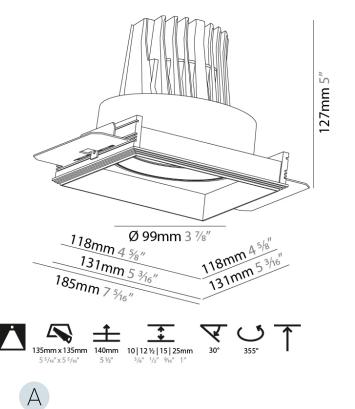
A35013-

MECHANIQ SQUARE COMFORT SINGLE TRIMLESS

PROJECT			
TYPE			
SPECIFIER			
QUANTITY			
DATE			

base number	LED	Color	Finishes	Finishes	Finishes	Ceiling
Dase number	Dimming	Temperature		(Triangle)	(Circle)	Thickness
						_
1.To build a p	roduct code	in our configu	rator select t	he specify bu	utton on	
the base mod		1 0				
		luct code on th Je font and ad				
	Delow III Dil	ie iont ana aa	u the sumx to) the base m	ouei #	
GENERAL						
Series: Mecha						
		are Comfort S	ingle			
Brand: Prolic	-					
Division: Arch Mounting Typ						
Mounting Loc		ησ				
Subcategory:		'5				
	Boundary					
PHYSICAL						
Shape: Squar						
Diameter (mr	7					
Diameter (in)						
Length (mm):						
Length (in): 5						
Width (mm):						
Width (in): 5 ³						
Height (mm):	129					
Height (in): 5	2055 (mm): 1	0 / 12 / 15 / 25				
		10 / 12 / 15 / 25 3 or 1/2 or 9/16				
Min. Recessin			0011			
Min. Recessin	• • •					
		able / Downlig	, ht			
Weight (kg): 0		abic / Downing	5110			
Weight (lbs):						
		/ CWI / CRY / H	AB / UFT / IT	A / RUA / FT	G / MYG /	
LOD / PUS / F	RO / FUP / K	IA / POP / BLS	/ SPG / MEY	/ GOH / GUN	4 / CHC /	
COM / ABZ / J						
Fixture Mater						
		.35mm / 5 5/16		5 5/16"		
<u>.</u>	t: Unique Ce	eiling Thicknes	SS			
ELECTRICAL						
Lamp Type: L						
Input Wattag						
): 12.1 (2700K)				
Dimming: Tri- and 0-10V Dir		Dimming and	Phase Dimn	ning (120Vac	conly)	
Driver Include						
Driver Locatio		Housing				
		rrent - Univers	al			
Driver Class: (
Housing: See		S				
Input Voltage						
Constant Cur						
LED						
Number of LE	Ds [.] 1					
		2700 / 3000 / 3	500 / 4000			
		n): 830 / 930 / 3				
CRI: >90 CRI	- (. ,	,			
Lamp Life (hr	s): 50000					
· · · · ·		olor Temperat	ure RGB-W T	unable Whit	te	
Special LED						
OPTICAL						
Reflector°: 8						





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

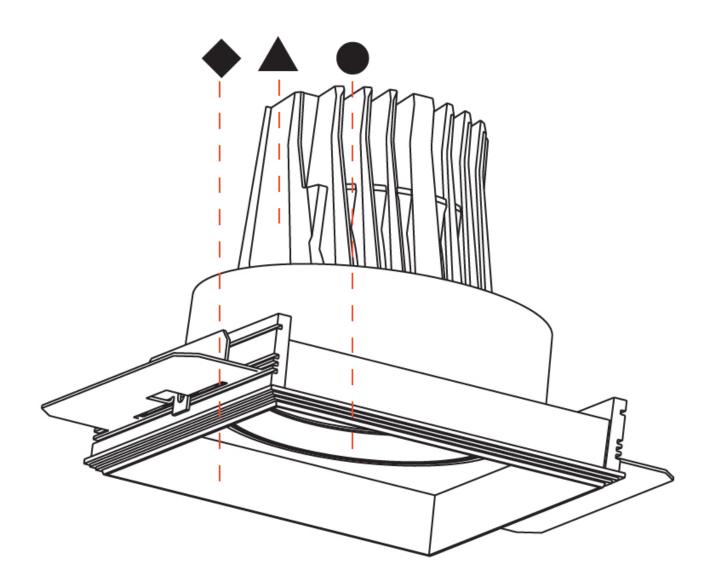
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MECHANIQ SQUARE COMFORT SINGLE TRIMLESS

PROJECT		
ТҮРЕ		
SPECIFIER		
QUANTITY		
DATE		

A35013-



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MECHANIO SOUADE COMEODT SINGLE TDIMLESS

MECHANIQ SQUARE COMPORT SINGL		
A35016	_	DATE
base number LED Color Finishes Finishes Finishes	Ceiling	
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	-	
Subcategory: Downlight	-	
	-	
PHYSICAL		
Shape: Square	-	
Length (mm): 131	-	
Length (in): $5\frac{3}{16}$	_	
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"	-	MARTIN
Upon Request: Unique Ceiling Thickness	_	
ELECTRICAL	_	
Lamp Type: LED (Zhaga Standard)		
Input Wattage (W): 28.6	-	
Total Output Wattage (W): 26.4	_	
Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only)	_	127mm
and 0-10V Dimming)		57
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		
Number of LEDs: 1		118mm Ø 99mm 3 7%"
Color Temperature (°K): 2700 / 3000 / 3500 / 4000	_	$\frac{118 \text{mm} 4}{1.31 \text{m}} \frac{5}{8}$
Max. Delivered Lumen (lm): 2210 / 2270 / 2391 / 2440	_	
CRI: >90 CRI	-	185mm 7 13111
Lamp Life (hrs): 50000	_	185mm 7 5/16" 131mm 3 1
Upon Request: Special Color Temperature RGB-W Tunable White Special LED	_	
OPTICAL	_	$\blacksquare 4 > \pm 4 > 1$
		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" 3/8" 1/2" 9/16" 1"
Adjustability: Rotational 355°; Tilt 30°	_	A
Upon Request: Special Beam Angles	_	

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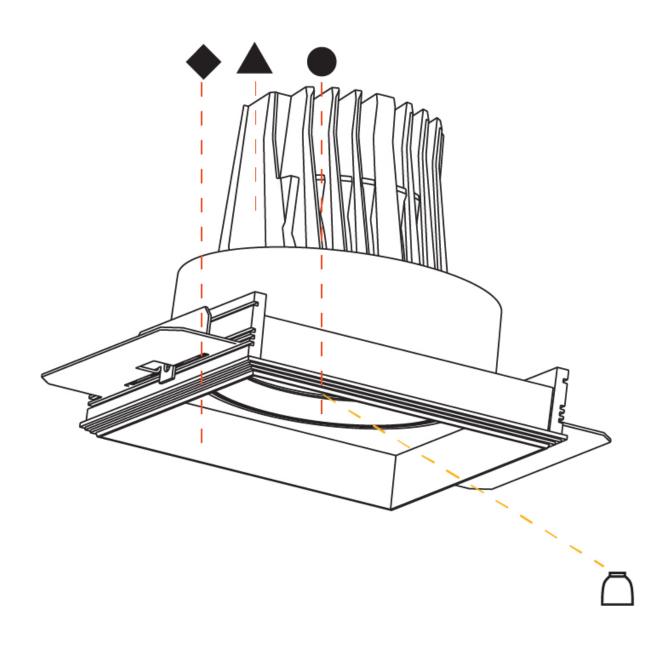
PROJECT

TYPE SPECIFIER QUANTITY

PROJECT		
ТҮРЕ		
SPECIFIER		
QUANTITY		
DATE		

MECHANIQ SQUARE COMFORT SINGLE TRIMLESS

A35016-



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MECHANIQ SQUARE COMFORT SINGLE TRIMLESS

Finishes

Finishes

Ceiling

PROJECT		
TYPE		
SPECIFIER		
QUANTITY		
DATE		

	Dimming	Temperature	(Diamond)	(Triangle)	(Circle)	Thickness	
1. To build a product code in our configurator select the specify button on							

Finishes

the base model # product page

Color

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

A35019-

base number LED

GENERAL	
Series: Mechaniq Square Comfort	
Subseries: Mechaniq Square Comfort Single	
Brand: Prolicht	
Division: Architectural	
Mounting Type: Trimless	
Mounting Location: Ceiling	
Subcategory: Downlight	
PHYSICAL	
Shape: Square	
Length (mm): 180	
Length (in): $7\frac{1}{16}$	
Width (mm): 180	
Width (in): $7\frac{1}{16}$	
Height (mm): 180	
Height (in): $7\frac{1}{16}$	
Ceiling Thickness (mm): 10 / 12 / 15 / 25	
Ceiling Thickness (in): 3/8 or 1/2 or 9/16 or 1	
Min. Recessing Depth (mm): 200	
Min. Recessing Depth (in): $7\frac{7}{8}$	
Light Distribution: Adjustable / Downlight	
Weight (kg): 2.114	
Weight (lbs): 4.65	
Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / R	UA / FTG / MYG /
LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GO	H / GUM / CHC /
COM / ABZ / JAG / OBR / MOS / ROR	
Fixture Material: Aluminum Die Cast	
Cut-out Measurements: 185mm / 7 5/16" x 185mm / 7 5/2	16"
Upon Request: Unique Ceiling Thickness	
ELECTRICAL	
Lamp Type: LED (Zhaga Standard)	
Input Wattage (W): 23.1	
Total Output Wattage (W): 21.2	
Dimming: Tri-Mode (Non-Dimming and Phase Dimming ((120Vac only)
and 0-10V Dimming)	
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	
Number of LEDs: 1	

Adjustability: Rotational 355°; Tilt 30°

Upon Request: Special Beam Angles

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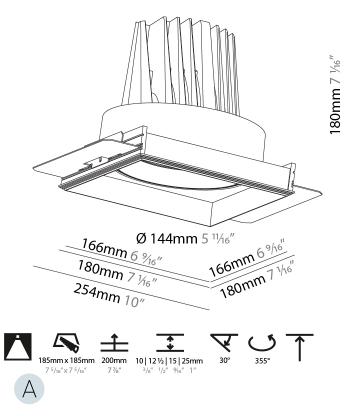
Certified By: Certified for North American Standards. Available for Methana specifications by adding MT at the end of the existing Model #. For assistance on 'custom' specifications, contact zteam@zaneen.com.

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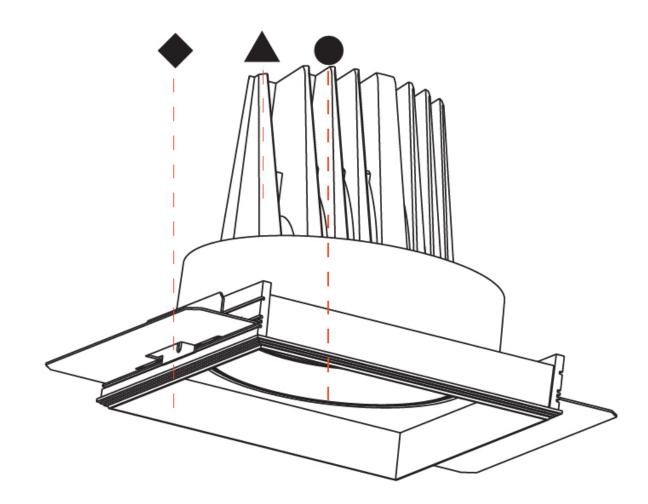




PROJECT			
TYPE	 		
SPECIFIER	 		
QUANTITY	 		
DATE			

MECHANIQ SQUARE COMFORT SINGLE TRIMLESS

A35019-



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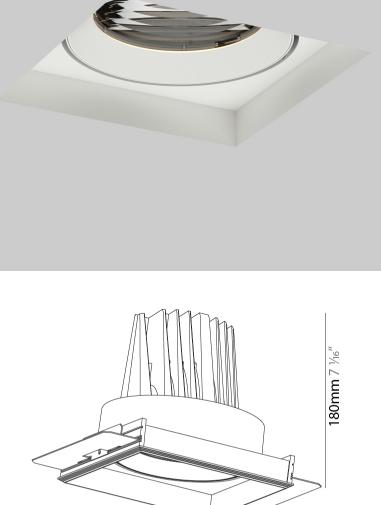
MECHANIQ SQUARE COMFORT SINGLE TRIMLESS

ГҮРЕ		
SPECIFIER		
QUANTITY		
DATE		

425022		DATE
A35022	-	
base number LED Color Finishes Finishes Finishes Dimming Temperature (Diamond) (Triangle) (Circle)	Ceiling Thickness	Reflector 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: Mechanig Square Comfort		
Subseries: Mechaniq Square Comfort Single		
Brand: Prolicht		
Division: Architectural		
Mounting Type: Trimless		
Mounting Location: Ceiling		
Subcategory: Downlight		
PHYSICAL		
Shape: Square		
Length (mm): 166		
Length (in): 6 %		
Width (mm): 166		
Width (in): 6 ⁹ / ₁₆		
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): $7\frac{1}{2}$		
Light Distribution: Adjustable / Downlight		
Weight (kg): 2.117		
Weight (lbs): 4.66		
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: 185mm / 7 5/16" x 185mm / 7 5/16"		M M M
Upon Request: Unique Ceiling Thickness		
ELECTRICAL		
Lamp Type: LED (Zhaga Standard)		
Input Wattage (W): 46.2		
Total Output Wattage (W): 41.9		
Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming)		
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): 1050		
LED		166mm Ø 144mm 5 11/16"
Number of LEDs: 1		$\frac{166mm 6 \frac{9}{16''}}{180m} \frac{166mm 6 \frac{9}{16''}}{160m} \frac{166mm 6 \frac{9}{16''}}{160m}$
Color Temperature (°K): 2700 / 3000 / 3500 / 4000		
Max. Delivered Lumen (lm): 4030 / 4130 / 4332 / 4420		254m 180mm
CRI: >90 CRI		254mm 10" 180mm
Lamp Life (hrs): 50000 Upon Request: Special Color Temperature RGB-W Tunable White		
Special LED		
OPTICAL		
Reflector°: 12 / 24 / 40		■■■ 185mm x 185mm 200mm 10 12 ½ 15 25mm 30° 355° 7 ⁵ /16" x 7 ⁵ /16" 7 %" 3/8" ½" %6" 1"
Adjustability: Rotational 355°; Tilt 30°		
Upon Request: Special Beam Angles		A

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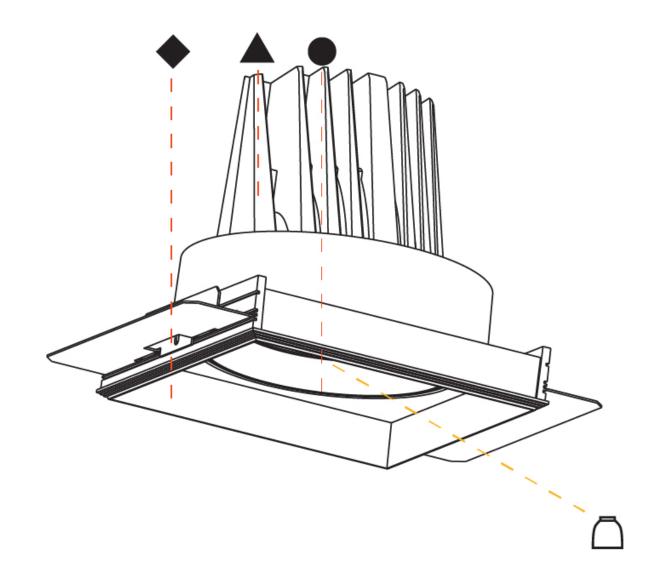
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MECHANIQ SQUARE COMFORT SINGLE TRIMLESS	
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A35022-

PROJECT
ТҮРЕ
SPECIFIER
QUANTITY
DATE



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MECHANIQ SQUARE COMFORT DOUBLE TRIMLESS

	ANIQ 3	QUARI			DOOD	LETRIM	
35025	i-	_	_	_	_	_	
ase number	LED	Color	Finishes	Finishes	Finishes	Ceiling	
	Dimming	Temperature	(Diamond)	(Triangle)	(Circle)	Thickness	
					1		
	product coa del # produc	e in our config	urator selec	t the specify	button on		
		duct code on t	this datashe	et choose fro	om the		
		lue font and a					
GENERAL							
Series: Mech	ania Sauar	e Comfort					
		uare Comfort	Double				
Brand: Prolie							
Division: Arc	hitectural						
Mounting Ty	pe: Trimles	s					
Mounting Lo	cation: Ceil	ing					
Subcategory	: Downligh	:					
PHYSICAL							
Shape: Recta	angle						
Length (mm							
Length (in): 9							
Width (mm):							
Width (in): 5							
Height (mm)							
Height (in): 5	5						
Ceiling Thick	kness (mm):	10 / 12.5 / 15	/ 25				
Ceiling Thick	kness (in): 3	/8 or 1/2 or 9/2	16 or 1				
Min. Recessi	ng Depth (n	nm): 140					
Min. Recessi	ng Depth (ir	ו): 5 ½					
Light Distrib	ution: Adjus	stable / Downl	ight				
Weight (kg):	1.637						
Weight (lbs):							
	FRO / FUP /	/ / CWI / CRY / KIA / POP / BL MOS / ROR					
Fixture Mate	rial: Alumin	um Die Cast					
Cut-out Mea	surements:	252mm / 9 15	/16" x 135m	m / 5 5/16"			
Upon Reque	st: Unique (Ceiling Thickn	ess				
ELECTRICAL	L						TAM.
Lamp Type:	LED (Zhaga	Standard)					
Input Wattag	ge (W): 26.4	/ 33					TTATA
Total Output	t Wattage (N	V): 24.2 / 29.5					
		n-Dimming an	d Phase Dim	nming (120V	ac only)		
and 0-10V Di	0,						
Driver Incluc							127mm
Driver Locat							
Driver Type: Driver Class:		urrent - Unive	rsal				
Housing: See		ntc					
Input Voltag							
Constant Cu							225
							$\frac{235mm 9 \sqrt{4''}}{249} \overline{\emptyset} 99mm 3 \overline{78''} \qquad e^{5/8''}$
LED	FD 2						248m - 248m - 0mm
Number of L		2700 / 3000 /	3500 / 4000				$\frac{235 \text{mm 9 }_{14''}}{248 \text{mm 9 }_{34''}} = \frac{\sqrt{999 \text{mm 3 }_{78''}}}{118 \text{mm 4 }_{5/8''}}$ $\frac{248 \text{mm 9 }_{34''}}{302 \text{mm }_{11 }_{78''}} = \frac{131 \text{mm 5 }_{3/16''}}{131 \text{mm 5 }_{3/16''}}$
		m): 1670 / 186		150			$\frac{302mm 9_{34''}}{11810} \frac{11810}{5_{8''}} \frac{11810}{131mm} \frac{5_{3/16}}{131mm}$
CRI: >90 CRI). 1010/ 186	0 / 2009 / 2U	0.0			13'
Lamp Life (h							
-		Color Tempera	ature RGB-W	Tunable Wł	nite		
OPTICAL							$\blacksquare \square \square$
Reflector°: 8							252mm x 135mm 140mm 10 12 ½ 15 25mm 30° 355°
		l 355°; Tilt 30°					9 ¹⁵ / ₁₆ " x 5 ⁵ / ₁₆ " 5 ¹ / ₂ " ³ / ₈ " ¹ / ₂ " ⁹ / ₆ " 1"
		Beam Angles					A
		CATIONS					Pag

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PROJECT

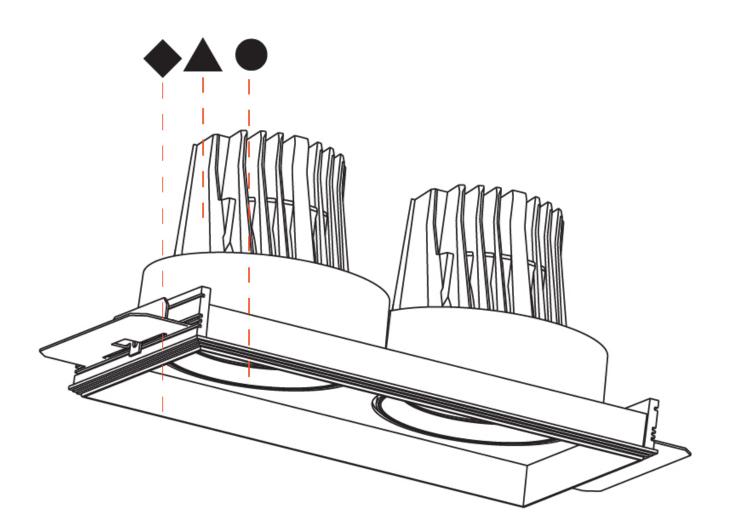
TROJECT		
TYPE		
SPECIFIER		
QUANTITY		
DATE		

PROJECT

ТҮРЕ		
SPECIFIER		
QUANTITY		
DATE		

MECHANIQ SQUARE COMFORT DOUBLE TRIMLESS

A35025-



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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

↓	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	Æ	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
Ä	direct light distribution	Δ	reflector degree selection	ĸ	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
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	Ċ	free individual colors 01-29	۲	drive on
۲	the supplied jig specifies the cutout dimensions	ů).	individual colors: 00 (free of charge), 01-25 (extra charge)	DSC	Dark Sky Compliance
(++ M	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
1	ceiling thickness selection		luminaire part to be colored (F4)	(ه)	100
	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
У	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	\odot	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
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)

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