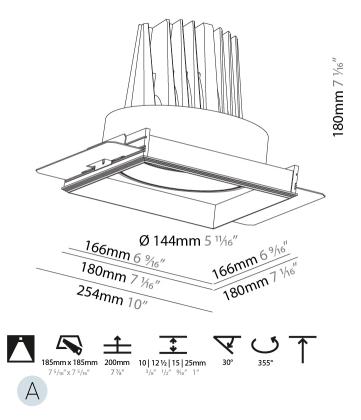
ZANEEN_®

MECHANIQ SQUARE COMFOR

LANEEN®		ТҮРЕ
		SPECIFIER
MECHANIQ SQUARE COMFORT SINGLI	TRIMLESS	QUANTITY
		DATE
A35019	-	
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 Single		
Brand: Prolicht		
Division: Architectural		**
Mounting Type: Trimless		6
Mounting Location: Ceiling		
Subcategory: Downlight		
PHYSICAL		
Shape: Square		
Length (mm): 180		
Length (in): 7 $\frac{1}{16}$		
Width (mm): 180		
Width (in): $7\frac{1}{1_6}$		
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 ⁷ / ₈		
Light Distribution: Adjustable / Downlight		
Weight (kg): 2.114		
Weight (lbs): 4.65		
Fixture Finish: SSR / BKV / CWI / CRY / HAB / LIFT / ITA / RUA / FTG / MYG /		

PROJECT



Width (in): 7 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 / 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"
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
Color Temperature (°K): 2700 / 3000 / 3500 / 4000

OPTICAL	
Special LED	
Upon Request: Special Color Temperature RGB-W Tunable Whit	e
Lamp Life (hrs): 50000	
CRI: >90 CRI	
Max. Delivered Lumen (lm): 1440 / 1490 / 1568 / 1600	

Reflector°: 8

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

RATINGS AND CERTIFICATIONS Zanean Grouin Inc. © 2024, T 1800-388-3382, F 416-247-9319, www.zaneen.com

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

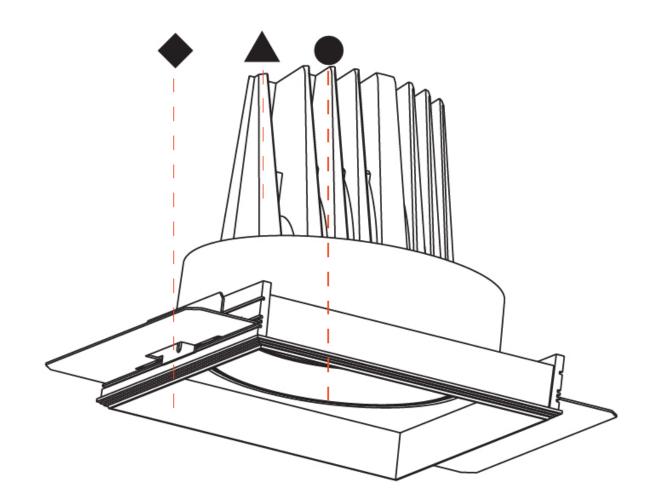
IParatisign P444 rt to supply the best product, we reserve the right to change specifications or materials without notice. The most recent specification sheets are found at zaneen.com

Page 1/6

PROJECT		
TYPE	 	
SPECIFIER	 	
QUANTITY		
DATE	 	

MECHANIQ SQUARE COMFORT SINGLE TRIMLESS

A35019-



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MECHANIQ SQUARE COMFORT SINGLE TRIMLESS

SPECIFIER		
QUANTITY		
DATE		

								DATE	
A35022 base number	- LED	- Color	- Finishes	- Finishes	- Finishes	- Ceiling	Reflector		
Dase number	Dimming	Temperature		(Triangle)	(Circle)	Thickness	Options		
		e in our config	urator selec	t the specify	/ button on				
	manual pro	t page duct code on t lue font and a							
GENERAL									
Series: Mech	ania Sauara	Comfort							
		uare Comfort	Single						
Brand: Prolic			Single						
Division: Arc									
Mounting Ty		5						í -	
Mounting Lo	•								
Subcategory	: Downlight								
PHYSICAL									
Shape: Squa	re								
Length (mm)									
Length (in): 6									
Width (mm):									
Width (in): 6									
Height (mm)									
Height (in): 7									
		10 / 12.5 / 15	/ 25						
		'8 or 1/2 or 9/2							
Min. Recessi									
Min. Recessi		-							
	-	table / Downl	light						
Weight (kg):									
Weight (lbs):	4.66								
	RO/FUP/	/ / CWI / CRY / KIA / POP / BL MOS / ROR							
Fixture Mate	rial: Alumin	um Die Cast							
Cut-out Mea	surements:	185mm / 7 5/	16" x 185mr	n / 7 5/16"				MT THE	
Upon Reque	st: Unique C	eiling Thickn	ess						
ELECTRICAL									1/16"
Lamp Type: I		Standard)							1
Input Wattag		W 41 0							3
Total Output			d Phase Div	nming (120)	lac only)				7 mm
and 0-10V Di		n-Dimming an	iu miase Din	mmig (120)	vac only)				180
Driver Includ	0,								-
Driver Locati		ed Housing							
		urrent - Unive	rsal				e		
Driver Class:	Class 2								
Housing: See	componer	its							>
Input Voltage	e (V): 120 - 2	77							
Constant Cu	rrent (MA): 1	1050							
LED								0.166 Ø 144mm 5 ¹ / ₁₆	
Number of L	EDs: 1							$\frac{166 \text{mm } 6^{9/16''}}{180 \text{m} 6^{9/16''}} = 166 \text{mm} 6^{9/16''}}$	
Color Tempe	erature (°K):	2700 / 3000 /	3500 / 4000				-	180mm 7 1/10"	
Max. Delivere	ed Lumen (l	m): 4030 / 413	30 / 4332 / 4	420				$\begin{array}{c c} & 0 & 144 \text{mm} & 5 & 11/16'' \\ \hline & 166 \text{mm} & 6 & 9/16'' \\ \hline & 180 \text{mm} & 7 & 1/16'' \\ \hline & 254 \text{mm} & 10'' \\ \hline \end{array}$	
CRI: >90 CRI								254mm 10" 180mm	
		Color Tempera	ature RGB-W	/ Tunable W	hite				
Special LED								\checkmark \pm \checkmark \lor \circlearrowright \uparrow	
OPTICAL Reflector°: 12	2 / 24 / 40							185mm x 185mm 200mm 10 12 ½ 15 25mm 30° 355° $7^{5}/_{16}^{n} x 7^{5}/_{16}^{n} 7^{2}/_{16}^{n} 3^{j}/_{4}^{n} 1^{j}/_{2}^{n} 9^{j}/_{6}^{n} 1^{n}$	
		355°; Tilt 30°					Δ		
Upon Reque							A		

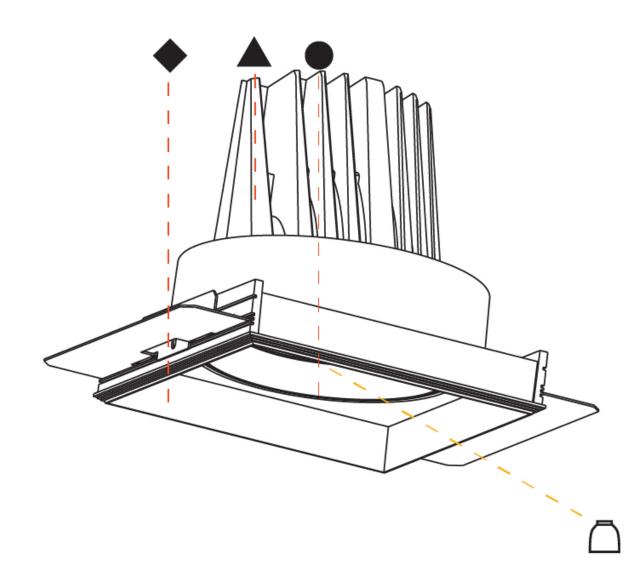
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Page 3/6

TYPE		
SPECIFIER		
QUANTITY		
DATE		

MECHANIQ SQUARE COMFORT SINGLE TRIMLESS

A35022-



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MECHANIQ SQUARE COMFORT

COLOR FINISH CHART

Fixture Finish

PROJECT

PROJECT		
TYPE		
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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	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	<u>∦</u>	lens	(¥)	efficacy (lumens per watt)
	asymmetric light distribution	8	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	Ċ	free individual colors 01-29		drive on
۲ ۲	the supplied jig specifies the cutout dimensions	Ċ	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
1	ceiling thickness selection		luminaire part to be colored (F4)	()	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
Ľ	sensor	D	direct diffuser	c (U) us	UL Certified to UL and CSA Standards
	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)
IK10	protected against 20 joules impact (equivalent to 5.0kg mass dropped from 400mm above the surface)

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September 26, 2024, 6:39 am