ZANEEN®

MECHANIQ SQUARE COMFORT SINGLE RECESSED

A35079- __ - __ - __ - __

| base number | Color Temperature | Finishes (Diamond) | Finishes (Triangle) | Finishes (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 Single
Brand: Prolicht
Division: Architectural
Mounting Type: Recessed
Mounting Location: Ceiling
Subcategory: Downlight

PHYSICAL

Shape: Square
Length (mm): 134
Length (in): 5 1/4
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 5/16
Light Distribution: Adjustable / Downlight
Weight (kg): 0.8
Weight (lbs): 1.76
Fixture Finish: SSR / BKV / CWI / CRY / HAB / LAG / UFT / ITA / RUA / RUR / MIC / FTG / MYG / TWT / 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: 125mm / 4 5/16" x 125mm / 4 5/16"

ELECTRICAL

Lamp Type: LED (Zhaga Standard)
Total Output Wattage (W): 12 / 15
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
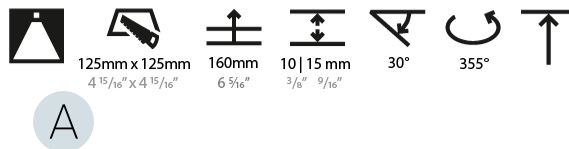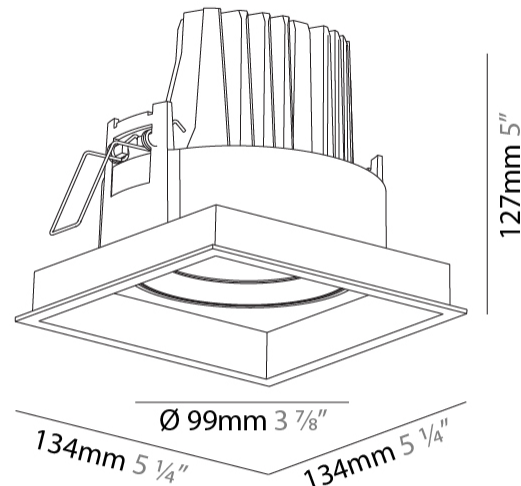Input Voltage (V): 120 - 277
Constant Current (MA): 350

LED

Number of LEDs: 1
Color Temperature (°K): 2700 / 3000 / 3500 / 4000
Max. Delivered Lumen (lm): 830 / 930 / 1010 / 1030
CRI: >90 CRI
Lamp Life (hrs): 50000

OPTICAL

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

RATINGS AND CERTIFICATIONS
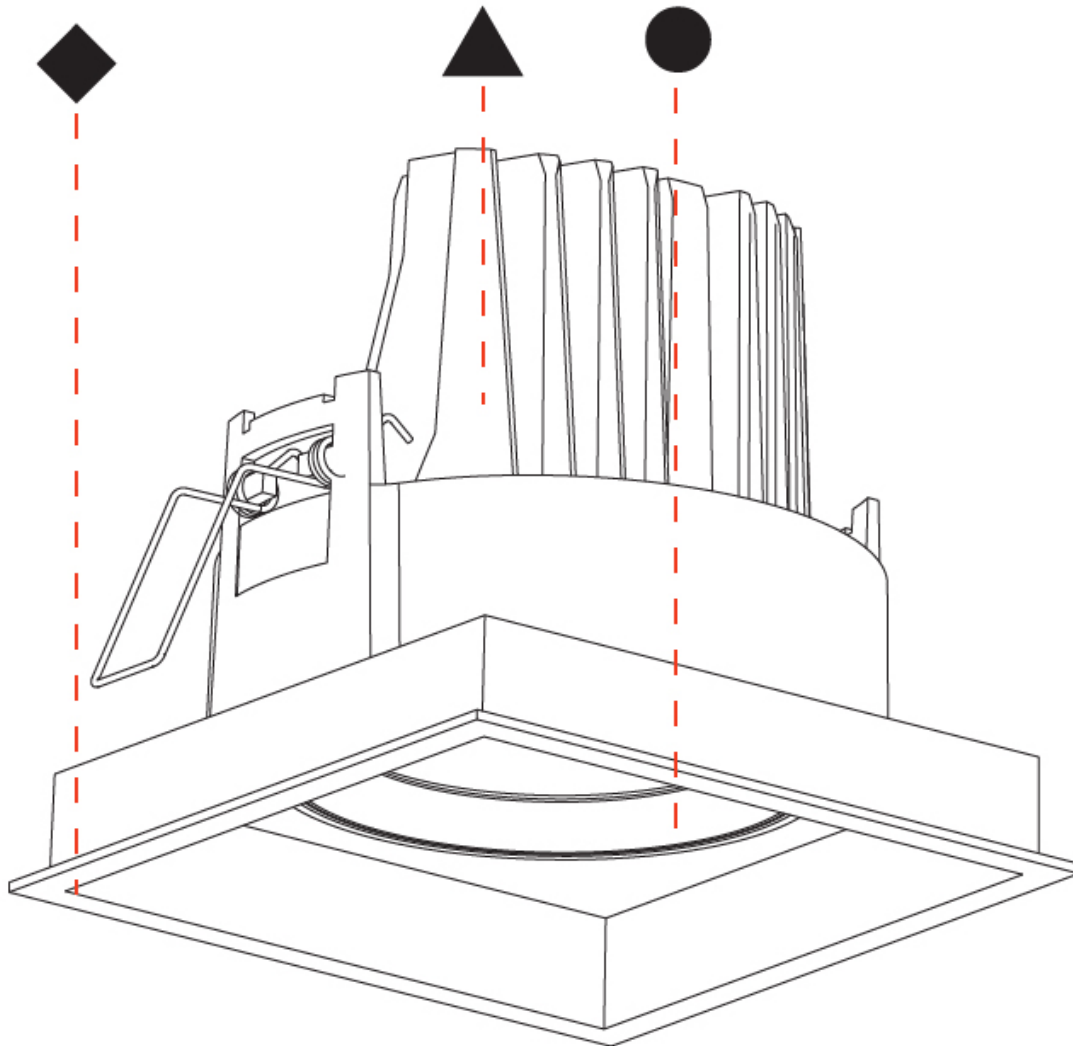
Certified By: Certified for North American Standards
IP rating: IP20

127mm 5"

Ø 99mm 3 7/8"
134mm 5 1/4"
134mm 5 1/4"

125mm x 125mm
4 15/16" x 4 15/16"

160mm
6 5/16"

10 | 15 mm
3/8" 9/16"

30°

355°

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June 25, 2024, 10:50 am

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MECHANIQ SQUARE COMFORT SINGLE RECESSED

A35079-

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June 25, 2024, 10:50 am

ZANEEN®

MECHANIQ SQUARE COMFORT SINGLE RECESSED

A35082- ___ - ___ - ___ - ___ - ___

| 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
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): 134
Length (in): 5 1/4
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 5/16
Light Distribution: Adjustable / Downlight
Weight (kg): 0.8
Weight (lbs): 1.76
Fixture Finish: SSR / BKV / CWI / CRY / HAB / LAG / UFT / ITA / RUA / RUR / MIC / FTG / MYG / TWT / 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: 125mm / 4 5/16" x 125mm / 4 5/16"

ELECTRICAL
Lamp Type: LED (Zhaga Standard)
Total Output Wattage (W): 26.4
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
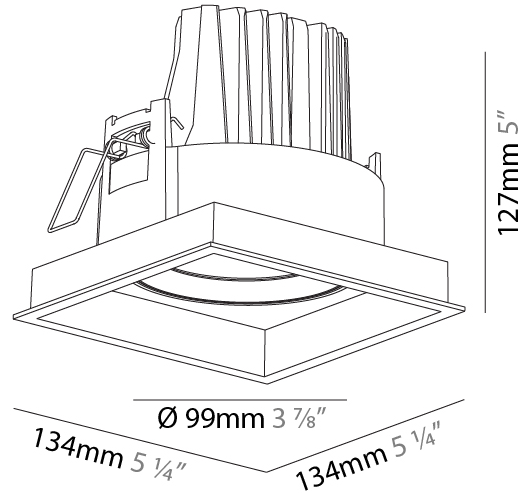Input Voltage (V): 120 - 277
Constant Current (MA): 700

LED
Number of LEDs: 1
Color Temperature (°K): 2700 / 3000 / 3500 / 4000
Max. Delivered Lumen (lm): 2960 / 3030 / 3185 / 3250
CRI: >90 CRI
Lamp Life (hrs): 50000

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

RATINGS AND CERTIFICATIONS
Certified By: Certified for North American Standards
IP rating: IP20
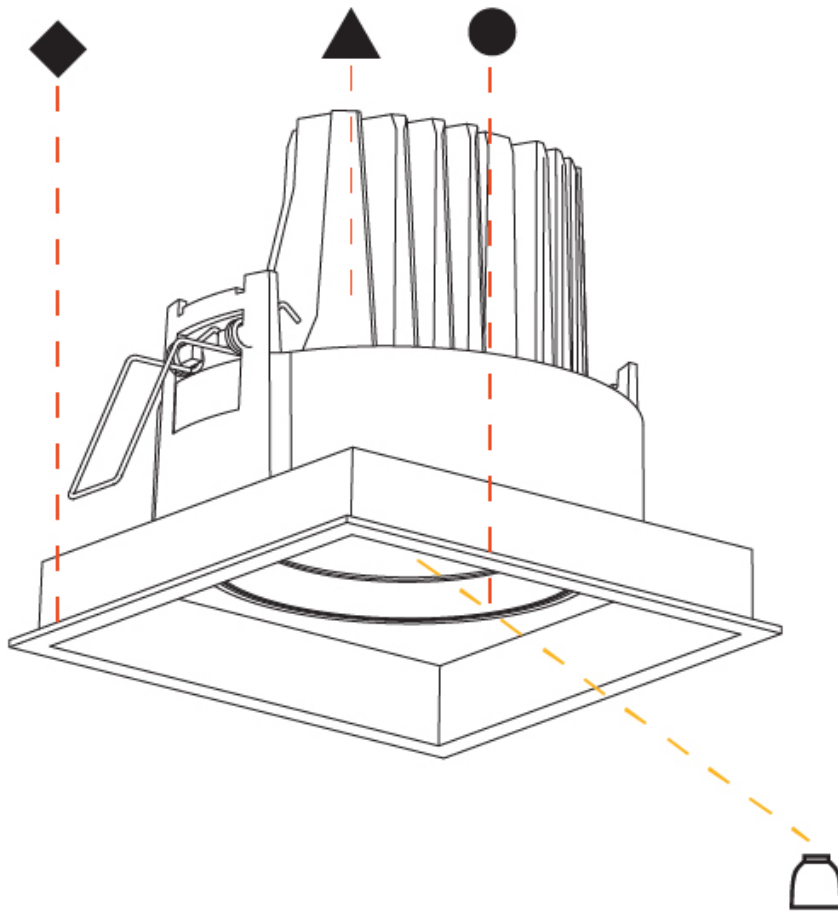

127mm 5"
Ø 99mm 3 7/8"
134mm 5 1/4"
134mm 5 1/4"

125mm x 125mm 4 15/16" x 4 15/16"   160mm 6 5/16"   10 | 15 mm 3/8" 9/16"   30°   355°

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MECHANIQ SQUARE COMFORT SINGLE RECESSED

A35082-

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June 25, 2024, 10:50 am

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MECHANIQ SQUARE COMFORT SINGLE RECESSED

A35085- - - -

base number | Color Temperature | Finishes (Diamond) | Finishes (Triangle) | Finishes (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 Single
Brand: Prolicht
Division: Architectural
Mounting Type: Recessed
Mounting Location: Ceiling
Subcategory: Downlight

PHYSICAL

Shape: Square
Length (mm): 186
Length (in): 7 $\frac{5}{16}$
Width (mm): 186
Width (in): 7 $\frac{5}{16}$
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 $\frac{7}{8}$
Light Distribution: Adjustable / Downlight
Weight (kg): 1.88
Weight (lbs): 4.14
Fixture Finish: SSR / BKV / CWI / CRY / HAB / LAG / UFT / ITA / RUA / RUR / MIC / FTG / MYG / TWT / 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: 175mm / 6 7/8" x 175mm / 6 7/8"

ELECTRICAL

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

LED

Number of LEDs: 1
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

180mm 7 $\frac{1}{16}$"

Ø 144mm 5 $\frac{11}{16}$"
186mm 7 $\frac{5}{16}$"
186mm 7 $\frac{5}{16}$"

175mm x 175mm 6 $\frac{7}{8}$" x 6 $\frac{7}{8}$" | 200mm 7 $\frac{7}{8}$" | 10 | 15 mm $\frac{3}{8}$" | $\frac{9}{16}$" | 30° | 355°

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June 25, 2024, 10:50 am

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MECHANIQ SQUARE COMFORT SINGLE RECESSED

A35085-

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June 25, 2024, 10:50 am

ZANEEN®
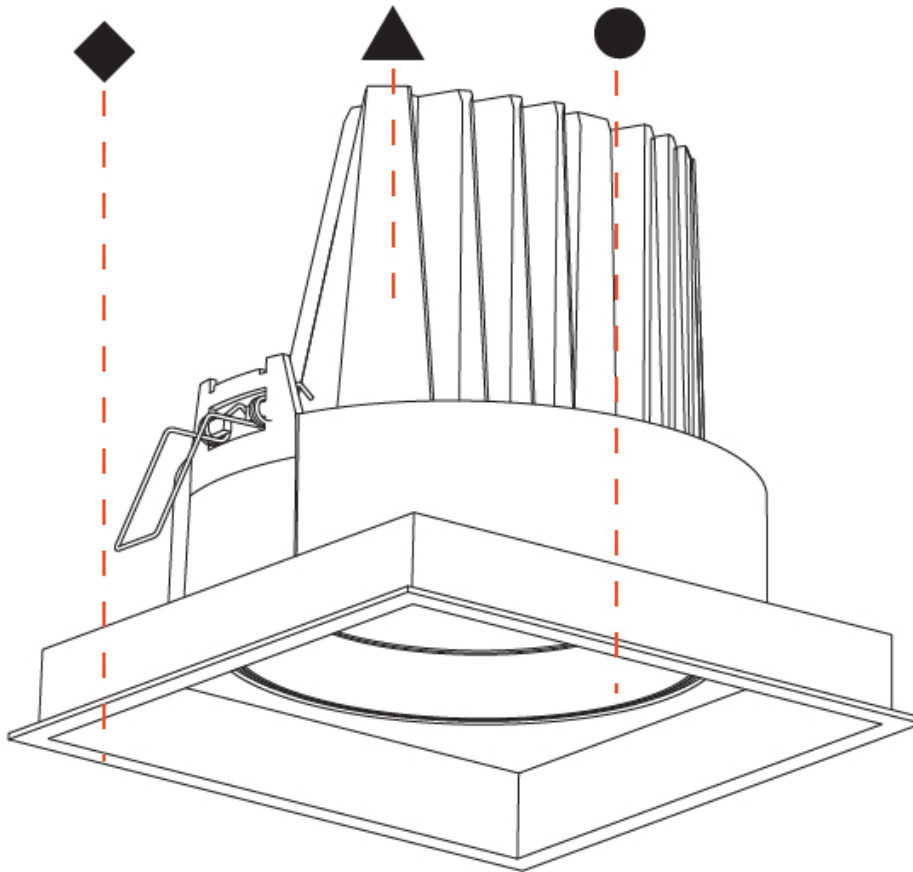
MECHANIQ SQUARE COMFORT SINGLE RECESSED

A35088- - - - - -

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

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 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 7/8
Light Distribution: Adjustable / Downlight
Weight (kg): 1.88
Weight (lbs): 4.14
Fixture Finish: SSR / BKV / CWI / CRY / HAB / LAG / UFT / ITA / RUA / RUR / MIC / FTG / MYG / TWT / 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: 175mm / 6 7/8" x 175mm / 6 7/8"

ELECTRICAL

Lamp Type: LED (Zhaga Standard)
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
Housing: See components
Input Voltage (V): 120 - 277
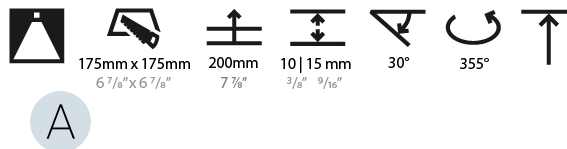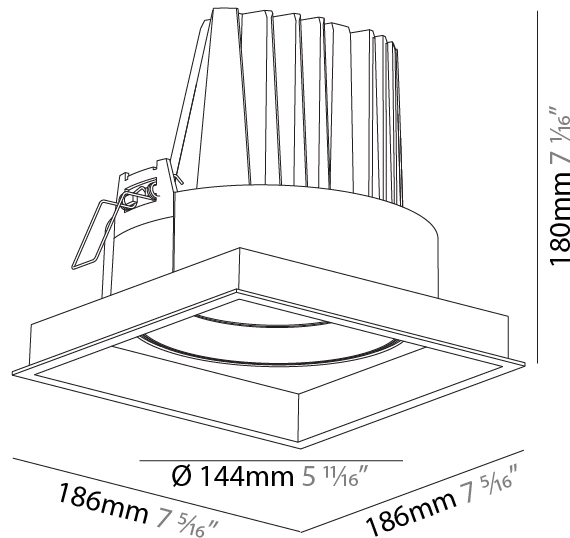Constant Current (MA): 1050

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

180mm 7 1/16"
Ø 144mm 5 11/16"
186mm 7 5/16"
186mm 7 5/16"

175mm x 175mm
6 7/8" x 6 7/8"
200mm
7 7/8"
10 | 15 mm
3/8" 9/16"
30°
355°

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June 25, 2024, 10:50 am

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MECHANIQ SQUARE COMFORT SINGLE RECESSED

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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

June 25, 2024, 10:50 am

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MECHANIQ SQUARE COMFORT DOUBLE
RECESSED

A35094- ___ - ___ - ___ - ___

| 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

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 $\frac{15}{16}$
Width (mm): 134
Width (in): 5 $\frac{1}{4}$
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 / LAG / UFT / ITA / RUA / RUR / MIC / FTG / MYG / TWT / 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)
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
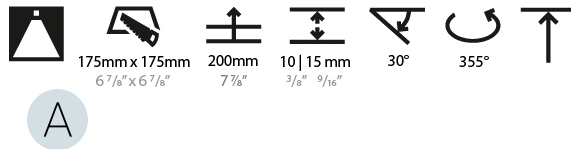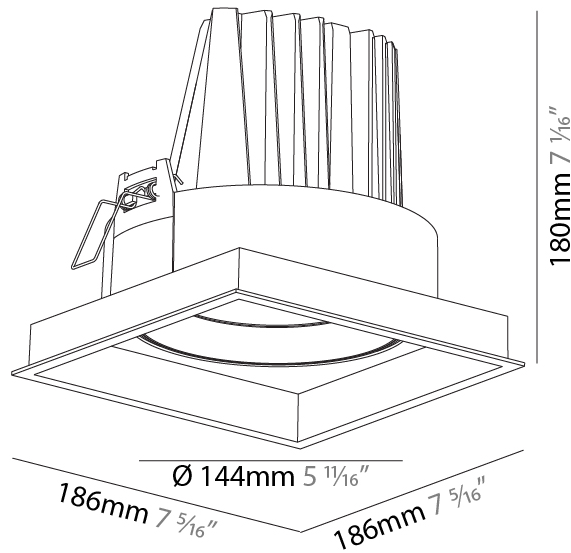Input Voltage (V): 120 - 277
Constant Current (MA): 700

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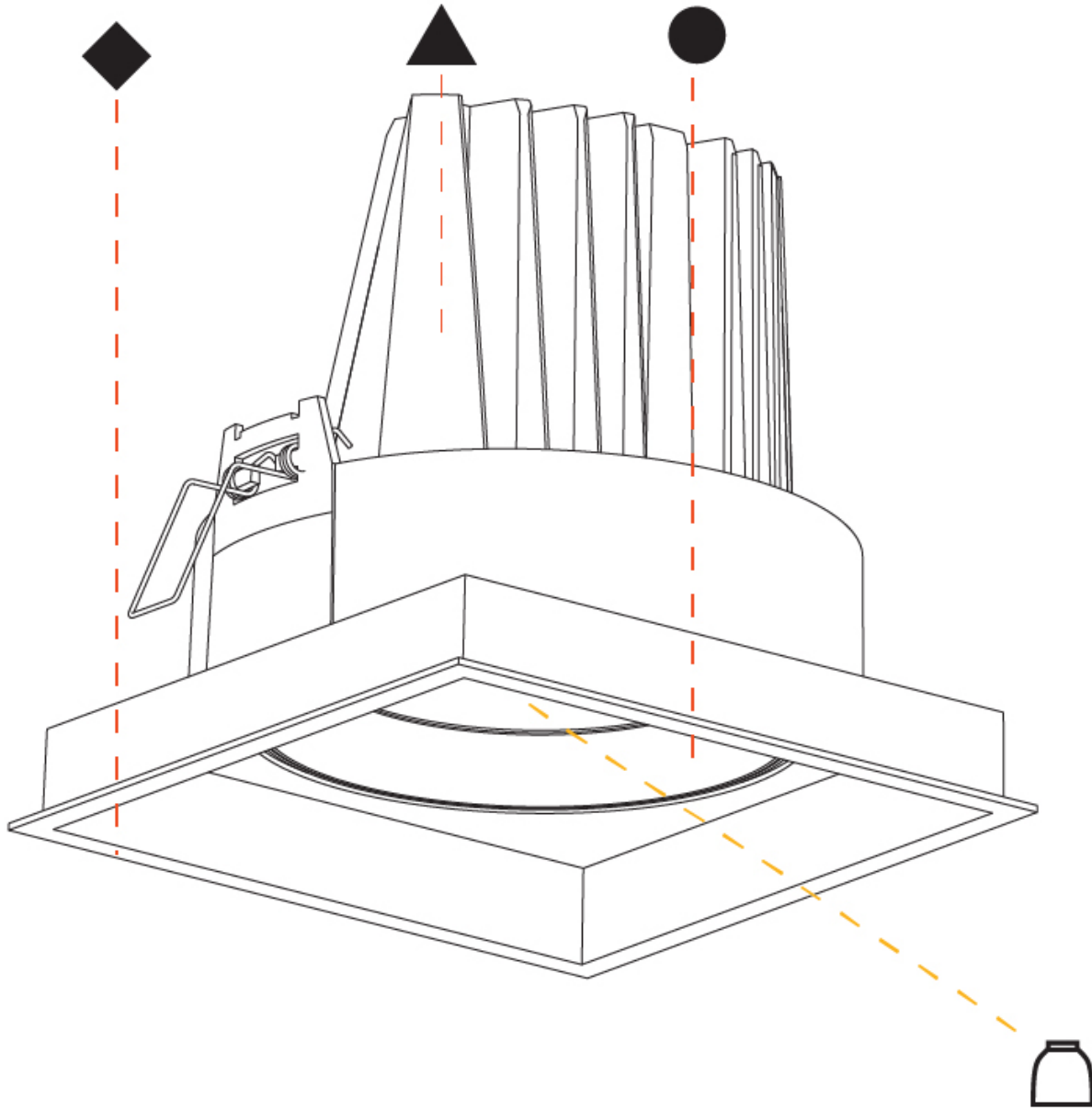Adjustability: Rotational 355°; Tilt 30°

RATINGS AND CERTIFICATIONS

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

127mm 5"

Ø 99mm 3 7/8"
253mm 9 15/16"
134mm 5 1/4"

| A | mm x 125mm 1/2" x 4 15/16" | 160mm 6 5/16" | 10 | 15 mm 3/8" 9/16" | 30° | 355° | |

June 25, 2024, 10:50 am

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MECHANIQ SQUARE COMFORT DOUBLE
RECESSED

A35094-

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June 25, 2024, 10:50 am

ZANEEN®

MECHANIQ SQUARE COMFORT DOUBLE
RECESSED

A35097- ___ - ___ - ___ - ___

base number | Color Temperature | Finishes (Diamond) | Finishes (Triangle) | Finishes (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 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 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 / LAG / UFT / ITA / RUA / RUR / MIC / FTG / MYG / TWT / 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: 342mm / 13 7/16" x 175mm / 6 7/8"

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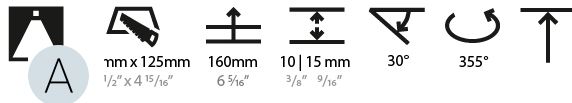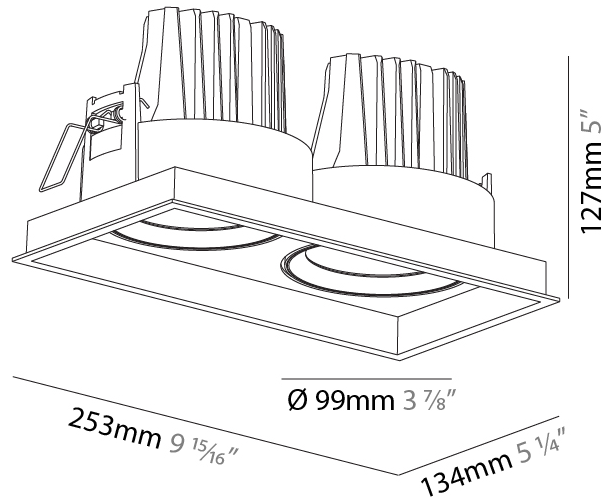Input Voltage (V): 120 - 277
Constant Current (MA): 700

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

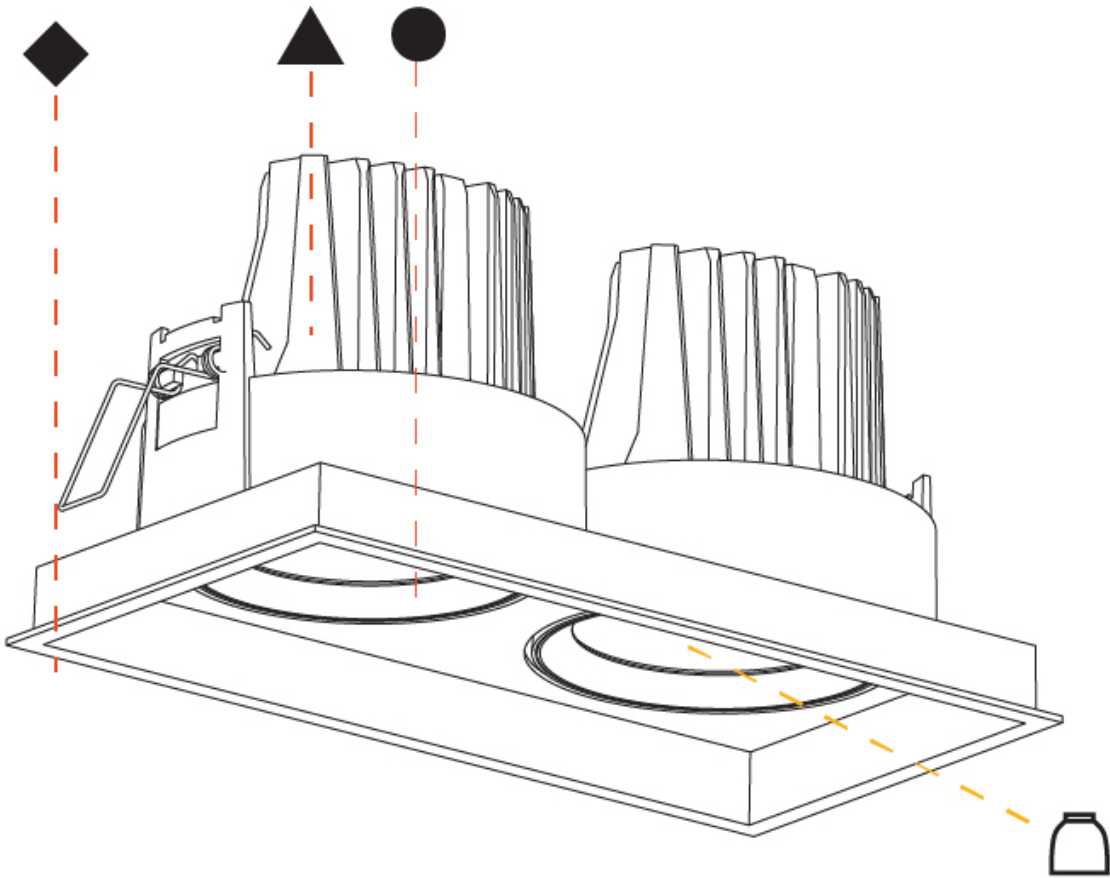Certified By: Certified for North American Standards
IP rating: IP20

353mm 13 7/8"   Ø 144mm 5 11/16"   186mm 7 5/16"   180mm 7 1/16"

nm x 175mm 7/16" x 6 7/8" | 200mm 7 7/8" | 10 | 15 mm 3/8" 9/16" | 30° | 355°

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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

June 25, 2024, 10:50 am

ZANEEN®
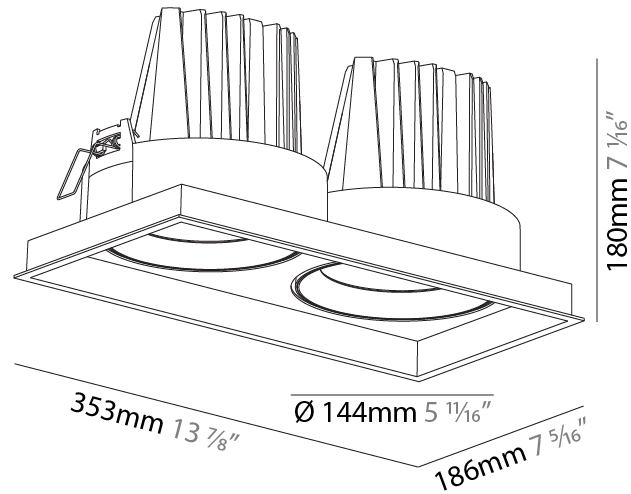
MECHANIQ SQUARE COMFORT DOUBLE
RECESSED

A35097-

For Color / Finish Chart & Symbology see Appendix or product page downloadable area.
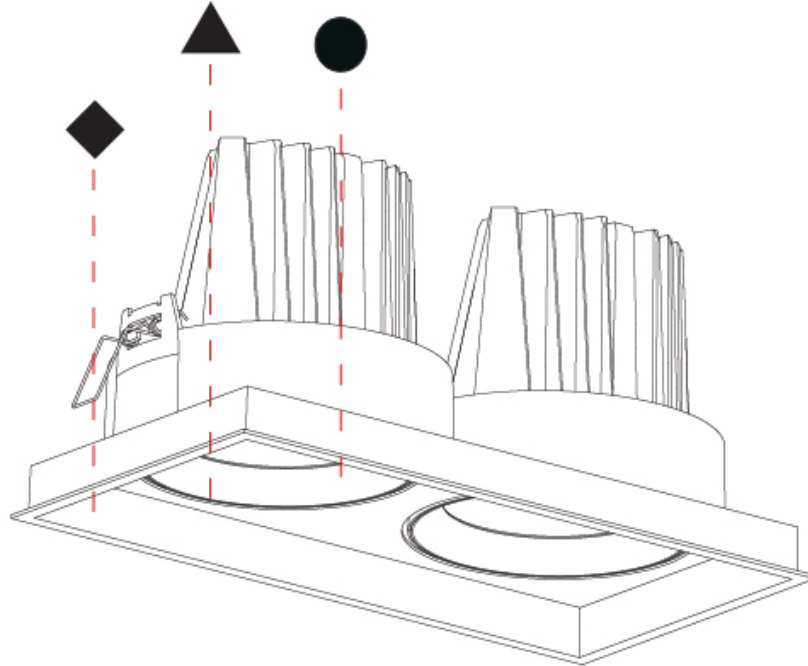
	27K	30K	35K	40K	°K
Color Temperature	2700K	3000K	3500K	4000K	

ORDER-EXAMPLE: °K ◆ ▲ ●
L3XXXX- 30K 02 02 02
3000K Black Black Black

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MECHANIQ SQUARE COMFORT DOUBLE
RECESSED

A35100-   -   -   -   -

| 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
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 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 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 / LAG / UFT / ITA / RUA / RUR / MIC / FTG / MYG / TWT / 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: 342mm / 13 7/16" x 175mm / 6 7/8"

ELECTRICAL
Lamp Type: LED (Zhaga Standard)
Total Output Wattage (W): 83.8
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): 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

353mm 13 7/8"   Ø 144mm 5 11/16"   186mm 7 5/16"   180mm 7 1/16"

| A | | 342mm x 175mm 13 7/16" x 6 7/8" | 200mm 7 7/8" | 10 | 15 mm 3/8" 9/16" | 30° | 355° | |

June 25, 2024, 10:50 am

ZANEEN®

MECHANIQ SQUARE COMFORT DOUBLE
RECESSED

A35100-

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June 25, 2024, 10:50 am

ZANEEN®
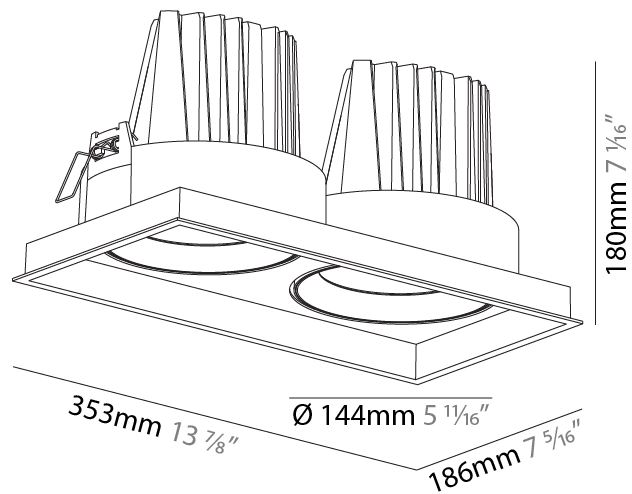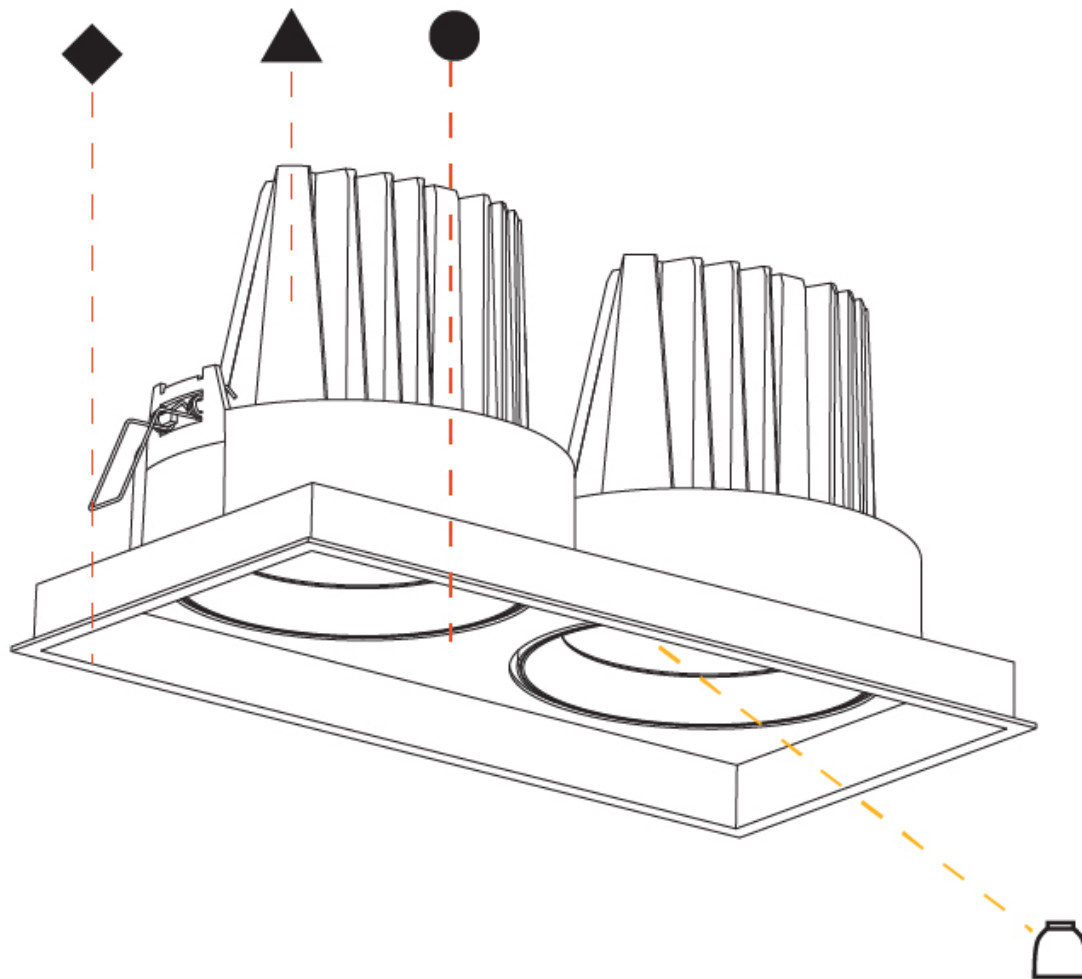
MECHANIQ SQUARE COMFORT
COLOR FINISH CHART

Fixture Finish

Sparkling Silver - 01 (SSR)	Black Velvet - 02 (BKV)	Crystal White - 03 (CWI)	Creamy - 04 (CRY)	Hampton Bay - 05 (HAB)	Lagoon - 06 (LAG)
Urban Forest - 07 (UFT)	In the Army - 08 (ITA)	Rusty Angel - 09 (RUA)	Rusty Rush - 10 (RUR)	Milk and Chocolate - 11 (MIC)	Fade to Gray - 12 (FTG)
Mysterious Gray - 13 (MYG)	Twilight - 14 (TWT)	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 and between product families.

Physical: When texture is involved, there will be variations in color, character and tone within a product and between product families.

Gun Metal: No Gun Metal finish is alike. It combines a mixture of transparent and black color particles 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.

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

June 25, 2024, 10:50 am

ZANEEN®

MECHANIQ SQUARE COMFORT

LEGEND

Symbol	Description	Symbol	Description	Symbol	Description
	floor-mounted		pivotable		special LED (upon request) RGB, RGBW, tunable, gold+, meat+, art+, fashion+
	wall and ceiling: recessed and surface mounted		rotating		warm dim / natural dimming LED
	ceiling-mounted and wall-mounted		illuminate tilted		rechargeable battery powered
	wall-mounted		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		reflector degree selection	°K	color temperature
	direct/indirect light distribution	S|S	super spot	LM	lumen (luminous flux)
	indirect light distribution		lens	LM/W	efficacy (lumens per watt)
	asymmetric light distribution		lens pack	UGR	Unified Glare Rating (UGR) range from 5-40
	aura light distribution		shine ring		marine grade (AISI 316 stainless steel)
	round wall or ceiling cut-out		integrated shine ring with diffuser		walk on
	square wall or ceiling cut-out		free individual colors 01-29		drive on
	the supplied jig specifies the cutout dimensions		individual colors: 00 (free of charge), 01-25 (extra charge)	DSC	Dark Sky Compliance
	minimum distance (meters) lamp - object		luminaire part to be colored (F1)		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
	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
	separately switchable		indirect diffuser	ETL	ETL Certified to UL and CSA Standards
	sensor	D	direct diffuser	UL	UL Certified to UL and CSA Standards
	remote control		ball-proof (upon request)	CSA	CSA Certified to UL and CSA Standards
	available upon request		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

IK01	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)
IK03	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)
IK05	protected against 0.7 joules impact (equivalent to 0.25kg mass dropped from 280mm above the surface)
IK06	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)
IK08	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)