MECHANIQ SQUARE COMFORT DOUB	LE TRIMLESS QUANTITY
	DATE
A35025	
base number LED Color Finishes Finishes Finishes (Color Color Colo	Ceiling
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	
Shape: Rectangle	
Length (mm): 235	
Length (in): 2 <sup>1</sup> / <sub>4</sub>	
Width (mm): 131	
Width (ini): $5\frac{3}{6}$	
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	
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 / LAG / UFT / ITA / RUA / RUR / MIC / FTG / MYG / TWT / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / COH / CUM / CUM / CAB / UAB / UAB / UAB / DAG / DOB	
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	
<u> </u>	
ELECTRICAL	MAATA
Lamp Type: LED (Zhaga Standard)	
Input Wattage (W): 26.4 / 33	/ WILLER HALL MATTING
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	5
Driver Class: Class 2	
Housing: See components	
Input Voltage (V): 120 - 277	
Constant Current (MA): 350	
	$\frac{235 \text{mm 9 }_{1/4''}}{248 \text{mm 9 }_{3/4''}} = \frac{118 \text{mm 4}}{118 \text{mm 4}} \frac{5/8''}{5^3/16''}$
LED	$\frac{248mm 9 \frac{3}{4}}{302m} \frac{118mm}{3} \frac{5}{10}$
Number of LEDs: 2	118/11/ - 3/16"
Color Temperature (°K): 2700 / 3000 / 3500 / 4000	$\frac{302mm  9_{3/4''}}{131mm  5_{3/16''}}$
Max. Delivered Lumen (lm): 1670 / 1860 / 2009 / 2050	1311
CRI: >90 CRI	
Lamp Life (hrs): 50000	
Upon Request: Special Color Temperature RGB-W Tunable White	
Special LED	M 🕰 🕂 🛨 🔽 (5 M
OPTICAL	252mm x 135mm 140mm 10   12 ½   15   25mm 30° 355°
Reflector°: 8	$= \frac{915}{16''} \times 55 \frac{12''}{16''} = \frac{3}{2''} \frac{3}{8''} \frac{12'''}{2'''} \frac{3}{8'''} \frac{12'''''}{1'''} \frac{3}{8'''''} 12''''''''''''''''''''''''''''''''''''$
Adjustability: Rotational 355°; Tilt 30°	
Upon Request: Special Beam Angles	A

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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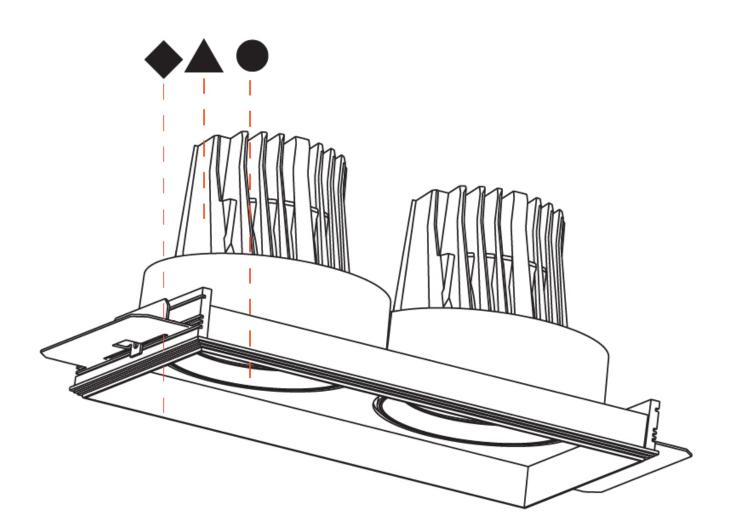
PROJECT

ТҮРЕ	
SPECIFIER	
QUANTITY	
DATE	

PROJECT

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

A35025-



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ECHANIQ SQUARE COMFORT DOUBLE TRIMLESS

Reflector Options

### PROJECT TYPE SPECIFIER QUANTITY DATE

MECHANIQ	SQUAR	RE COM	FORT	DOUBI	
A35028-	-	-	-	-	-
base number LED Dimming	Color Temperatu	Finishes (Diamond)	Finishes (Triangle)	Finishes (Circle)	Ceiling Thicknes
1.To build a product co the base model # prod 2. To build a manual p options listed below in	uct page roduct code or	n this datashe	et choose fro	m the	
GENERAL					
Series: Mechaniq Squa	are Comfort				
Subseries: Mechaniq S	quare Comfoi	rt Double			
Brand: Prolicht					
Division: Architectural					
Mounting Type: Trimle	ess				
Mounting Location: Ce					
Subcategory: Downlig	ht				
PHYSICAL					
Shape: Rectangle					
Diameter (mm): 99					
Diameter (in): 3 $\frac{7}{8}$					
Length (mm): 249					
Length (in): 9 <sup>13</sup> / <sub>16</sub>					
Width (mm): 131					
Width (in): 5 <sup>3</sup> / <sub>16</sub>					
Height (mm): 127					
Height (in): 5					
Ceiling Thickness (mm					
Ceiling Thickness (in):		)/16 or 1			
Min. Recessing Depth					
Min. Recessing Depth					
Light Distribution: Dov	vnlight				
Weight (kg): 1.637					
Weight (lbs): 3.61 Fixture Finish: SSR / BI MIC / FTG / MYG / TWT MEY / GOH / GUM / CH	/LOD/PUS/	FRO / FUP / K	A / POP / BL		
Fixture Material: Alum	inum Die Cast				
Cut-out Measurement			m / 5 5/16"		
Upon Request: Unique	e Ceiling Thick	ness			
ELECTRICAL					
Lamp Type: LED (Zhag	a Standard)				
Input Wattage (W): 58.	3				
Total Output Wattage					
Dimming: Tri-Mode (N and 0-10V Dimming)	on-Dimming a	and Phase Din	nming (120V	ac only)	
Driver Included: Yes					
Driver Location: Reces					
Driver Type: Constant	Current - Univ	versal			
Driver Class: Class 2	onto				
Housing: See compone					
Input Voltage (V): 120 - Constant Current (MA)					
LED					

### Number of LEDs: 2

### 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

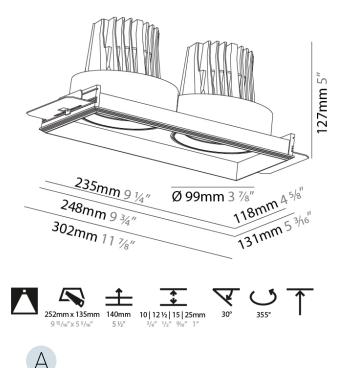
Adjustability: Rotational 355°; Tilt 30°

Upon Request: Special Beam Angles

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

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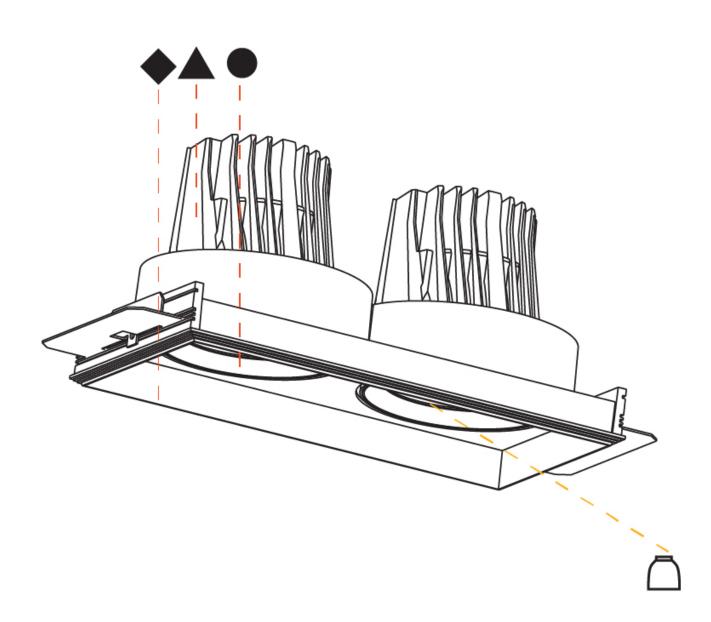




TYPE		
SPECIFIER		
QUANTITY		

## **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)	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+
wall and ceiling: recessed and surface mounted	C	rotating	0	warm dim / natural dimming LED
ceiling-mounted and wall-mounted	Œ	illuminate tilted	Θ	rechargeable battery powered
wall-mounted	T	color of suspension cable	1000 H	fixture with natural vivid LED (upon request)
omni-directional light distribution		length of suspension cable		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)
round wall or ceiling cut-out	$\odot$	integrated shine ring with diffuser	6	walk on
square wall or ceiling cut-out	Ū.	free individual colors 01-29	۲	drive on
the supplied jig specifies the cutout dimensions	ů).	individual colors: 00 (free of charge), 01-25 (extra charge)	BSC	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
(step-dim)		luminaire part to be colored (F5)		protection class l, protection insulation
included or excluded LED driver/transformer/ control gear		color of 3-circuit adaptor		protection class II, protection insulation
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	$\boldsymbol{\Theta}$	ball-proof (upon request)	<b>(</b>	CSA Certified to UL and CSA Standards
available upon request	U	accessory	2	Certified for North American Standards
	wall and ceiling: recessed and surface mounted ceiling-mounted and wall-mounted wall-mounted omni-directional light distribution direct light distribution direct light distribution indirect light distribution asymmetric light distribution aura light distribution round wall or ceiling cut-out square wall or ceiling cut-out the supplied jig specifies the cutout dimensions minimum distance (meters) lamp - object recessed depth ceiling thickness in mm ceiling thickness selection dimmable DP (phase), DV (0-10V), DD (dali), DS step-dim) included or excluded LED driver/transformer/ control gear	wall and ceiling: recessed and surface mountedwall-mounted and wall-mountedIceiling-mounted and wall-mountedIomni-directional light distributionIdirect light distributionIdirect light distributionIindirect light distributionIasymmetric light distributionIaura light distributionIround wall or ceiling cut-outIthe supplied jig specifies the cutout dimensionsIminimum distance (meters) lamp - objectIrecessed depthIceiling thickness in mmIceiling thickness selectionIdimmable DP (phase), DV (0-10V), DD (dali), DS (step-dim)Iseparately switchableIsensorIpremote controlI	wall and ceiling: recessed and surface mounted✓rotatingceiling-mounted and wall-mounted✓illuminate tiltedwall-mounted✓color of suspension cableomni-directional light distribution✓length of suspension cabledirect/indirect light distribution✓reflector degree selectiondirect/indirect light distribution✓super spotindirect light distribution✓lensasymmetric light distribution✓shine ringround wall or ceiling cut-out✓integrated shine ring with diffusersquare wall or ceiling cut-out✓free individual colors 01-29the supplied jig specifies the cutout dimensions✓luminaire part to be colored (F1)recessed depth✓luminaire part to be colored (F2)ceiling thickness in mm✓luminaire part to be colored (F3)ceiling thickness selection✓luminaire part to be colored (F3)iditruded or excluded LED driver/transformer/✓color of 3-circuit adaptorseparately switchable✓indirect diffusersensor✓direct diffuserremote control✓ball-proof (upon request)	wall and ceiling: recessed and surface mountedImage: ceiling-mounted and wall-mountedImage: color of suspension cableImage: color of suspension cablewall-mountedImage: color of suspension cableImage: color of suspension cableImage: color of suspension cableImage: color of suspension cabledirect light distributionImage: color of suspension cableImage: color of suspension cableImage: color of suspension cabledirect/indirect light distributionImage: color of suspension cableImage: color of suspension cableImage: color of suspension cabledirect/indirect light distributionImage: color of suspension cableImage: color of suspension cableImage: color of suspension cableasymmetric light distributionImage: color of suspension cableImage: color of suspension cableImage: color of suspension cableaura light distributionImage: color of suspension cableImage: color of suspension cableImage: color of suspension cableaura light distributionImage: color of suspension cableImage: color of suspension cableImage: color of suspension cableaura light distributionImage: color of suspension cableImage: color of suspension cableImage: color of suspension cablesquare wall or ceiling cut-outImage: color of suspension cableImage: color of suspension cableImage: color of suspension cablesquare wall or ceiling cut-outImage: color of suspension cableImage: color of suspension cableImage: color of suspension cablerecessed depthImage: color of color of color of fullImage: color of fullImage: color of full

### **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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