	LE TRIMLESS QUANTITY DATE
A35025	-
base number LED Color Finishes Finishes Finishes	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): 9 ¼	
Width (mm): 131	
Width (in): 5 ³ / ₁₆	
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 ½	
Light Distribution: Adjustable / Downlight	
Weight (kg): 1.637	
Weight (lbs): 3.60	
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: 252mm / 9 15/16" x 135mm / 5 5/16"	
Upon Request: Unique Ceiling Thickness	
	MARTIN
Lamp Type: LED (Zhaga Standard)	A A A A A A A A A A A A A A A A A A A
Input Wattage (W): 26.4 / 33	// WIDING HAM ITTITIC CONTINUE
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	27mm
Driver Location: Recessed Housing	
Driver Type: Constant Current - Universal	
Driver Class: Class 2	
Housing: See components	
Input Voltage (V): 120 - 277	
Constant Current (MA): 350	$\frac{235 \text{mm } 9 1/4''}{249} \overline{\emptyset} \text{ 99 mm } 3 \frac{7/8''}{78} \text{ and } 4^{5/8''}$
LED	$\frac{235 \text{mm 9 } \frac{1}{248}}{302 \text{mm 11 } \frac{7}{8}} = \frac{131 \text{mm 5}}{131 \text{mm 5}}$
Number of LEDs: 2	$\frac{248mm9_{34''}}{302m} = \frac{118mm}{3} \frac{1}{3} \frac{1}{3}$
Color Temperature (°K): 2700 / 3000 / 3500 / 4000	$302mm \frac{11}{78''}$ 131mm 53/16
Max. Delivered Lumen (lm): 1670 / 1860 / 2009 / 2050	~~mm 11 7/ // 21mm
CRI: >90 CRI	
amp Life (hrs): 50000	
Lamp Life (hrs): 50000	
Upon Request: Special Color Temperature RGB-W Tunable White	
Upon Request: Special Color Temperature RGB-W Tunable White Special LED	$\square \bigtriangleup \pm \pm \lor \lor \lor \top$
Upon Request: Special Color Temperature RGB-W Tunable White Special LED OPTICAL	$\sum_{252mm x \ 135mm} \stackrel{\frown}{\longrightarrow} 10 \ 12 \ 12 \ 15 \ 125mm} \xrightarrow{30^\circ} \stackrel{\frown}{\longrightarrow} \stackrel{\frown}{\longrightarrow} \stackrel{\frown}{\longrightarrow}$
Upon Request: Special Color Temperature RGB-W Tunable White Special LED	$ \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \end{array}\\ \end{array}\\ \end{array} \\ 252mm x 135mm\\9^{15}/w^{2} x 5^{5}/w^{2} \end{array} \xrightarrow{140mm}\\5^{1}/x^{2} \end{array} \\ \begin{array}{c} \end{array} \\ 10 12 \frac{12}{15} 15 25mm\\\frac{3}{4^{a'}} \frac{1}{1^{a'}} \\ \end{array} \\ \begin{array}{c} \end{array} \\ \end{array} \\ \begin{array}{c} \end{array} \\ \begin{array}{c} \end{array} \\ \end{array} $ \left(\begin{array}{c} \end{array} \\ \end{array} \\ \end{array} \\ \end{array} \left(\begin{array}{c} \end{array} \\ \end{array} \\ \end{array} \\ \end{array} \\ \end{array} \\ \end{array} \\ \end{array} \left(\begin{array}{c} \end{array} \\ \end{array} \\ \end{array} \\ \end{array} \\ \end{array} \\ \end{array} \\ \left(\begin{array}{c} \end{array} \\ \left(\begin{array}{c} \end{array} \\ \end{array} \\ \end{array} \\ \end{array} \\ \end{array} \left(\begin{array}{c} \end{array} \\ \end{array} \\ \end{array} \\ \end{array} \\ \end{array} \left(\begin{array}{c} \end{array} \\ \end{array} \\ \end{array} \\ \end{array} \\ \end{array} \\ \end{array} \left(\begin{array}{c} \end{array} \\ \end{array} \left(\begin{array}{c} \end{array} \\ \end{array} \\ \end{array} \\ \end{array} \left(\begin{array}{c} \end{array} \\ \end{array} \\ \end{array} \\ \end{array} \left(\begin{array}{c} \end{array} \\ \end{array} \\ \end{array} \\ \end{array} \left(\begin{array}{c} \end{array} \\ \end{array} \\ \end{array} \\ \end{array} \left(\begin{array}{c} \end{array} \\ \end{array} \\ \end{array} \\ \end{array} \\ \end{array} \left(\begin{array}{c} \end{array} \\ \end{array} \\ \end{array} \\ \end{array} \left(\begin{array}{c} \end{array} \\ \end{array} \\ \end{array} \\ \end{array} \left(\end{array} \\ \end{array} \left) \\ \end{array} \left(\\ \end{array} \left(\end{array} \\ \end{array} \left) \\ \end{array} \left(\\ \end{array} \left) \\ \end{array} \left(\\ \end{array} \left(\\ \end{array} \left) \\ \end{array} \left(\\ \end{array} \left) \\ \end{array} \left(\\ \end{array} \left) \\ \end{array} \left(\end{array} \\ \end{array} \left) \\ \end{array} \left(\\ \end{array} \left) \\ \left(\\ \end{array} \left) \\ \end{array} \left(\end{array} \\ \end{array} \left) \\ \end{array} \left(\\ \end{array} \left) \\ \end{array} \left) \\ \end{array} \left(\\ \end{array} \left) \\

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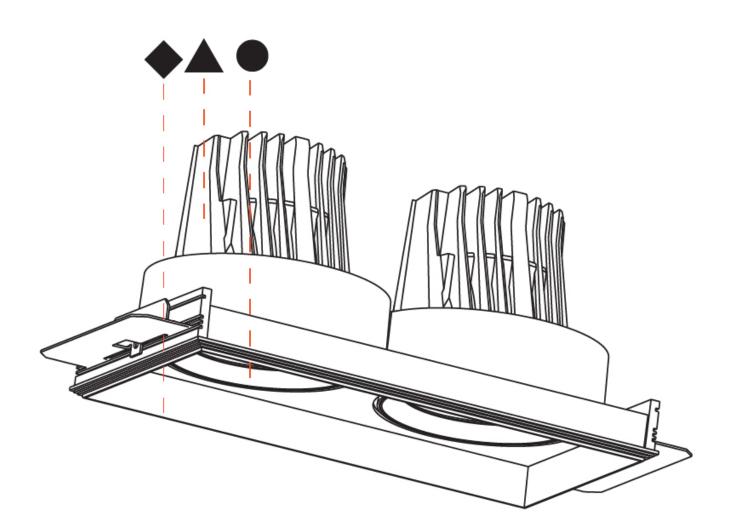
Page 1/18

ТҮРЕ			
SPECIFIER			
QUANTITY			
DATE			

TYPE		
SPECIFIER		
QUANTITY		
DATE		

MECHANIQ SQUARE COMFORT DOUBLE TRIMLESS

A35025-



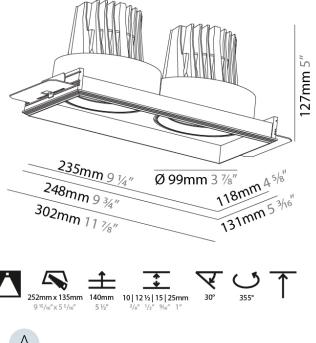
MECHANIQ SQUARE COMFORT DOUBLE TRIMLESS

PROJECT TYPE SPECIFIER QUANTITY DATE

Λ	35	1	2	Q_

A35028	3-		-	-	-	-	-
base number	LED	Color	Finishes	Finishes	Finishes	Ceiling	Reflector
	Dimming	Temperature	(Diamond)	(Triangle)	(Circle)	Thickness	Options
1 To build a	product code	e in our confiqu	rator select	the specify h	outton on		
the base mo		0		the speeny c			
		duct code on th					
options liste	d below in bl	ue font and ad	d the suffix i	to the base n	nodel #		
GENERAL							
Series: Mech	aniq Square	Comfort					
Subseries: M	echaniq Squ	uare Comfort D	ouble				
Brand: Prolie	cht						
Division: Arc	hitectural						
Mounting Ty	pe: Trimless	i					
Mounting Lo		ng					
Subcategory	: Downlight						
PHYSICAL							
Shape: Recta	angle						
Diameter (m	m): 99						
Diameter (in): 3 1/8						
Length (mm): 249						
Length (in): 9	9 ¹³ / ₁₆						
Width (mm):	131						
Width (in): 5	2						
Height (mm)							
Height (in): 5							
		10 / 12.5 / 15 /	25				
		8 or 1/2 or 9/10					
Min. Recessi	ng Depth (m	m): 140					
Min. Recessi	ng Depth (in): 5 ½					
Light Distrib	ution: Down	light					
Weight (kg):	1.637						
Weight (lbs):	3.61						
Fixture Finis	h: SSR / BKV	/ CWI / CRY / H	IAB / UFT / I	TA / RUA / F	TG / MYG /		
		KIA / POP / BLS	S / SPG / ME	Y/GOH/GU	M / CHC /		
COM / ABZ /							
Fixture Mate			1.01 1.05	. /			
		252mm / 9 15/.		n / 5 5/16"			
Upon Reque	st: Unique C	eiling Thickne	SS				
ELECTRICAL	-						
Lamp Type:		Standard)					
Input Wattag	ge (W): 58.3						
Total Output							
0		I-Dimming and	Phase Dim	ming (120Va	ic only)		
and 0-10V Di Driver Incluc							<
Driver Locat		d Housing					4
		irrent - Univers					
Driver Class:		intent - onivers	δαι				
Housing: See		ts					
Input Voltag							
Constant Cu							_
LED							
Number of L		0700 / 0700 / 1					
		2700 / 3000 / 3		70			
	ed Lumen (li	m): 4430 / 4540	0 / 4773 / 48	/U			
CRI: >90 CRI	rc). E0000						
Lamp Life (h		uluu r a i	DOD	Translation 1			
Upon Reque	st: Special C	olor Temperat	ure RGB-W	i unable Wh	ite		





Reflector°: 18 / 26 / 40 Adjustability: Rotational 355°; Tilt 30°

Special LED

OPTICAL

Upon Request: Special Beam Angles

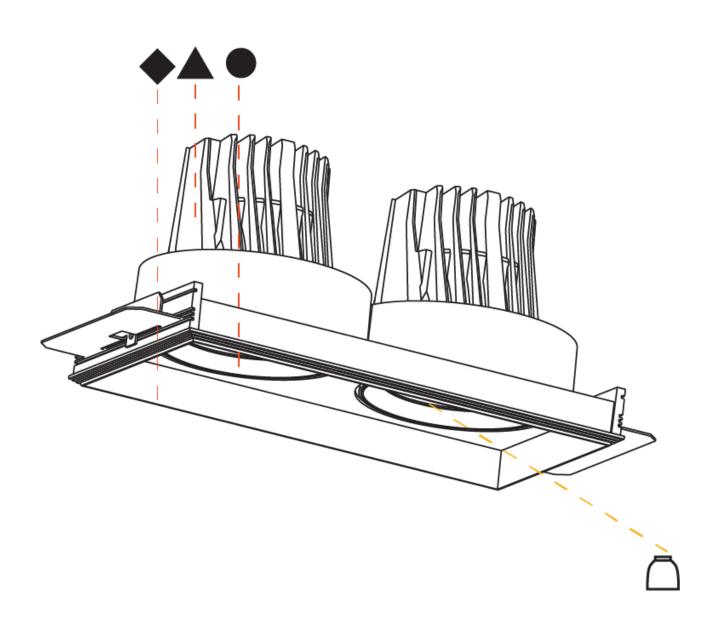
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TYPE		
SPECIFIER		
QUANTITY		
DATE		-

MECHANIQ SQUARE COMFORT DOUBLE TRIMLESS

A35028-



MECHANIQ SQUARE COMFORT DOUBLE TRIMLESS

Ceiling

Thickness

PROJECT			
TYPE			
SPECIFIER			
QUANTITY			
DATE			

A3	503	1-
base	number	LED

base number	LED	Color	Finishes	Finishes	Finishes
	Dimming	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 Double
Brand: Prolicht
Division: Architectural
Mounting Type: Trimless
Mounting Location: Ceiling
Subcategory: Downlight
PHYSICAL
Shape: Rectangle
Diameter (mm): 144
Diameter (in): $5^{11}/_{16}$
Length (mm): 347
Length (in): 13 ¹¹ / ₁₆
Width (mm): 166
Width (in): 6 %
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): $7\frac{1}{8}$
Light Distribution: Downlight
Weight (kg): 3.944
Weight (lbs): 8.70
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: 350mm / 13 3/4" x 185mm / 7 5/16"
Upon Request: Unique Ceiling Thickness
Lamp Type: LED (Zhaga Standard)
Input Wattage (W): 46.3
Total Output Wattage (W): 42
Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming)
Driver Included: Yes
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: 2
Color Temperature (°K): 2700 / 3000 / 3500 / 4000
Max. Delivered Lumen (lm): 2870 / 2980 / 3136 / 3200

Color Temperature (°K): 2700 / 3000 / 3500 / 4000
Max. Delivered Lumen (lm): 2870 / 2980 / 3136 / 3200
Nominal Lumen (lm): 3330lm
CRI: >90 CRI
Lamp Life (hrs): 50000
Upon Request: Special Color Temperature RGB-W Tunable White Special LED

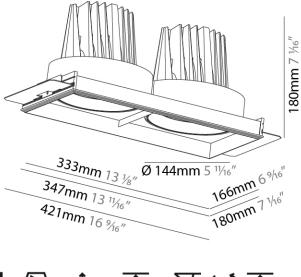
OPTICAL

Reflector°: 8 Adjustability: Rotational 355°; Tilt 30° Upon Request: Special Beam Angles

สัสรากดิ์รามาDCEสราร์สราวกรร-3382, F 416-247-9319, www.zaneen.com

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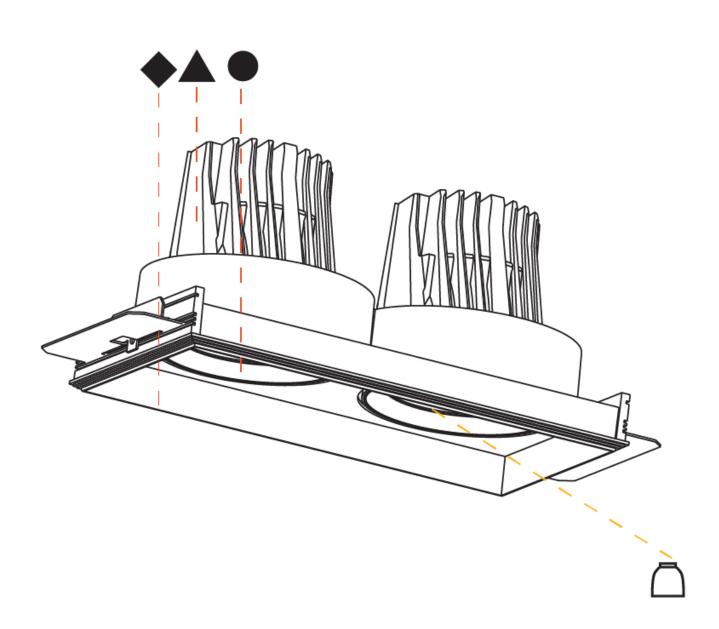




June 29, 2024, 6:31 am

MECHANIQ SQUARE COMFORT DOUBLE TRIMLESS

A35031-



MECHANIQ SQUARE COMFORT DOUBLE TRIMLESS

(Triangle)

Finishes

(Circle)

Reflector

Finishes

PROJECT TYPE SPECIFIER QUANTITY DATE

1. To build a product code in our configurator select the specify button on
the hand and deliver during the second

Temperature (Diamond)

Color

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

LED

Dimming

0211211	
Corioci	Mack

A35034-

base number

Series: Mechaniq Square Comfort
Subseries: Mechaniq Square Comfort Double
Brand: Prolicht
Division: Architectural
Mounting Type: Trimless
Mounting Location: Ceiling
Subcategory: Downlight
PHYSICAL
Shape: Rectangle
Diameter (mm): 144
Diameter (in): $5^{11}/_{16}$
Length (mm): 347
Length (in): 13 $^{11}/_{16}$
Width (mm): 168
Width (in): 6 ⁵ / ₈
Height (mm): 180
Height (in): 7 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 1/8
Light Distribution: Downlight
Weight (kg): 3.944
Weight (lbs): 8.70
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: 350mm x 185mm
Upon Request: Unique Ceiling Thickness
ELECTRICAL
Lamp Type: LED (Zhaga Standard)
Input Wattage (W): 93.4
Total Output Wattage (W): 83.8
Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only)
and 0-10V Dimming)
Driver Included: Yes
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

Max. Delivered Lumen (lm): 8070 / 8260 / 8673 / 8850
Max. Delivered Lumen (iii). 6010 / 8200 / 8013 / 8850
CRI: >90 CRI
Lamp Life (hrs): 50000
Upon Request: Special Color Temperature RGB-W Tunable Whi Special LED

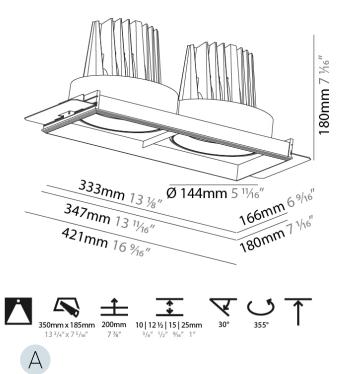
Reflector°: 12 / 24 / 40

Upon Request: Special Beam Angles

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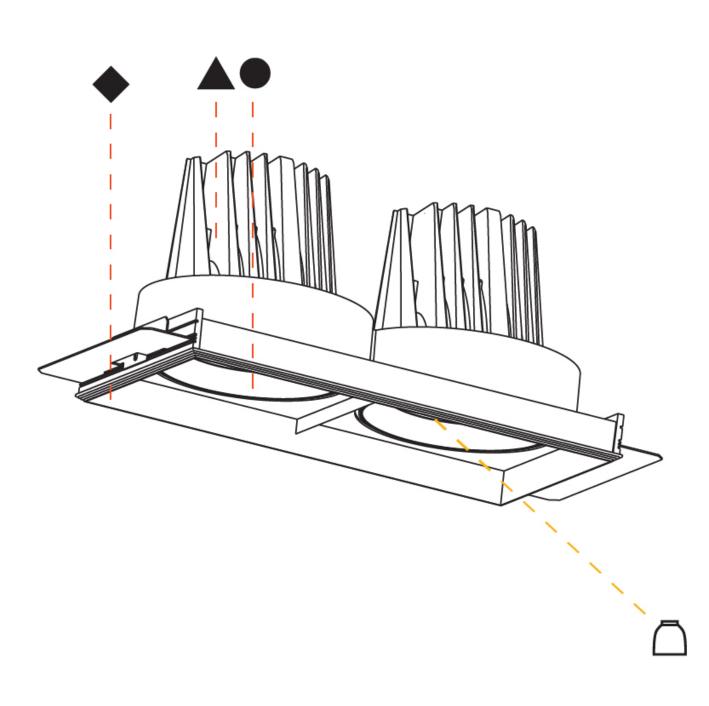


PROJECT

TYPE
SPECIFIER
QUANTITY
DATE

MECHANIQ SQUARE COMFORT DOUBLE TRIMLESS

A35034-



MECHANIQ SQUARE COMFORT DOUBLE

RECESSED

A35091-

base number	Color	Finishes	Finishes	Finishes
	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

Series: Mechanic Square Comfort

Series: Mechaniq Square Comfort
Subseries: Mechaniq Square Comfort Double
Brand: Prolicht
Division: Architectural
Mounting Type: Recessed
Mounting Location: Ceiling
Subcategory: Downlight
PHYSICAL
Shape: Rectangle
Length (mm): 253
Length (in): 9 ¹⁵ / ₁₆
Width (mm): 134
Width (in): 5 1/4
Height (mm): 127
Height (in): 5
Ceiling Thickness (mm): 10 / 12.5 / 15
Ceiling Thickness (in): 3/8 or 1/2 or 9/16
Min. Recessing Depth (mm): 160
Min. Recessing Depth (in): 6 $\frac{5}{16}$
Light Distribution: Adjustable / Downlight
Weight (kg): 1.535
Weight (lbs): 3.38
Installation Requirement: Requires 2 Housings - See Components
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: 242mm / 9 1/2" x 125mm / 4 15/16"

ELECTRICAL

Lamp Type: LED (Zhaga Standard)
Input Wattage (W): 26.4 / 33
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
Driver Type: Constant Current - Universal
Housing: See components
Input Voltage (V): 120
Constant Current (MA): 350

LED

Number of LEDs: 2

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

Max. Delivered Lumen (lm): 1670 / 1860 / 2010 / 2050 CRI: >90 CRI

Lamp Life (hrs): 50000

OPTICAL

Reflector°: 8

Adjustability: Rotational 355°; Tilt 30°

RATINGS AND CERTIFICATIONS

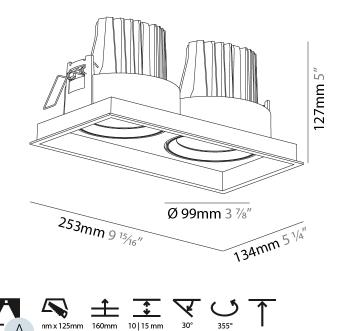
Certified By: Certified for North American Standards

IP rating: IP30

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PROJECT	
ТҮРЕ	
SPECIFIER	
QUANTITY	
DATE	





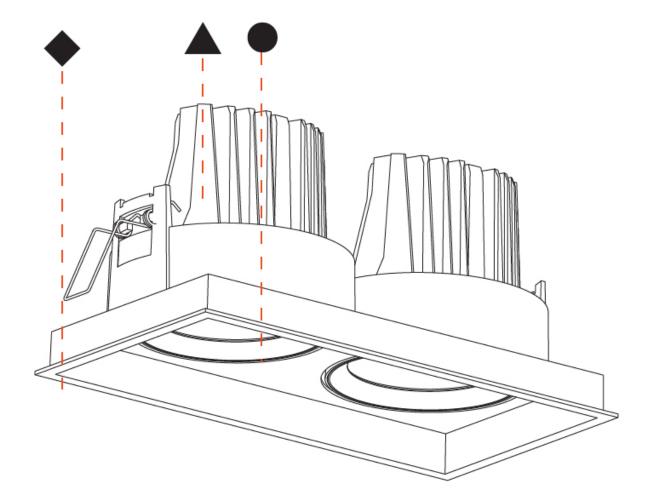
MECHANIQ SQUARE COMFORT DOUBLE

RECESSED

A35091-

PROJECT

PROJECT			
ТҮРЕ			
SPECIFIER			
QUANTITY			
DATE			



MECHANIQ SQUARE COMFORT DOUBLE

RECESSED

A35094-

base number	Color	Finishes	Finishes	Finishes	Reflector
	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

Series: Mechaniq Square Comfort
Subseries: Mechaniq Square Comfort Double
Brand: Prolicht
Division: Architectural
Mounting Type: Recessed
Mounting Location: Ceiling
Subcategory: Downlight
PHYSICAL
Shape: Rectangle
Length (mm): 253
Length (in): 9 ¹⁵ / ₁₆
Width (mm): 134
Width (in): 5 ¹ / ₄
Height (mm): 127
Height (in): 5
Ceiling Thickness (mm): 10 / 12.5 / 15
Ceiling Thickness (in): 3/8 or 1/2 or 9/16
Min. Recessing Depth (mm): 160
Min. Recessing Depth (in): 6 $\frac{5}{16}$
Light Distribution: Adjustable / Downlight
Weight (kg): 1.535
Weight (lbs): 3.38
Installation Requirement: Requires 2 Housings - See Components
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

ELECTRICAL

Lamp Type: LED (Zhaga Standard)
Total Output Wattage (W): 52.8
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
Housing: See components
Input Voltage (V): 120 - 277
Constant Current (MA): 700

LED

Number of LEDs: 2
Color Temperature (°K): 2700 / 3000 / 3500 / 4000
Max. Delivered Lumen (lm): 4071 / 4295 / 4670 / 4808
CRI: >90 CRI
Lamp Life (hrs): 50000
OPTICAL

Reflector^o: 18 / 26 / 40

Adjustability: Rotational 355°; Tilt 30°

RATINGS AND CERTIFICATIONS

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

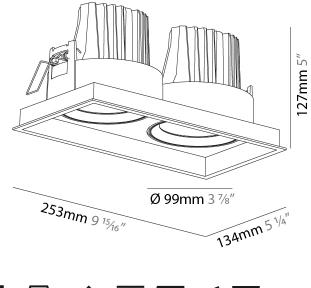
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PROJECT

PROJECT			
TYPE			
SPECIFIER			
QUANTITY			
DATE			







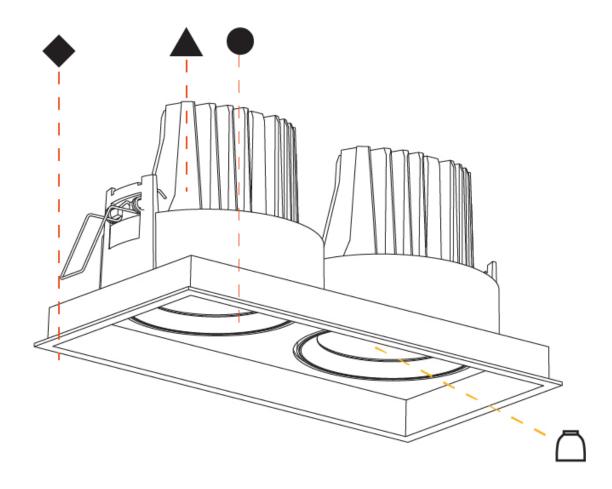
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MECHANIQ SQUARE COMFORT DOUBLE

RECESSED

A35094-

PROJECT			
TYPE			
SPECIFIER			
QUANTITY			
DATE			



MECHANIQ SQUARE COMFORT DOUBLE

RECESSED

A35097-

base number	Color	Finishes	Finishes	Finishes
	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

Series: Mechaniq Square Comfort
Subseries: Mechaniq Square Comfort Double
Brand: Prolicht
Division: Architectural
Mounting Type: Recessed
Mounting Location: Ceiling
Subcategory: Downlight
PHYSICAL
Shape: Rectangle
Length (mm): 353
Length (in): 13 $\frac{7}{8}$
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 Depth (mm): 200
Min. Recessing Depth (in): 7 $\frac{7}{8}$
Light Distribution: Adjustable / Downlight
Weight (kg): 3.671
Weight (lbs): 8.093
Installation Requirement: Requires 2 Housings - See Components
Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MY LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / GUM / CHO

COM / ABZ / JAG / OBR / MOS / ROR Fixture Material: Aluminum Die Cast

c	ut-o	ut	Moas	uror	nont	312	mm / 137	7/16" v	175mm	/67/8"	

ELECTRICAL

Lamp Type: LED (Zhaga Standard)
Total Output Wattage (W): 21
Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming)
Driver Location: Recessed Housing
Driver Type: Constant Current - Universal
Housing: See components
Input Voltage (V): 120 - 277
Constant Current (MA): 700

LED

Number of LEDs: 2
Color Temperature (°K): 2700 / 3000 / 3500 / 4000
Max. Delivered Lumen (lm): 2870 / 2980 / 3136 / 3200
CRI: >90 CRI
Lamp Life (hrs): 50000
OPTICAL

Reflector°: 8

Adjustability: Rotational 355°; Tilt 30°

RATINGS AND CERTIFICATIONS

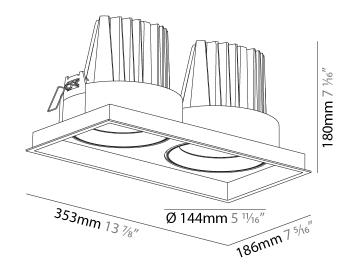
Certified By: Certified for North American Standards IP rating: IP20

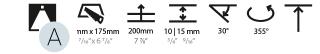
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PROJECT		
ТҮРЕ		
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DATE		
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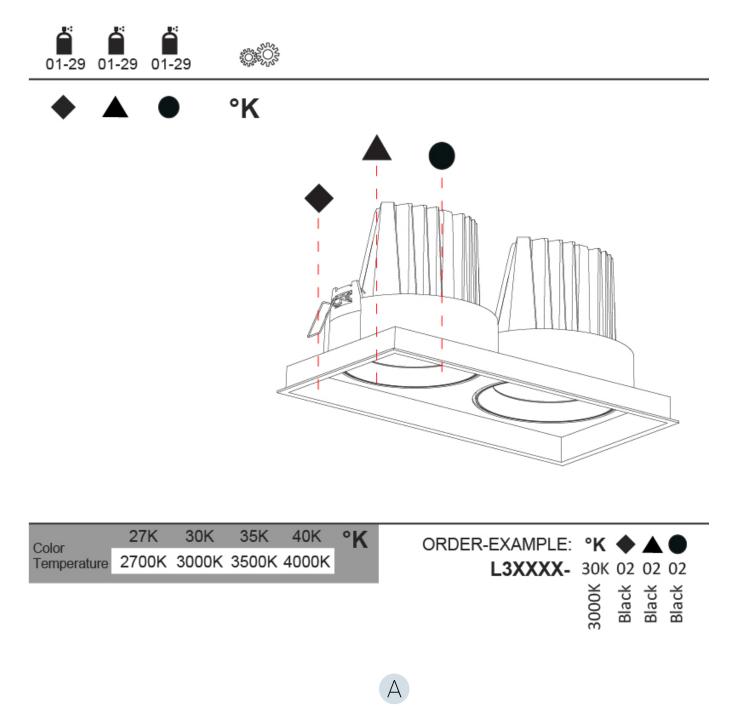
MECHANIQ SQUARE COMFORT DOUBLE

RECESSED

A35097-

PROJECT		
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SPECIFIER		
QUANTITY		
DATE		

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



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MECHANIQ SQUARE COMFORT DOUBLE

RECESSED

A35100-

base number	Color	Finishes	Finishes	Finishes	Reflector
	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

Series: Mechaniq So	juare Comfort
Subseries: Mechani	q Square Comfort Double
Brand: Prolicht	
Division: Architectu	ral
Mounting Type: Rec	essed
Mounting Location:	Ceiling
Subcategory: Down	light
PHYSICAL	
Shape: Rectangle	
Length (mm): 353	
Length (in): 13 $\frac{7}{8}$	
Width (mm): 186	
Width (in): 7 ⁵ / ₁₆	
Height (mm): 180	
Height (in): 7 ¹ / ₁₆	
Ceiling Thickness (n	nm): 10 / 12.5 / 15
Ceiling Thickness (in	n): 3/8 or 1/2 or 9/16
Min. Recessing Dept	:h (mm): 200
Min. Recessing Dept	:h (in): 7 1/8
Light Distribution: A	djustable / Downlight
Weight (kg): 3.671	
Weight (lbs): 8.093	
Installation Require	ment: Requires 2 Housings - See Components
	' BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG JP / KIA / POP / BLS / SPG / MEY / GOH / GUM / CHC /

COM / ABZ / JAG / OBR / MOS / ROR Fixture Material: Aluminum Die Cast

Fixture Material: Alui	Innum Die Cast
Cut-out Measuremen	ts: 342mm / 13 7/16" x 175mm / 6 7/8"

ELECTRICAL

Total Output Wattage (W): 83.8 Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only)
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
Housing: See components
Input Voltage (V): 120 - 277
Constant Current (MA): 1050

LED

Number of LEDs: 2
Color Temperature (°K): 2700 / 3000 / 3500 / 4000
Max. Delivered Lumen (lm): 8070 / 8260 / 8673 / 8850
CRI: >90 CRI
Lamp Life (hrs): 50000
OPTICAL

Reflector°: 12 / 24 / 40

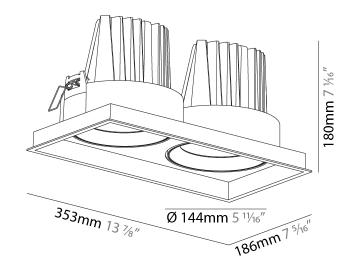
RATINGS AND CERTIFICATIONS

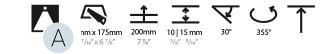
Certified By: Certified for North American Standards IP rating: IP20

QUANTITY

PROJECT TYPE SPECIFIER DATE







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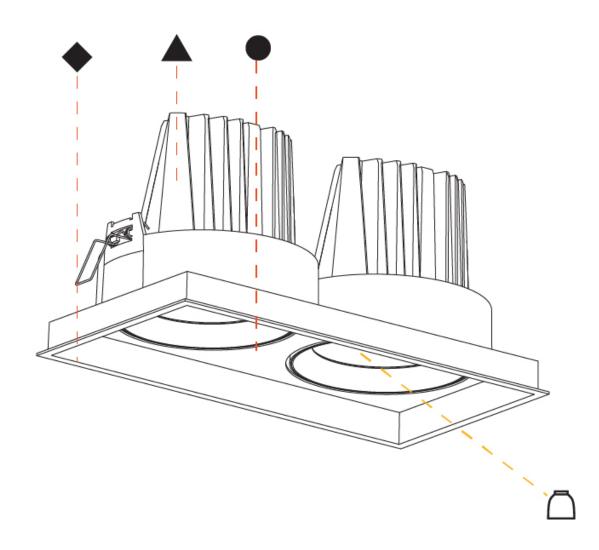
MECHANIQ SQUARE COMFORT DOUBLE

RECESSED

A35100-

PROJECT

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TYPE			
SPECIFIER			
QUANTITY			
DATE			



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

<u>↓</u>	floor-mounted	¥	pivotable	*	special LED (upon request) RGB, RGBW, tunable, gold+, meat+, art+, fashion+
7	wall and ceiling: recessed and surface mounted	3	rotating	0	warm dim / natural dimming LED
Î	ceiling-mounted and wall-mounted	Œ	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
À	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
À	aura light distribution	0	shine ring	310	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	Ó	free individual colors 01-29	۲	drive on
d d	the supplied jig specifies the cutout dimensions	Ċ	individual colors: 00 (free of charge), 01-25 (extra charge)	DSC	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
	dimmable DP (phase), DV (0-10V), DD (dali), DS (step-dim)		luminaire part to be colored (F5)		protection class I, protection insulation
6	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 リ	sensor	D	direct diffuser	c (U) us	UL Certified to UL and CSA Standards
Ĩ	remote control	$\boldsymbol{\Theta}$	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
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)
IK09	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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