{3/16''}{131 \text{mm 5}}$
LED Number of LEDs: 2	$\frac{248mm9_{34''}}{302m} = \frac{118mm}{3} \frac{1}{3} \frac{1}{3}$
Color Temperature (°K): 2700 / 3000 / 3500 / 4000	302 110' 34'' 110'' 5 3/16"
Max. Delivered Lumen (lm): 1670 / 1860 / 2009 / 2050	$302mm \frac{119}{1178''}$
CRI: >90 CRI	. / %8"
Lamp Life (hrs): 50000	
Upon Request: Special Color Temperature RGB-W Tunable White	
Special LED	
OPTICAL	252mm x 135mm 140mm 10 12 ½ 15 25mm 30° 355°
Reflector°: 8	9 ¹⁵ / ₁₆ "x 5 ⁵ / ₁₆ " 5 ¹ / ₂ " 5 ¹ / ₂ " 3/ ₈ " 1/ ₂ " % ₆ " 1"
Adjustability: Rotational 355°; Tilt 30°	A
Upon Request: Special Beam Angles	

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.

Page 1/8

PROJECT

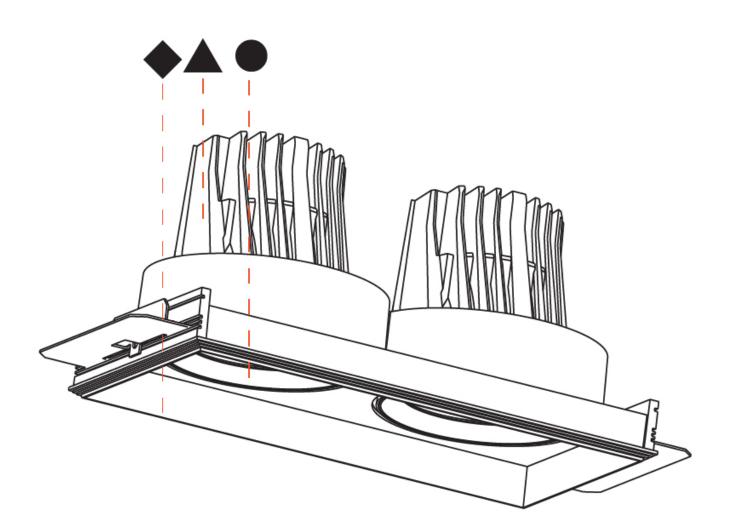
TYPE			
SPECIFIER			
QUANTITY			
DATE			

PROJECT

PROJECT		
TYPE		
SPECIFIER		
QUANTITY		
DATE		

MECHANIQ SQUARE COMFORT DOUBLE TRIMLESS

A35025-



Available for International specifications by adding 'INT' at the end of the existing Model #. For assistance on 'custom' 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

MECHANIQ SQUARE COMFORT DOUBLE TRIMLESS

Finishes

(Triangle)

(Circle)

Ceiling Thickness Reflector

Options

PROJECT TYPE SPECIFIER QUANTITY DATE

base number	LED	Color	Finishes
	Dimming	Temperature	(Diamond)
1 To build a	araduct code	in our configu	urator coloct

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

A35028-

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): 99	
Diameter (in): 3 ½	
Length (mm): 249	
Length (in): 9 ¹³ / ₁₆	
Width (mm): 131	
Width (in): 5 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	
Min. Recessing Depth (mm): 140	
Min. Recessing Depth (in): 5 1/2	
Light Distribution: Downlight	
Weight (kg): 1.637	
Weight (lbs): 3.61	
Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FT LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / GUI COM / ABZ / JAG / OBR / MOS / ROR	
Fixture Material: Aluminum Die Cast	
Cut-out Measurements: 252mm / 9 15/16" - 135mm / 5 5/16"	
Upon Request: Unique Ceiling Thickness	
ELECTRICAL	
Lamp Type: LED (Zhaga Standard)	
Input Wattage (W): 58.3	
Total Output Wattage (W): 52.8	
Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Va and 0-10V Dimming)	c only)
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 Tomporature (%): 2700 / 2000	1

Color Temperature (°K): 2700 / 3000 / 3500 / 4000 Max. Delivered Lumen (lm): 4430 / 4540 / 4773 / 4870

CRI: >90 CRI

Lamp Life (hrs): 50000

Upon Request: Special Color Temperature RGB-W Tunable White Special LED

OPTICAL

Reflector°: 18 / 26 / 40

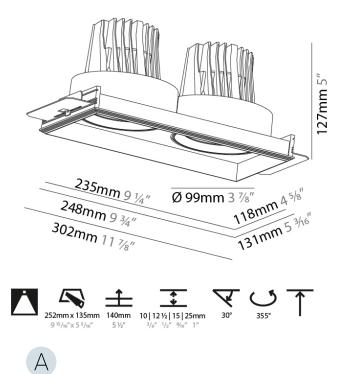
Adjustability: Rotational 355°; Tilt 30°

Upon Request: Special Beam Angles

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

Available double complete a log of the second of the existing Model #. For assistance on 'custom' 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 IP rating: IP44

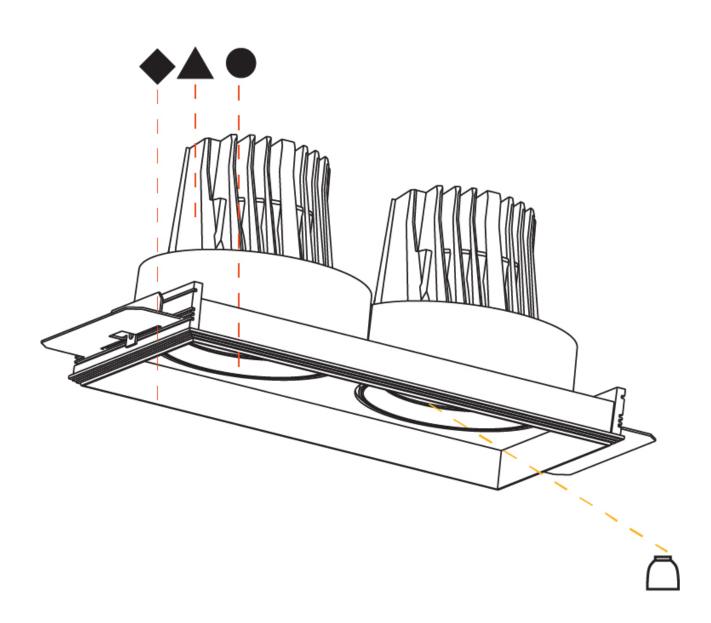




TYPE		
SPECIFIER		
QUANTITY		
DATE		

MECHANIQ SQUARE COMFORT DOUBLE TRIMLESS

A35028-



Available for International specifications by adding 'INT' at the end of the existing Model #. For assistance on 'custom' 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

ZANEEN_®

MECHANIQ SQUARE COMFORT DOUBLE TRIMLESS

Ceiling

Thickness

PROJECT			
TYPE			
SPECIFIER			
QUANTITY			
DATE			

A35031-	
---------	--

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

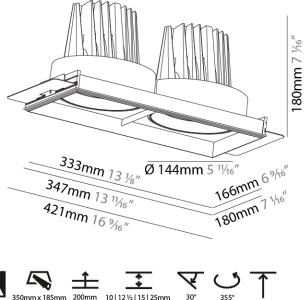
1. To build a product code in our configurator select the specify button on the base model # product page

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 / ₁₆
Length (mm): 347
Length (in): 13 $\frac{1}{16}$
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): 3/8 or 1/2 or 9/16 or 1
Min. Recessing Depth (mm): 200
Min. Recessing Depth (in): 7 ¹ / 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





³⁵⁰mm x 185mm 13³/4" x 7⁵/16" **200mm** 7 %" **10|12** ½ **15|25mm** 3/8" ½ **15|**25mm

Special LED OPTICAL Reflector°: 8

Nominal Lumen (lm): 3330lm

Lamp Life (hrs): 50000

CRI: >90 CRI

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

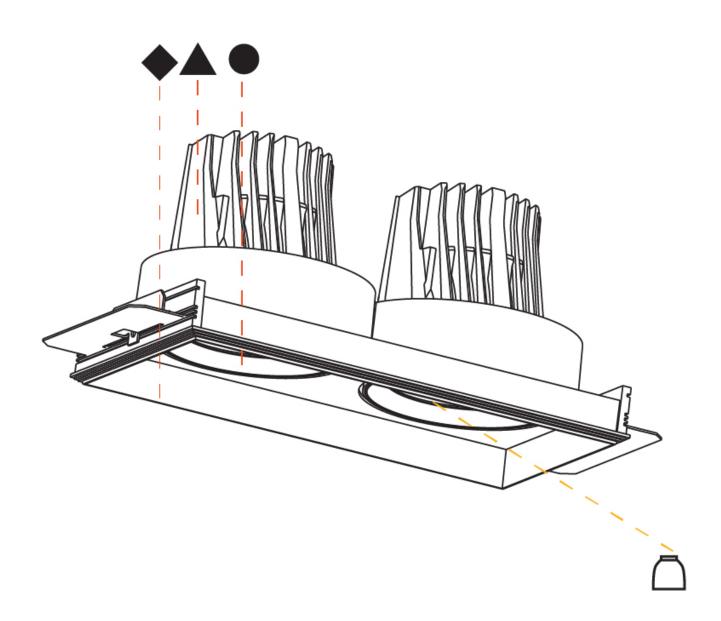
ቸልተ፣ክፍሮንልክሰ-ርድጽተገቱ ር አባባን እዩ-3382, F 416-247-9319, www.zaneen.com

Upon Request: Special Color Temperature RGB-W Tunable White

Available of the entities of the entities of the entities of the existing Model #. For assistance on 'custom' 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 IP rating: IP44

A35031-

PROJECT				
ТҮРЕ				
SPECIFIER	-			
QUANTITY				
DATE				



Available for International specifications by adding 'INT' at the end of the existing Model #. For assistance on 'custom' 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

А

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.

Available for International specifications by adding 'INT' at the end of the existing Model #. For assistance on 'custom' 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

Page 7/8



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	Œ	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)
Y	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	Ó	free individual colors 01-29		drive on
۲ ۲	the supplied jig specifies the cutout dimensions	ľ.	individual colors: 00 (free of charge), 01-25 (extra charge)	D 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
1	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
<u>لي</u>	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	$\boldsymbol{\otimes}$	ball-proof (upon request)	(CSA Certified to UL and CSA Standards
2	available upon request	U	accessory	2	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
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

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)
К10	protected against 20 joules impact (equivalent to 5.0kg mass dropped from 400mm above the surface)

Zaneen Group Inc. © 2024, T 1800-388-3382, F 416-247-9319, www.zaneen.com

Available for International specifications by adding 'INT' at the end of the existing Model #. For assistance on 'custom' 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