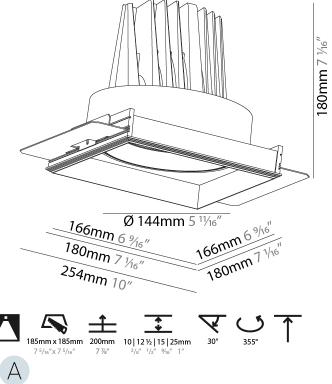
MECHANIO SQUARE COMFORT SINGLE TRIMLESS

	LED Dimming	Color Temperature	Finishes (Diamond)	Finishes (Triangle)	Finishes (Circle)	Ceiling Thickness	Reflector Options
	חווווווחש	remperature	(ומחווטומ)	(mangle)	(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 ad					
GENERAL							
Series: Mech	ania Sauare	e Comfort					
		uare Comfort	Single				
Brand: Prolic							
Division: Arc	hitectural						
Mounting Ty	pe: Trimles	s					
Mounting Lo		-					
Subcategory	: Downlight						
PHYSICAL							
Shape: Squa	re						
Length (mm)							
Length (in): 6							
Width (mm):							
Width (in): 6							
Height (mm)							
Height (in): 7		10/10 5/15	125				
		10 / 12.5 / 15 /					
		/8 or 1/2 or 9/1	6 Or 1				
Min. Recessi Min. Recessi		-					
		table / Downli	aht				
Weight (kg):			giit				
Weight (lbs):							
Fixture Finis LOD / PUS / I	h: SSR / BK\ FRO / FUP /	/ / CWI / CRY / I KIA / POP / BL					
COM / ABZ /							
		185mm / 7 5/1	6" x 185mr	n / 7 5/16"			
		Ceiling Thickne		.,,			
FI FCTRICAI							
	-	Standard)					
Lamp Type:	LED (Zhaga	Standard)					
Lamp Type: Input Wattag	LED (Zhaga ge (W): 46.2						
Lamp Type: Input Wattag Total Output	LED (Zhaga ge (W): 46.2 t Wattage (V i-Mode (Nor		d Phase Din	nming (120V	ac only)		
Lamp Type: Input Wattag Total Output Dimming: Tr and 0-10V Di Driver Includ	LED (Zhaga ge (W): 46.2 t Wattage (V i-Mode (Nor mming) led: No	V): 41.9 n-Dimming and	d Phase Dir	nming (120V	ac only)		
Lamp Type: Input Wattag Total Output Dimming: Tr and 0-10V Di Driver Includ Driver Locati	LED (Zhaga ge (W): 46.2 t Wattage (V i-Mode (Nor mming) led: No fon: Recesse	V): 41.9 n-Dimming and		nming (120V	ac only)		
Lamp Type: Input Wattag Total Output Dimming: Tr and 0-10V Di Driver Includ Driver Locati Driver Type:	LED (Zhaga ge (W): 46.2 t Wattage (V i-Mode (Nor mming) led: No ion: Recesse Constant C	V): 41.9 n-Dimming and		nming (120\	ʻac only)		
Lamp Type: Input Wattag Total Output Dimming: Tr and 0-10V Di Driver Includ Driver Locati Driver Type: Driver Class:	LED (Zhaga ge (W): 46.2 t Wattage (V i-Mode (Nor mming) led: No ion: Recesse Constant C Class 2	V): 41.9 n-Dimming and ed Housing urrent - Univer		nming (120V	ac only)		
Lamp Type: Input Wattag Total Output Dimming: Tr and 0-10V Di Driver Includ Driver Locati Driver Type: Driver Class: Housing: See	LED (Zhaga ge (W): 46.2 t Wattage (V i-Mode (Nor mming) led: No constant C Class 2 e componer	V): 41.9 h-Dimming and ed Housing urrent - Univer		nming (120V	iac only)		
Lamp Type: Input Wattag Total Output Dimming: Tr and 0-10V Di Driver Includ Driver Locati Driver Type: Driver Class: Housing: See Input Voltag	LED (Zhaga ge (W): 46.2 t Wattage (V i-Mode (Nor mming) led: No con: Recesse Constant C Class 2 e componer e (V): 120 - 2	V): 41.9 h-Dimming and ed Housing urrent - Univer hts		nming (120V	ac only)		
Lamp Type: Input Wattag Total Output Dimming: Tr and 0-10V Di Driver Includ Driver Locati Driver Type: Driver Class: Housing: See Input Voltag Constant Cu	LED (Zhaga ge (W): 46.2 t Wattage (V i-Mode (Nor mming) led: No con: Recesse Constant C Class 2 e componer e (V): 120 - 2	V): 41.9 h-Dimming and ed Housing urrent - Univer hts		nming (120\	ac only)		
Lamp Type: Input Wattag Total Output Dimming: Tr and 0-10V Di Driver Includ Driver Locati Driver Type: Driver Class: Housing: See Input Voltag Constant Cu LED	LED (Zhaga ge (W): 46.2 : Wattage (V i-Mode (Nor ion: Recesse Constant Cr Class 2 e componer e (V): 120 - 2 rrent (MA): :	V): 41.9 h-Dimming and ed Housing urrent - Univer hts		nming (120\	ac only)		
Lamp Type: Input Wattag Total Output Dimming: Tr and 0-10V Di Driver Includ Driver Locati Driver Type: Driver Class: Housing: See Input Voltag Constant Cu LED Number of L	LED (Zhaga ge (W): 46.2 : Wattage (V i-Mode (Nor ion: Recesse Constant Co Class 2 e componer e (V): 120 - 2 rrent (MA): : EDs: 1	V): 41.9 Dimming and ed Housing urrent - Univer tts .77 1050	sal		ac only)		
Lamp Type: Input Wattag Total Output Dimming: Tr and 0-10V Di Driver Includ Driver Locati Driver Type: Driver Class: Housing: See Input Voltag Constant Cu LED Number of L Color Tempe	LED (Zhaga ge (W): 46.2 : Wattage (V i-Mode (Nor ion: Recesse Constant Cr Constant Cr Class 2 e componer e (V): 120 - 2 rrent (MA): : EDS: 1 erature (°K):	V): 41.9 Dimming and ed Housing urrent - Univer ts .77 1050 2700 / 3000 / 3	sal 		ac only)		
Lamp Type: Input Wattag Total Output Dimming: Tr and 0-10V Di Driver Includ Driver Includ Driver Type: Driver Class: Housing: See Input Voltag Constant Cu LED Number of L Color Tempe Max. Deliver	LED (Zhaga ge (W): 46.2 : Wattage (V i-Mode (Nor ion: Recesse Constant Cr Constant Cr Class 2 e componer e (V): 120 - 2 rrent (MA): : EDS: 1 erature (°K):	V): 41.9 Dimming and ed Housing urrent - Univer tts .77 1050	sal 		ac only)		
Lamp Type: Input Wattag Total Output Dimming: Tr and 0-10V Di Driver Includ Driver Locati Driver Type: Driver Class: Housing: See Input Voltag Constant Cu LED Number of L Color Tempe Max. Deliver CRI: >90 CRI	LED (Zhaga ge (W): 46.2 : Wattage (V i-Mode (Nor i-Mode (Nor ion: Recesse Constant Cr Class 2 e componer e (V): 120 - 2 rrent (MA): : EDS: 1 erature (°K): ed Lumen (I	V): 41.9 Dimming and ed Housing urrent - Univer ts .77 1050 2700 / 3000 / 3	sal 		ac only)		
and 0-10V Di Driver Includ Driver Locati Driver Type: Driver Class: Housing: See Input Voltag Constant Cu LED Number of L Color Tempe Max. Deliver CRI: >90 CRI Lamp Life (h	LED (Zhaga ge (W): 46.2 : Wattage (V i-Mode (Nor i-Mode (Nor ion: Recesse Constant Cr Class 2 e componer e (V): 120 - 2 rrent (MA): : EDs: 1 erature (°K): ed Lumen (I	V): 41.9 Dimming and ed Housing urrent - Univer ts .77 1050 2700 / 3000 / 3	sal 3500 / 4000 0 / 4332 / 4	420			
Lamp Type: Input Wattag Total Output Dimming: Tr and 0-10V Di Driver Includ Driver Locati Driver Locati Driver Class: Housing: See Input Voltag Constant Cu LED Number of L Color Tempe Max. Deliver CRI: >90 CRI Lamp Life (h Upon Reque Special LED OPTICAL	LED (Zhaga ge (W): 46.2 t Wattage (W i-Mode (Nor mming) led: No ion: Recesse Constant Cr Class 2 e componer e (V): 120 - 2 rrrent (MA): : EDS: 1 erature (°K): ed Lumen (I rs): 50000 st: Special C	V): 41.9 Dimming and ed Housing urrent - Univer ats 77 1050 2700 / 3000 / 3 m): 4030 / 413	sal 3500 / 4000 0 / 4332 / 4	420			18 25 185mm x 185m
Lamp Type: Input Wattag Total Output Dimming: Tr and 0-10V Di Driver Includ Driver Locati Driver Type: Driver Class: Housing: See Input Voltag Constant Cu LED Number of L Color Tempe Max. Deliver CRI: >90 CRI Lamp Life (h Upon Reque Special LED OPTICAL Reflector ^e : 11	LED (Zhaga ge (W): 46.2 t Wattage (W i-Mode (Nor mming) led: No ion: Recesse Constant Cr Class 2 e componer e (V): 120 - 2 rrrent (MA): : EDS: 1 erature (°K): ed Lumen (I rs): 50000 st: Special C	V): 41.9 Dimming and ed Housing urrent - Univer ats 77 1050 2700 / 3000 / 3 m): 4030 / 413	sal 3500 / 4000 0 / 4332 / 4	420			

PROJECT TYPE SPECIFIER QUANTITY DATE



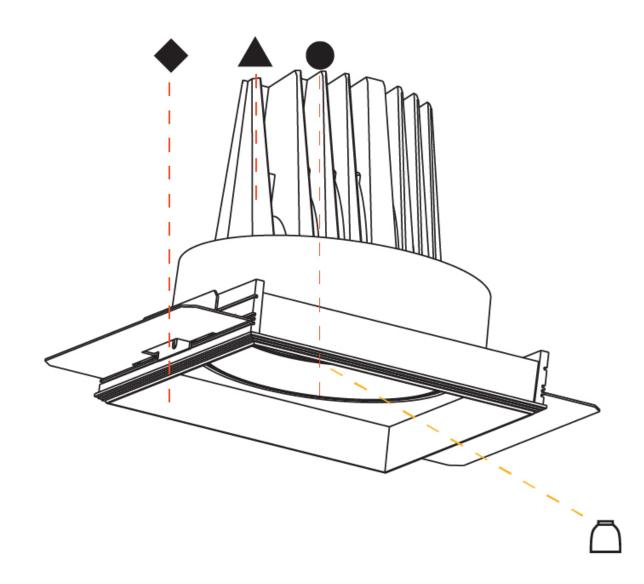


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ТҮРЕ		
SPECIFIER		
QUANTITY		
DATE		

MECHANIQ SQUARE COMFORT SINGLE TRIMLESS

A35022-



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MECHANIQ SQUARE COMFORT SINGLE RECESSED

A35088-

Temperature (Diamond) (Triangle) (Circle) Options	base number	Color Temperature	Finishes (Diamond)	Finishes (Triangle)	Finishes (Circle)	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

GENERAL	
Series: Mechaniq	Square Comfort
Subseries: Mecha	niq Square Comfort Single
Brand: Prolicht	
Division: Architect	tural
Mounting Type: R	ecessed
Mounting Locatio	n: Ceiling
Subcategory: Dov	vnlight
PHYSICAL	
Shape: Square	
Length (mm): 186	
Length (in): 7 ⁵ / ₁₆	
Width (mm): 186	
Width (in): 7 ⁵ / ₁₆	
Height (mm): 180	
Height (in): 7 ¹ / ₁₆	
Ceiling Thickness	(mm): 10 / 12.5 / 15
Ceiling Thickness	(in): 3/8 or 1/2 or 9/16
Min. Recessing De	epth (mm): 200
Min. Recessing De	epth (in): 7 ½
Light Distribution	: Adjustable / Downlight
Weight (kg): 1.88	
Weight (lbs): 4.14	
	R / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG /
	FUP / KIA / POP / BLS / SPG / MEY / GOH / GUM / CHC /
COM / ABZ / JAG /	
	Aluminum Die Cast
Cut-out Measuren	nents: 175mm / 6 7/8" x 175mm / 6 7/8"
ELECTRICAL	
Lamp Type: LED (Zhaga Standard)
Total Output Wat	•
Dimming: Tri-Moc and 0-10V Dimmir	de (Non-Dimming and Phase Dimming (120Vac only) ng)
Driver Included: N	lo
Driver Location: R	ecessed Housing
	tant Current - Universal
Housing: See com	•
Input Voltage (V):	120 - 277
input Fottage (F).	120 211

LED

Number of LEDs: 1	
Color Temperature (°K): 2700 / 3000 / 3500 / 4000	
Max. Delivered Lumen (lm): 4030 / 4130 / 4342 / 4430	
CRI: >90 CRI	
Lamp Life (hrs): 50000	

OPTICAL

Reflector°: 12 / 24 / 40

Constant Current (MA): 1050

Adjustability: Rotational 355°; Tilt 30°

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards IP rating: IP20

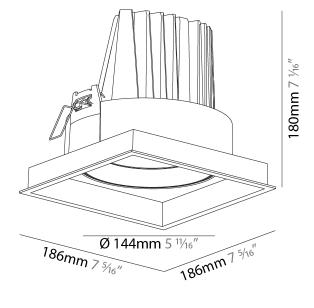
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PROJECT TYPE SPECIFIER QUANTITY DATE





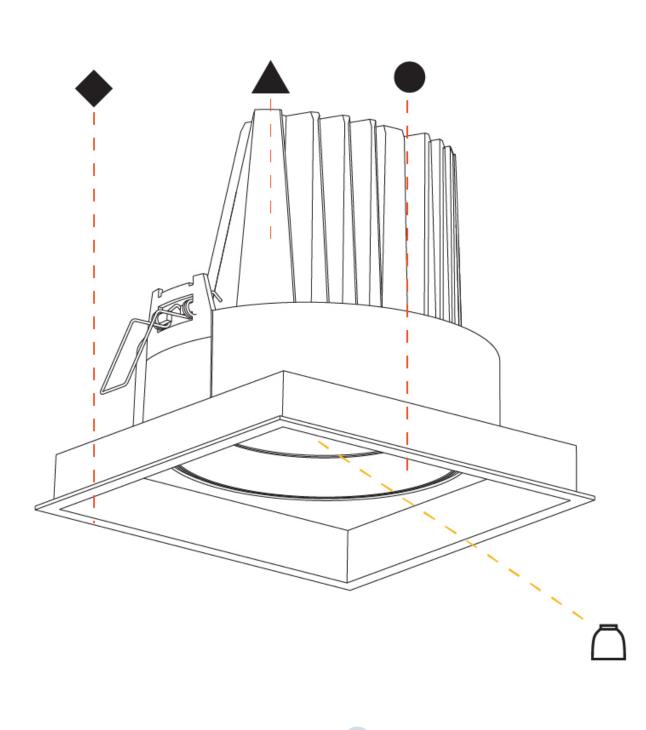


MECHANIQ SQUARE COMFORT SINGLE RECESSED

PROJECT

TYPE		
SPECIFIER		
QUANTITY		
DATE		·

A35088-



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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	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	Ū.	free individual colors 01-29		drive on
۲ ۲	the supplied jig specifies the cutout dimensions	ů).	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	\odot	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)
IK10	protected against 20 joules impact (equivalent to 5.0kg mass dropped from 400mm above the surface)

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