# **ZANEEN**<sub>®</sub>

### **MECHANIQ SQUARE COMFORT SINGLE RECESSED**

#### A35085-

| base number | Color<br>Temperature | Finishes<br>(Diamond) | Finishes<br>(Triangle) | Finishes<br>(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: Mechan                             | iq Square Comfort  |
| Subseries: Mec                             | haniq Square Comfort Single  |
| Brand: Prolicht                            | t  |
| Division: Archit                           | ectural  |
| Mounting Type                              | :: Recessed  |
| Mounting Loca                              | tion: Ceiling  |
| Subcategory: D                             | Jownlight  |
| PHYSICAL                                   |  |
| Shape: Square                              |  |
| Length (mm): 1                             | 186  |
| Length (in): 7 ½                           | ,<br>16  |
| Width (mm): 18                             | 36   |
| Width (in): 7 <sup>5</sup> / <sub>16</sub> |  |
| Height (mm): 1                             | 80   |
| Height (in): 7 <sup>1</sup> / <sub>1</sub> | 6  |
| Ceiling Thickne                            | ess (mm): 10 / 12.5 / 15   |
| Ceiling Thickne                            | ess (in): 3/8 or 1/2 or 9/16   |
| Min. Recessing                             | Depth (mm): 200  |
| Min. Recessing                             | Depth (in): 7 1/8  |
| Light Distributi                           | ion: Adjustable / Downlight  |
| Weight (kg): 1.8                           | 38   |
| Weight (lbs): 4.                           | 14   |
| LOD / PUS / FR                             | SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG /<br>O / FUP / KIA / POP / BLS / SPG / MEY / GOH / GUM / CHC / |
|  | G / OBR / MOS / ROR  |
|  | ıl: Aluminum Die Cast<br>rements: 175mm / 6 7/8" x 175mm / 6 7/8"  |
|  |  |
| ELECTRICAL                                 |  |
|  | D (Zhaga Standard)   |
| · · ·                                      | /attage (W): 21.2  |
| and 0-10V Dimi                             | <u>.</u>   |
| Driver Included                            |  |
| -  | n: Recessed Housing  |
| Driver Type: Co                            | onstant Current - Universal  |
| Housing: See c                             | •  |
| Input Voltage (                            | V): 120 - 277  |

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

#### LED

|   | Number of LEDs: 1                                    |   |
|---|--|---|
| Max_Delivered Lumen (lm): 1440 / 1490 / 1568 / 1600 | Color Temperature (°K): 2700 / 3000 / 3500 / 4000    |   |
|   | Max. Delivered Lumen (lm): 1440 / 1490 / 1568 / 1600 | I |
| CRI: >90 CRI  | CRI: >90 CRI   |   |
| Lamp Life (hrs): 50000                              | Lamp Life (hrs): 50000                               |   |

#### OPTICAL

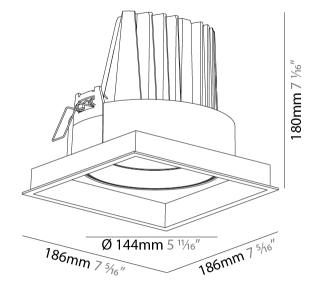
Reflector°: 8 Adjustability: Rotational 355°; Tilt 30°

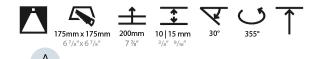
#### RATINGS AND CERTIFICATIONS

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

| PROJECT   |  |  |  |
|-----------|--|--|--|
| ТҮРЕ      |  |  |  |
| SPECIFIER |  |  |  |
| QUANTITY  |  |  |  |
| DATE      |  |  |  |
|           |  |  |  |







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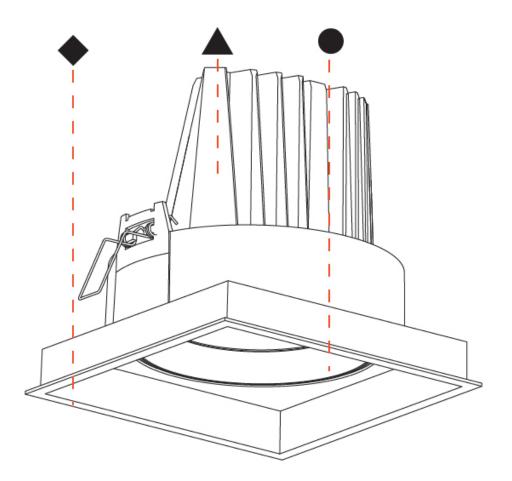
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# **ZANEEN**<sub>®</sub>

| <b>MECHANIQ SQUARE COMFORT SINGL</b> | E RECESSED |
|--------------------------------------|------------|

A35085-

| PROJECT   |  |  |  |
|-----------|--|--|--|
| ТҮРЕ      |  |  |  |
| SPECIFIER |  |  |  |
| QUANTITY  |  |  |  |
| DATE      |  |  |  |
|           |  |  |  |



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А

### **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: Mecha                 | aniq Square Comfort  |
| Subseries: Me                 | echaniq Square Comfort Single                                  |
| Brand: Prolic                 | ht   |
| Division: Arch                | nitectural   |
| Mounting Typ                  | pe: Recessed   |
| Mounting Loo                  | cation: Ceiling  |
| Subcategory                   | : Downlight  |
| PHYSICAL                      |  |
| Shape: Squar                  | re   |
| Length (mm)                   | : 186  |
| Length (in): 7                | 5/ <sub>16</sub>   |
| Width (mm):                   | 186  |
| Width (in): 7                 | 16   |
| Height (mm):                  | 180  |
| Height (in): 7                | <sup>1</sup> / <sub>16</sub>                                   |
| Ceiling Thick                 | ness (mm): 10 / 12.5 / 15                                      |
|                               | ness (in): 3/8 or 1/2 or 9/16                                  |
| Min. Recessir                 | ng Depth (mm): 200   |
| Min. Recessir                 | ng Depth (in): 7 ½   |
| Light Distribu                | ition: Adjustable / Downlight                                  |
| Weight (kg): 1                | 1.88   |
| Weight (lbs):                 | 4.14   |
|                               | n: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG / |
|                               | RO / FUP / KIA / POP / BLS / SPG / MEY / GOH / GUM / CHC /     |
|                               | JAG / OBR / MOS / ROR  |
|                               | rial: Aluminum Die Cast  |
| Cut-out Meas                  | surements: 175mm / 6 7/8" x 175mm / 6 7/8"                     |
| ELECTRICAL                    |  |
| Lamp Type: L                  | .ED (Zhaga Standard)   |
| · · · ·                       | Wattage (W): 41.9  |
| Dimming: Tri<br>and 0-10V Dir | -Mode (Non-Dimming and Phase Dimming (120Vac only)<br>mming)   |
| Driver Includ                 | ed: No   |
| Driver Locati                 | on: Recessed Housing   |
|                               | Constant Current - Universal                                   |
|                               | components   |
| Input Voltage                 | e (V): 120 - 277   |
|                               |  |

#### 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

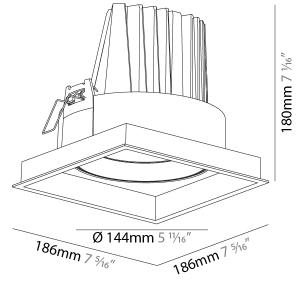
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# PROJECT TYPE SPECIFIER QUANTITY DATE





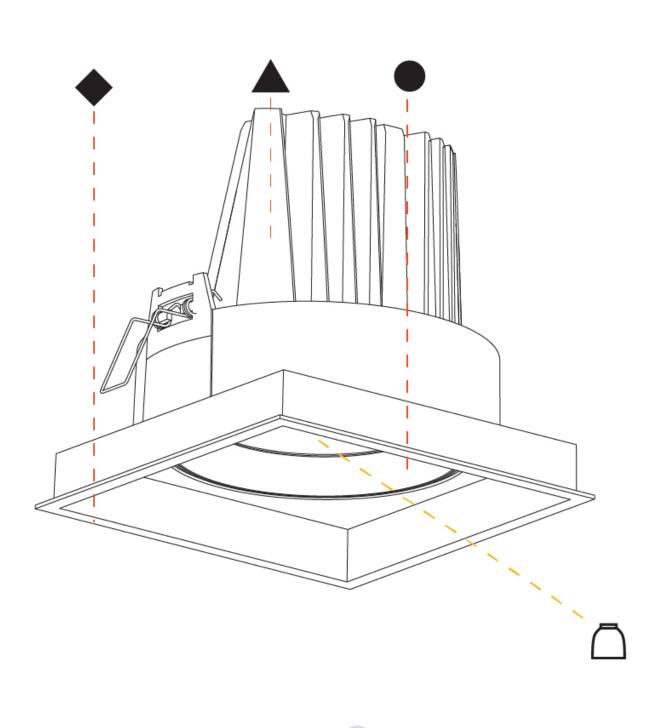


**MECHANIQ SQUARE COMFORT SINGLE RECESSED** 

PROJECT

| TYPE      |  |  |
|-----------|--|--|
| SPECIFIER |  |  |
| QUANTITY  |  |  |
| DATE      |  |  |

A35088-



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### **MECHANIQ SQUARE COMFORT 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 #

#### GENERAI

| 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 <sup>5</sup> / <sub>16</sub>                              |       |
| 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 <sup>7</sup> / <sub>8</sub>                |       |
| 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 / M |       |
| LOD / DUG / EDD / KIA / DOD / DLG / SDG / MEV / COUL/ CUMA / C          | 110 / |

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

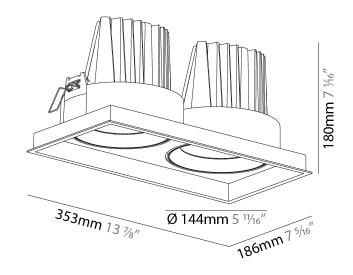
Certified By: Certified for North American Standards IP rating: IP20

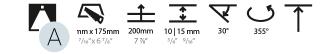
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| PROJECT   |   |  |  |
|-----------|---|--|--|
| TYPE      |   |  |  |
| SPECIFIER | - |  |  |
| QUANTITY  |   |  |  |
| DATE      |   |  |  |
|           |   |  |  |









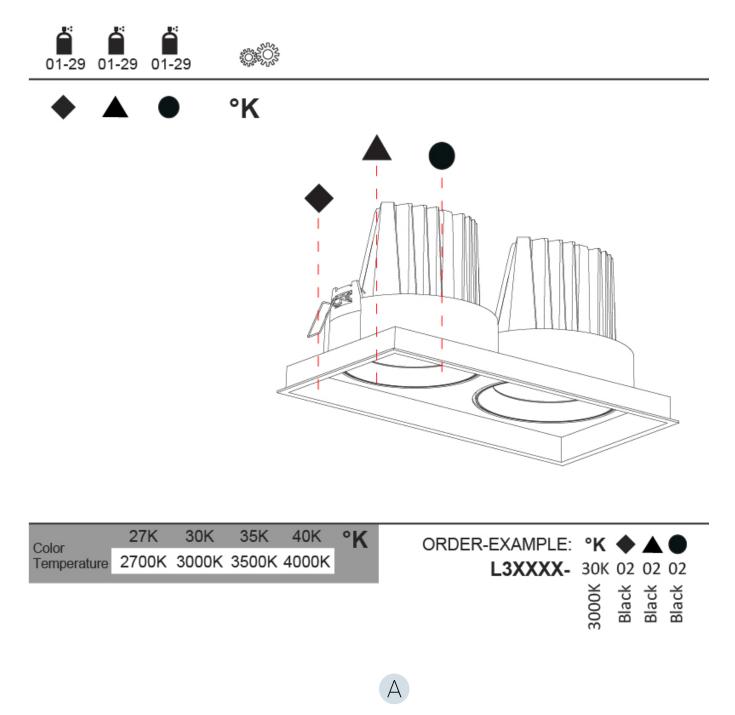
### **MECHANIQ SQUARE COMFORT DOUBLE**

RECESSED

A35097-

| PROJECT   |  |  |
|-----------|--|--|
| ТҮРЕ      |  |  |
| 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 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 <sup>5</sup> / <sub>16</sub>   |
|   | Height (mm): 180   |
|   | Height (in): 7 <sup>1</sup> / <sub>16</sub>  |
|   | 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   |
| 1 | Weight (kg): 3.671   |
| 1 | Weight (lbs): 8.093  |
|   | Installation Requirement: Requires 2 Housings - See Components   |
|   | Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG<br>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)<br>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

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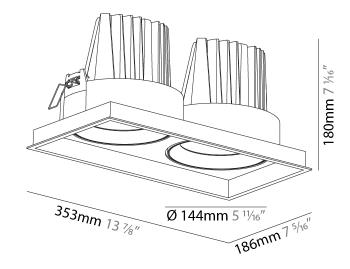
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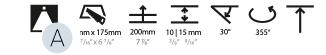
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#### PROJECT

| FROJECT   |  |  |  |
|-----------|--|--|--|
| TYPE      |  |  |  |
| SPECIFIER |  |  |  |
| QUANTITY  |  |  |  |
| DATE      |  |  |  |







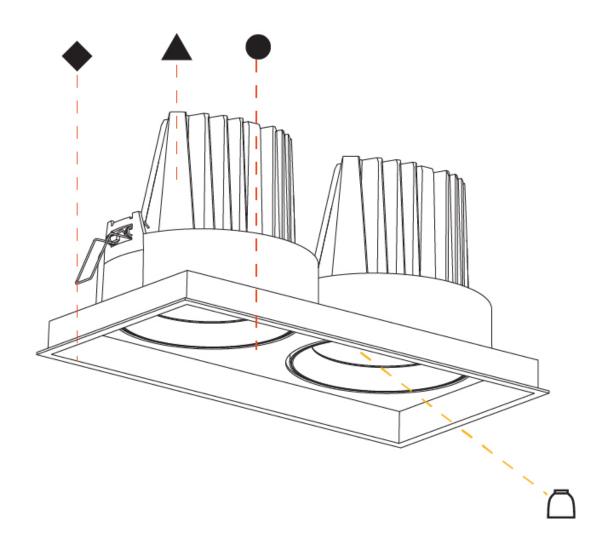
## MECHANIQ SQUARE COMFORT DOUBLE

RECESSED

A35100-

| PROJECT |
|---------|
|---------|

| PROJECT   |  |  |  |
|-----------|--|--|--|
| TYPE      |  |  |  |
| SPECIFIER |  |  |  |
| QUANTITY  |  |  |  |
| DATE      |  |  |  |



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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,<br>gold+, meat+, art+, fashion+                 |
|---------------|--|-----------------------|--|-------------|--|
| 7             | wall and ceiling: recessed and surface mounted               | C                     | rotating   | 0           | warm dim / natural dimming LED   |
| Î             | ceiling-mounted and wall-mounted                             | Œ                     | illuminate tilted  | 0           | rechargeable battery powered   |
| $\rightarrow$ | wall-mounted   | T                     | color of suspension cable                                    |             | fixture with natural vivid LED (upon request)  |
| Y             | omni-directional light distribution                          | ↓                     | length of suspension cable                                   | CRI         | color rendering index  |
| À             | direct light distribution                                    | Δ                     | reflector degree selection                                   | ĸ           | color temperature  |
| X             | direct/indirect light distribution                           | s s                   | super spot   | LM          | lumen (luminous flux)  |
| Y             | indirect light distribution                                  | Ĩ                     | lens   | (¥)         | efficacy (lumens per watt)   |
|               | asymmetric light distribution                                | 8                     | lens pack  | UGR         | Unified Glare Rating (UGR) range from 5-40   |
| Ä             | aura light distribution                                      | 0                     | shine ring   | 318         | 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                                 |             | drive on   |
| ď             | the supplied jig specifies the cutout dimensions             | Ĩ                     | individual colors: 00 (free of charge), 01-25 (extra charge) | <b>B</b> sc | Dark Sky Compliance  |
| (++)<br>M     | 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<br>(step-dim) |                       | luminaire part to be colored (F5)                            |             | protection class I, protection insulation  |
| <b>6</b>      | included or excluded LED driver/transformer/<br>control gear |                       | color of 3-circuit adaptor                                   |             | protection class II, protection insulation   |
| R             | separately switchable  | $\odot$               | indirect diffuser  |             | ETL Certified to UL and CSA Standards  |
| <b>・</b> ツ    | sensor   | D                     | direct diffuser  | c.(H) us    | UL Certified to UL and CSA Standards   |
|               | remote control   | $\boldsymbol{\Theta}$ | ball-proof (upon request)                                    | <b>(</b>    | 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<br>protected against sprays of water up to 60 degrees from the vertical (rain)      |
| IP40 | protected against ingress of solid bodies greater than 1mm (wire)<br>no protection against the ingress of moisture                               |
| IP43 | protected against ingress of solid bodies greater than 1mm (wire)<br>protected against sprays of water up to 60 degrees from the vertical (rain) |
| IP44 | protected against ingress of solid bodies greater than 1mm (wire)<br>protected against water splashed from all directions                        |
| 1954 | protected against limited ingress of dust (wet rooms/covered outdoor areas)<br>protected against water splashed from all directions              |
| 1965 | protected against ingress of dust<br>protected against jets of water   |
| 1966 | protected against ingress of dust<br>protected against powerful jets of water or heavy seas  |
| IP67 | protected against ingress of dust<br>protected against immersion of water between 15cm - 1m for 30 minutes                                       |
| IP68 | protected against ingress of dust<br>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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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