MECHANIQ SQUARE COMFORT SINGLE RECESSED

A35085-

base number Color Finishes Finishes Finishes Finishes Color 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 Single	
Brand: Prolicht	
Division: Architectural	
Mounting Type: Recessed	
Mounting Location: Ceiling	
Subcategory: Downlight	
PHYSICAL	
Shape: Square	
Length (mm): 186	
Length (in): 7 ⁵ / ₁₆	
Width (mm): 186	
Width (in): 7 ⁵ / ₁₆	
Height (mm): 180	
Height (in): $7\frac{1}{16}$	
Ceiling Thickness (mm): 10 / 12.5 / 15	
Ceiling Thickness (in): 3/8 or 1/2 or 9/16	
Min. Recessing Depth (mm): 200	
Min. Recessing Depth (in): 7 1/8	
Light Distribution: Adjustable / Downlight	
Weight (kg): 1.88	
Weight (lbs): 4.14	
Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / COM / ABZ / JAG / OBR / MOS / ROR	
Fixture Material: Aluminum Die Cast	
Cut-out Measurements: 175mm / 6 7/8" x 175mm / 6 7	7/8"
ELECTRICAL	
Lamp Type: LED (Zhaga Standard)	
Total Output Wattage (W): 21.2	
Dimming: Tri-Mode (Non-Dimming and Phase Dimmin and 0-10V Dimming)	ng (120Vac only)
Driver Included: No	
Driver Location: Recessed Housing	
Driver Type: Constant Current - Universal	
Housing: See components	

LED

Number of LEDs: 1

Input Voltage (V): 120 - 277 Constant Current (MA): 700

Color Temperature (°K): 2700 / 3000 / 3500 / 4000	
Max. Delivered Lumen (lm): 1440 / 1490 / 1568 / 1600	
CRI: >90 CRI	
Lamp Life (hrs): 50000	

OPTICAL

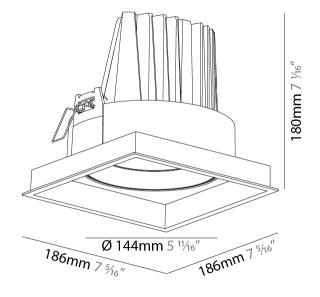
Reflector°: 8 Adjustability: Rotational 355°; Tilt 30°

RATINGS AND CERTIFICATIONS

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

PROJECT			
ТҮРЕ			
SPECIFIER			
QUANTITY			
DATE			







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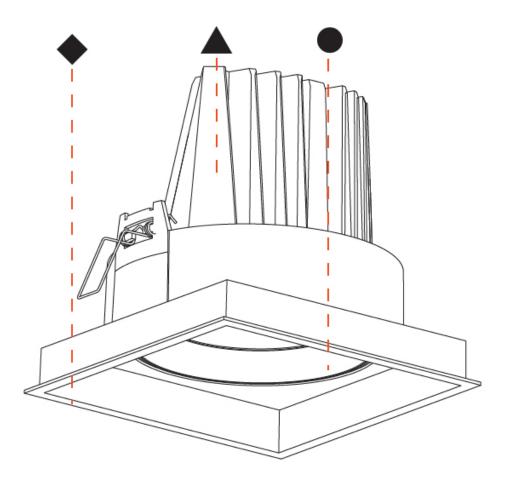
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MECHANIQ SQUARE COMFORT SINGLE RECESSED	
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A35085-

PROJECT			
ТҮРЕ			
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DATE			



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MECHANIQ SQUARE COMFORT SINGLE RECESSED

A35088-

base number	Color	Finishes	Finishes	Finishes	Reflector
	Temperature	(Diamond)	(Triangle)	(Circle)	Options
	Temperature	(Diamond)	(Triangle)	(Circle)	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	aniq Square Comfort Single
Brand: Prolicht	
Division: Archited	tural
Mounting Type: F	Recessed
Mounting Location	on: Ceiling
Subcategory: Dov	wnlight
PHYSICAL	
Shape: Square	
Length (mm): 186	5
Length (in): 7 ⁵ / ₁₆	
Width (mm): 186	
Width (in): 7 ⁵ / ₁₆	
Height (mm): 180)
Height (in): 7 ¹ / ₁₆	
Ceiling Thickness	s (mm): 10 / 12.5 / 15
	s (in): 3/8 or 1/2 or 9/16
Min. Recessing D	epth (mm): 200
Min. Recessing De	epth (in): 7 ⁷ / ₈
Light Distribution	n: 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 /
	/ OBR / MOS / ROR Aluminum Die Cast
	Muminum Die Cast ments: 175mm / 6 7/8" x 175mm / 6 7/8"
ELECTRICAL	
Lamp Type: LED	· · · · · ·
Total Output Wat	
Dimming: Tri-Mo and 0-10V Dimmi	de (Non-Dimming and Phase Dimming (120Vac only) ng)
Driver Included: I	No
	Recessed Housing
	stant Current - Universal
Housing: See con	•
Input Voltage (V):	: 120 - 277

Input Voltage (V): 120 - 277 Constant Current (MA): 1050

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

Adjustability: Rotational 355°; Tilt 30°

RATINGS AND CERTIFICATIONS

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

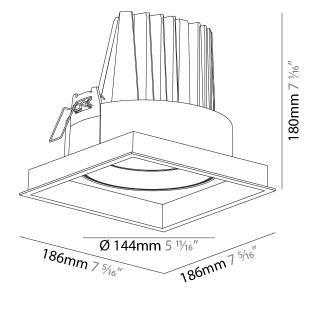
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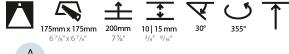
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PROJECT TYPE SPECIFIER QUANTITY DATE







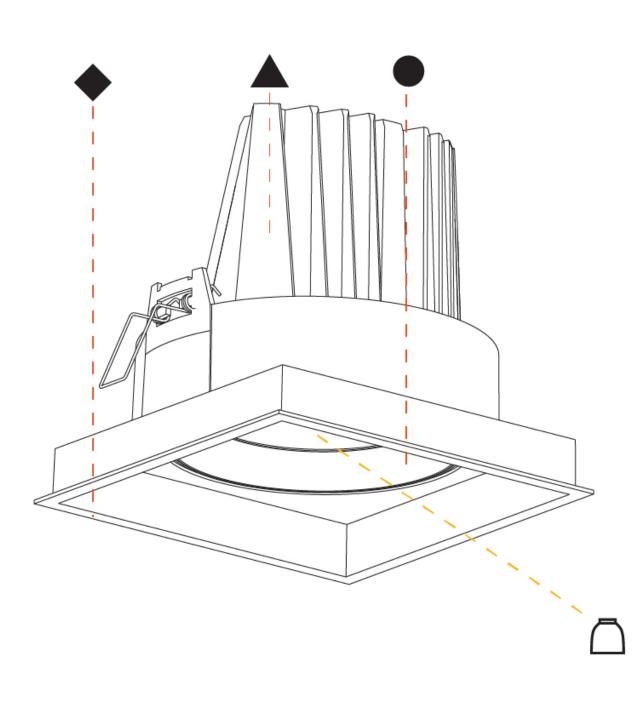
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MECHANIQ SQUARE COMFORT SINGLE RECESSED

PROJECT

TYPE		
SPECIFIER		
QUANTITY		
DATE		

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Driver Class: Class 2 Input Voltage (V): 120 - 277 Constant Current (MA): 1050

Number of LEDs: 1

CRI: >90 CRI Lamp Life (hrs): 50000

OPTICAL

IP rating: IP44

Nominal Lumen (lm): 4240

Reflector°: 12 / 24 / 40 / 58 Adjustability: Rotational 355°; Tilt 30° RATINGS AND CERTIFICATIONS

Color Temperature (°K): 2700 / 3000 / 3500 / 4000

Certified By: Certified for North American Standards

Max. Delivered Lumen (lm): 3694.3(12°)/3431.9(24°)/3401.6(40°)

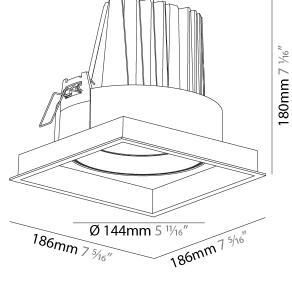
LED

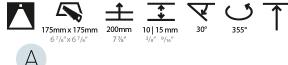
MECHANIO SOUARE COMFORT SINGLE RECESSED

MECH/	ANIQ S	QUARE	COM	FORTS	SINGLI	E RECE	SSED
A35088	-		_	-	-	-	
base number	LED Dimming	Color Temperature	Finishes (Diamond)	Finishes (Triangle)	Finishes (Circle)	Reflector Options	-
the base mo 2. To build a	del # produc manual pro	e in our configi It page duct code on ti lue font and ac	his datashe	et choose fro	m the		
GENERAL							
Series: Mech	aniq Square	e Comfort					
Subseries: M	lechaniq Sq	uare Comfort S	Single				
Brand: Prolie	cht						
Division: Arc							
Mounting Ty							
Mounting Lo		-					1
Subcategory	: Downlight						
PHYSICAL							
Diameter (m	m): 144						
Diameter (in): 5 ¹¹ / ₁₆						
Length (mm): 186						
Length (in):	7 1/16						
Height (mm)	: 180						
Height (in): 7	7 1/16						
Min. Recessi	ng Depth (m	nm): 260					
Min. Recessi	ng Depth (ir	n): 10 ¼					
Light Distrib	ution: Dowr	nlight					
Weight (kg):							
Weight (lbs):							
	FRO / FUP /	/ / CWI / CRY / I KIA / POP / BL MOS / ROR					
Fixture Mate	rial: Alumin	um Die Cast					
Cut-out Mea	surements:	175.00mm / 1	75.00mm				
ELECTRICAL	-						
Lamp Type:	LED (Zhaga	Standard)					
Input Wattag							
Total Output		-					
and 0-10V Di	imming)	n-Dimming and	d Phase Din	nming (120V	ac only)		
Driver Incluc	led: Yes						
Driver Locat							
Driver Type:		urrent - Univer	sal				
Dubican Classe	Clean 2						

PROJECT TYPE SPECIFIER QUANTITY DATE







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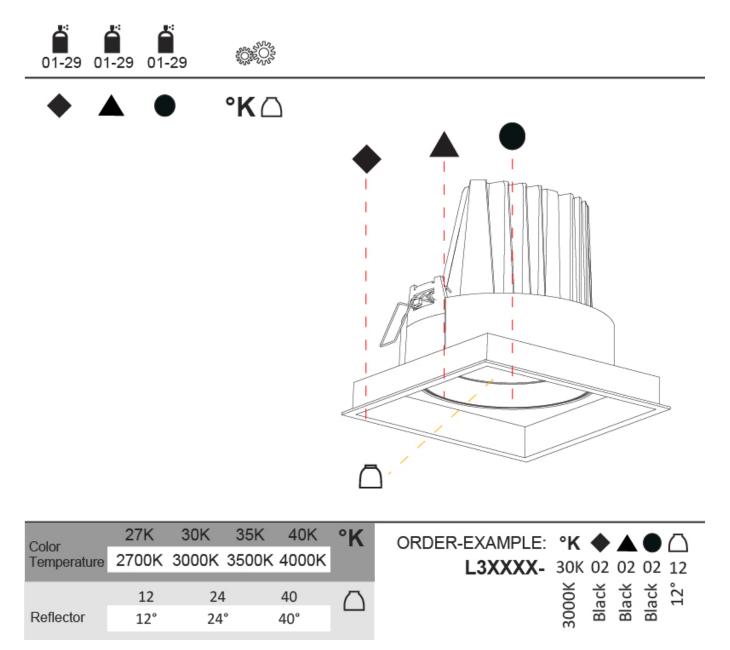


PROJECT
TYPE
SPECIFIER
QUANTITY
DATE

MECHANIQ SQUARE COMFORT SINGLE RECESSED

A35088-

For Color / Finish Chart & Symbology see Appendix or product page downloadable area.



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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+
wall and ceiling: recessed and surface mounted	C	rotating	0	warm dim / natural dimming LED
ceiling-mounted and wall-mounted	Æ	illuminate tilted	Ø	rechargeable battery powered
wall-mounted	T	color of suspension cable		fixture with natural vivid LED (upon request)
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)
indirect light distribution	Å	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	318	marine grade (AISI 316 stainless steel)
round wall or ceiling cut-out	\odot	integrated shine ring with diffuser	٢	walk on
square wall or ceiling cut-out	Ċ	free individual colors 01-29		drive on
the supplied jig specifies the cutout dimensions	Ċ	individual colors: 00 (free of charge), 01-25 (extra charge)	O 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
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)		acoustic material
(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
separately switchable	\odot	indirect diffuser		ETL Certified to UL and CSA Standards
sensor	D	direct diffuser	c (U) us	UL Certified to UL and CSA Standards
remote control	$\boldsymbol{\Theta}$	ball-proof (upon request)	S .	CSA Certified to UL and CSA Standards
available upon request	U	accessory	Z	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 separately switchable sensor remote control	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 aura light distribution square 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 included or excluded LED driver/transformer/ control gear separately switchable sensor	wall and ceiling: recessed and surface mounted rotating reciling-mounted and wall-mounted illuminate tilted wall-mounted illuminate tilted omni-directional light distribution iength of suspension cable indirect light distribution indirect light distribution direct/indirect light distribution isuper spot indirect light distribution indirect light distribution asymmetric light distribution integrated shine ring round wall or ceiling cut-out integrated shine ring with diffuser square wall or ceiling cut-out integrated shine ring with diffuser square wall or ceiling cut-out individual colors 01-29 the supplied jig specifies the cutout dimensions individual colors 01-29 minimum distance (meters) lamp - object luminaire part to be colored (F1) recessed depth iuminaire part to be colored (F2) ceiling thickness selection luminaire part to be colored (F3) ceiling thickness selection iuminaire part to be colored (F5) included or excluded LED driver/transformer/ control gear color of 3-circuit adaptor separately switchable indirect diffuser sensor iuminaire part (pupon request)	wall and ceiling: recessed and surface mounted Image: colored supersion cable Image: colored supersion cable wall-mounted Image: colored supersion cable Image: colored supersion cable Image: colored supersion cable omni-directional light distribution Image: colored supersion cable Image: colored supersion cable Image: colored supersion cable direct light distribution Image: colored supersion cable Image: colored supersion cable Image: colored supersion cable direct/indirect light distribution Image: colored supersion cable Image: colored supersion cable Image: colored supersion cable asymmetric light distribution Image: colored supersion cable Image: colored supersion cable Image: colored supersion cable aura light distribution Image: colored supersion cable Image: colored supersion cable Image: colored supersion cable Image: colored supersion cable aura light distribution Image: colored supersion cable Image: c

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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September 26, 2024, 1:20 pm