

MAGIQ HOLLOW WALLWASH TRIMLESS

A35577- -

|             |             |         |
|-------------|-------------|---------|
| base number | Color       | Finish  |
|             | Temperature | 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: Magiq Hollow Wallwash

Brand: Prolicht

Division: Architectural

Mounting Type: Trimless

Mounting Location: Ceiling

Subcategory: Wallwash

PHYSICAL

Shape: Rectangle

Length (mm): 166

Length (in): 6 9/16

Width (mm): 35

Width (in): 1 3/8

Height (mm): 64

Height (in): 2 1/2

Ceiling Thickness (mm): 12.5

Ceiling Thickness (in): 1/2

Min. Recessing Depth (mm): 100

Min. Recessing Depth (in): 3 15/16

Light Distribution: Asymmetric

Weight (kg): 0.525

Weight (lbs): 1.16

Holder Finish: WHI / BLK

Fixture Material: Aluminum Die Cast

Cut-out Measurements: 173mm / 6 13/16" x 42mm / 1 5/8"

ELECTRICAL

Lamp Type: LED (Zhaga Standard)

Input Wattage (W): 19

Total Output Wattage (W): 17.2

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

Driver Class: Class 2

Housing: See components

Input Voltage (V): 120 - 277

Constant Current (MA): 700

LED

Number of LEDs: 8

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

Max. Delivered Lumen (lm): 1270 / 1270 / 1513 / 1544

Nominal Lumen (lm): 1492 / 1492 / 1778 / 1814

CRI: >90 CRI

Efficiency (%): 82.3

Lamp Life (hrs): 50000

Upon Request: Special Color Temperature

OPTICAL

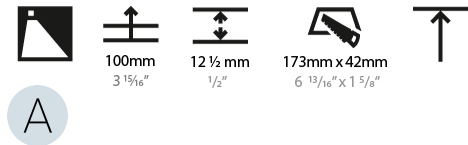
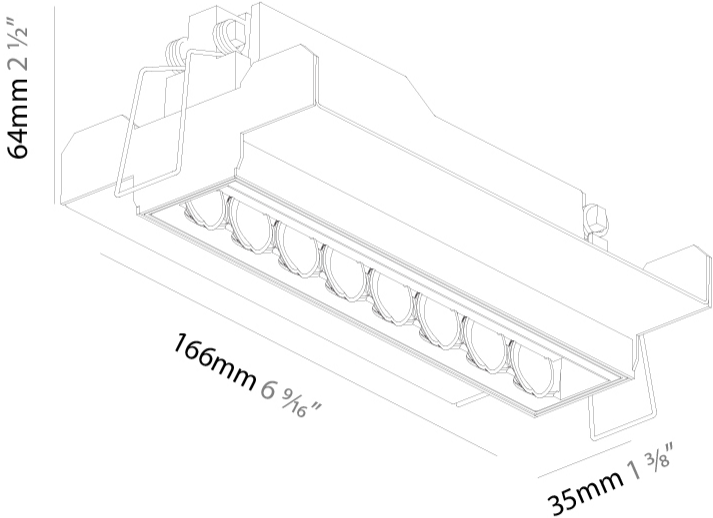
Upon Request: Special Beam Angles

RATINGS AND CERTIFICATIONS

Certified By: CSA Certified to UL and CSA Standards

IP rating: IP20

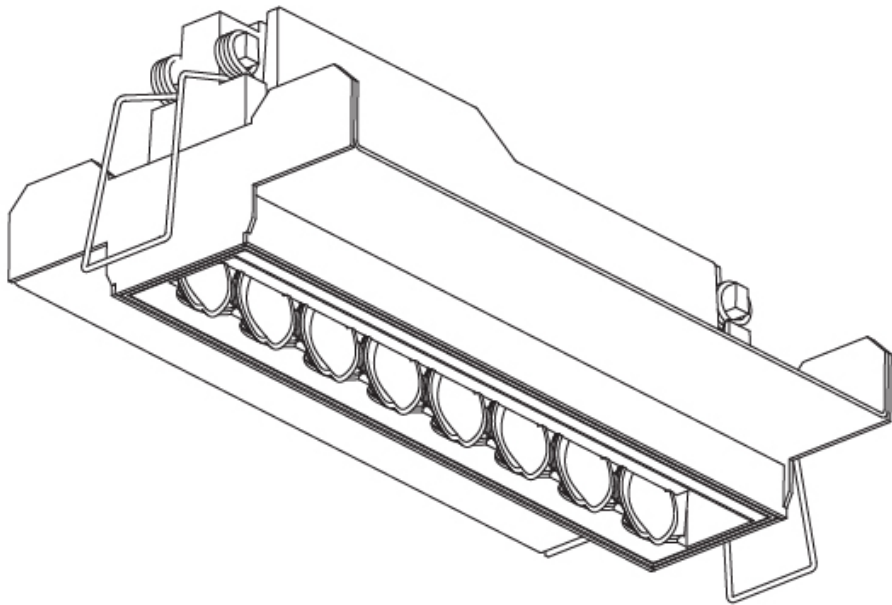
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| PROJECT   |
| TYPE      |
| SPECIFIER |
| QUANTITY  |
| DATE      |



MAGIQ HOLLOW WALLWASH TRIMLESS

A35577-

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



MAGIQ HOLLOW WALLWASH KORONA TRIMLESS

A35579-

base number

Color

Finish

Finishes

Temperature

Options

(Diamond)

- 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: Magiq Hollow Wallwash

Subseries: Magiq Hollow Wallwash Korona

Brand: Prolicht

Division: Architectural

Mounting Type: Trimless

Mounting Location: Ceiling

Subcategory: Wallwash

PHYSICAL

Shape: Rectangle

Length (mm): 166

Length (in): 6 <sup>9</sup>/<sub>16</sub>

Width (mm): 35

Width (in): 1 <sup>3</sup>/<sub>8</sub>

Height (mm): 64

Height (in): 2 <sup>1</sup>/<sub>2</sub>

Ceiling Thickness (mm): 12.5

Ceiling Thickness (in): 1/2

Min. Recessing Depth (mm): 100

Min. Recessing Depth (in): 3 <sup>15</sup>/<sub>16</sub>

Light Distribution: Asymmetric

Weight (kg): 0.535

Weight (lbs): 1.18

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

Holder Finish: WHI / BLK

Fixture Material: Aluminum Die Cast

Cut-out Measurements: 173mm / 6 13/16" x 42mm / 1 5/8"

ELECTRICAL

Lamp Type: LED (Zhaga Standard)

Input Wattage (W): 19

Total Output Wattage (W): 17.2

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

Driver Class: Class 2

Housing: See components

Input Voltage (V): 120 - 277

Constant Current (MA): 700

LED

Number of LEDs: 8

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

Max. Delivered Lumen (lm): 1270 / 1270 / 1513 / 1544

Nominal Lumen (lm): 1492 / 1492 / 1778 / 1814

CRI: >90 CRI

Lamp Life (hrs): 50000

Upon Request: Special Color Temperature

OPTICAL

Upon Request: Special Beam Angles

RATINGS AND CERTIFICATIONS

Certified By: CSA Certified to UL and CSA Standards

IP rating: IP20

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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

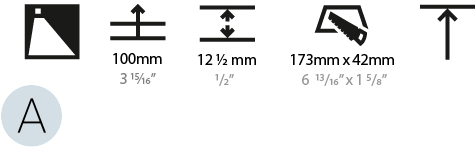
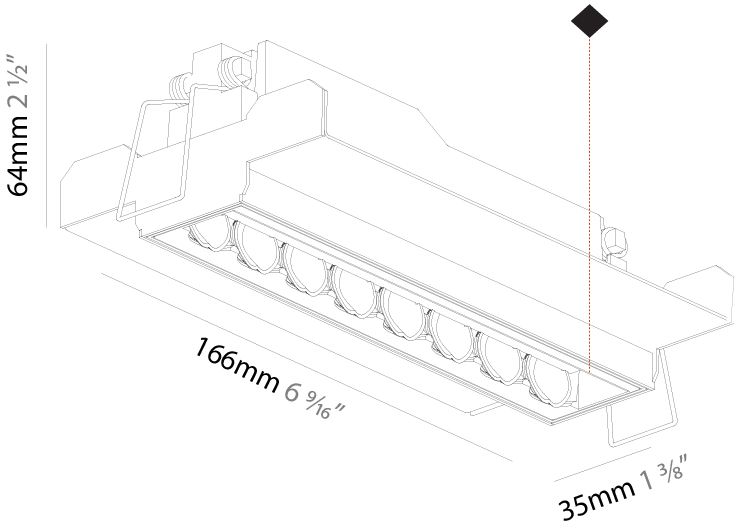
PROJECT

TYPE

SPECIFIER

QUANTITY

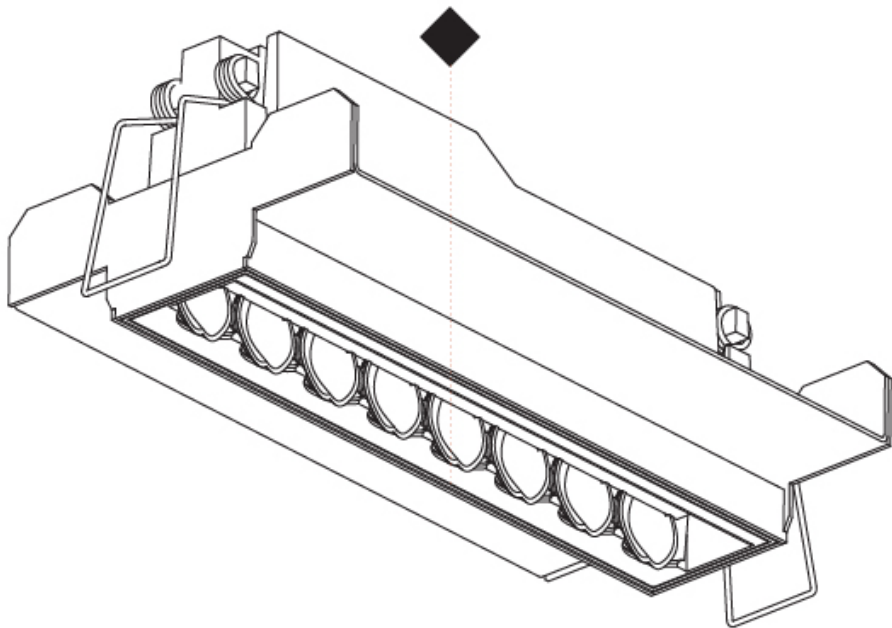
DATE



MAGIQ HOLLOW WALLWASH KORONA TRIMLESS

A35579-

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



MAGIQ HOLLOW WALLWASH RECESSED

A35582-

|             |             |           |         |
|-------------|-------------|-----------|---------|
| base number | Color       | Finishes  | Finish  |
|             | Temperature | (Diamond) | 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: Magiq Hollow Wallwash    |
| Subseries: Magiq Hollow Wallwash |
| Brand: Prolicht                  |
| Division: Architectural          |
| Mounting Type: Recessed          |
| Mounting Location: Ceiling       |
| Subcategory: Wallwash            |

PHYSICAL

|   |
|---|
| Shape: Rectangle  |
| Length (mm): 177  |
| Length (in): 6 15/16  |
| Width (mm): 45  |
| Width (in): 1 3/4   |
| Height (mm): 64   |
| Height (in): 2 1/2  |
| Ceiling Thickness (mm): 5 - 30  |
| Ceiling Thickness (in): 1/16 - 1 3/16   |
| Min. Recessing Depth (mm): 100  |
| Min. Recessing Depth (in): 3 15/16  |
| Light Distribution: Downlight   |
| 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: 170mm / 6 11/16" x 38mm / 1 1/2"  |

ELECTRICAL

|   |
|---|
| Lamp Type: LED (Zhaga Standard)   |
| Input Wattage (W): 19   |
| Total Output Wattage (W): 17.2  |
| Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming) |
| Driver Included: No   |
| Driver Location: Remote   |
| Driver Type: Constant Current - Universal   |
| Driver Class: Class 2   |
| Input Voltage (V): 120 - 277  |
| Constant Current (MA): 700  |

LED

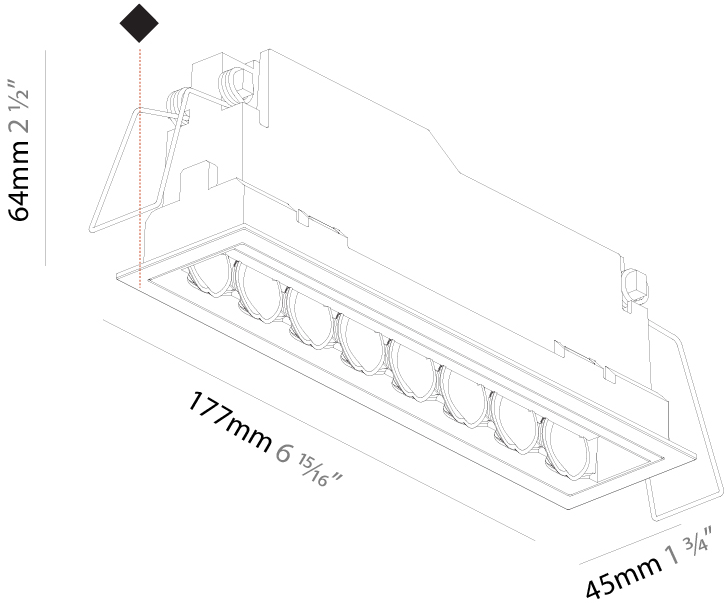
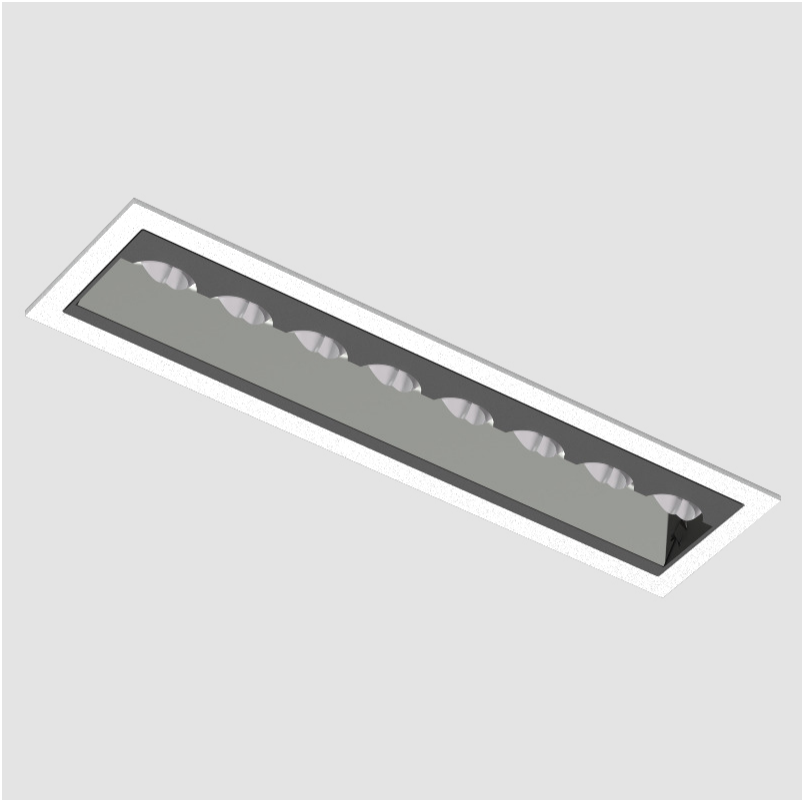
|  |
|--|
| Number of LEDs: 8                                    |
| Color Temperature (°K): 2700 / 3000 / 3500 / 4000    |
| Max. Delivered Lumen (lm): 1270 / 1270 / 1513 / 1544 |
| Nominal Lumen (lm): 1492 / 1492 / 1778 / 1814        |
| CRI: >90 CRI   |
| Lamp Life (hrs): 50000                               |

OPTICAL

RATINGS AND CERTIFICATIONS

|   |
|---|
| Certified By: CSA Certified to UL and CSA Standards |
| IP rating: IP20                                     |

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

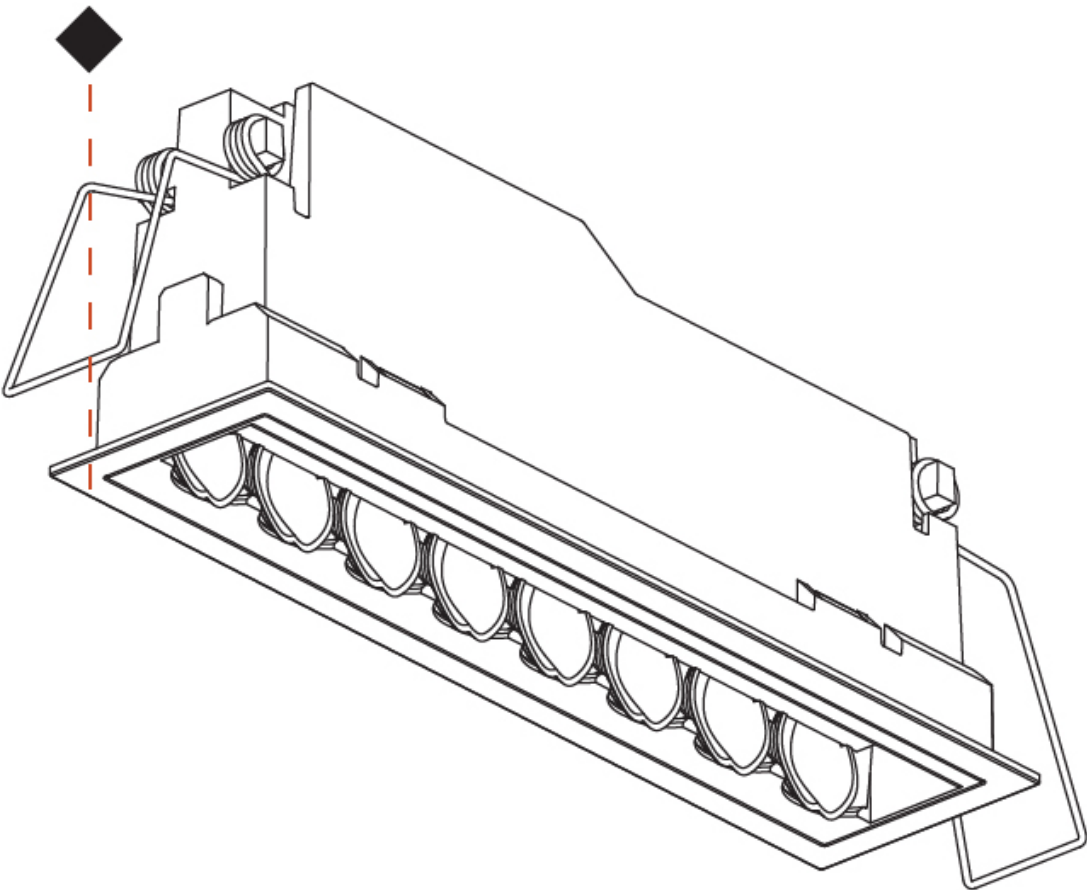


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MAGIQ HOLLOW WALLWASH RECESSED

A35582-

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



MAGIQ HOLLOW WALLWASH KORONA RECESSED

A35584-

base number

Color

Finish

Finishes

Temperature

Options

(Diamond)

- 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: Magiq Hollow Wallwash

Subseries: Magiq Hollow Wallwash Korona

Brand: Prolicht

Division: Architectural

Mounting Type: Recessed

Mounting Location: Ceiling

Subcategory: Wallwash

PHYSICAL

Shape: Rectangle

Length (mm): 177

Length (in): 6 15⁄16

Width (mm): 45

Width (in): 1 3⁄4

Height (mm): 64

Height (in): 2 1⁄2

Ceiling Thickness (mm): 5 - 30

Min. Recessing Depth (mm): 100

Min. Recessing Depth (in): 3 15⁄16

Light Distribution: Downlight

Weight (kg): 0.395

Weight (lbs): 0.87

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

Holder Finish: WHI / BLK

Fixture Material: Aluminum Die Cast

ELECTRICAL

Lamp Type: LED (Zhaga Standard)

Input Wattage (W): 19

Total Output Wattage (W): 17.2

Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming)

Driver Included: No

Driver Location: Remote

Driver Type: Constant Current - Universal

Driver Class: Class 2

Input Voltage (V): 120 - 277

Constant Current (MA): 700

LED

Number of LEDs: 8

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

Max. Delivered Lumen (lm): 1110 / 1180 / 1323 / 1350

CRI: >90 CRI

Efficiency (%): 82.3

Lamp Life (hrs): 50000

OPTICAL

RATINGS AND CERTIFICATIONS

Certified By: CSA Certified to UL and CSA Standards

IP rating: IP20

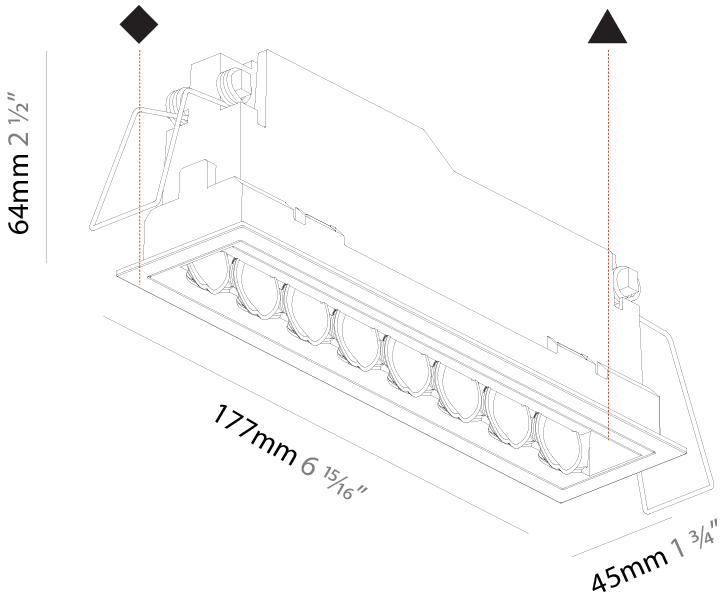
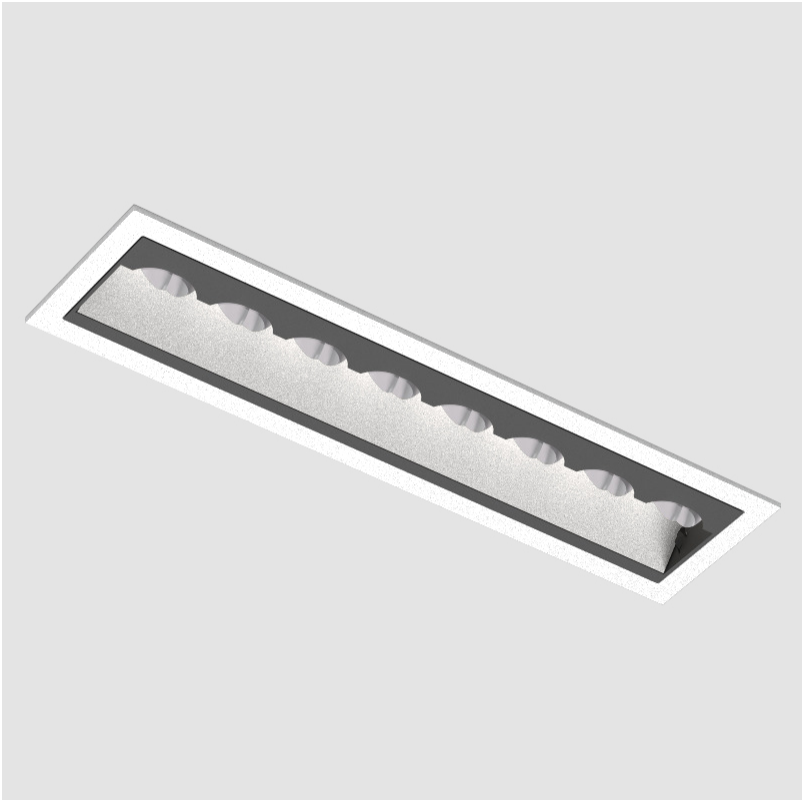
PROJECT

TYPE

SPECIFIER

QUANTITY

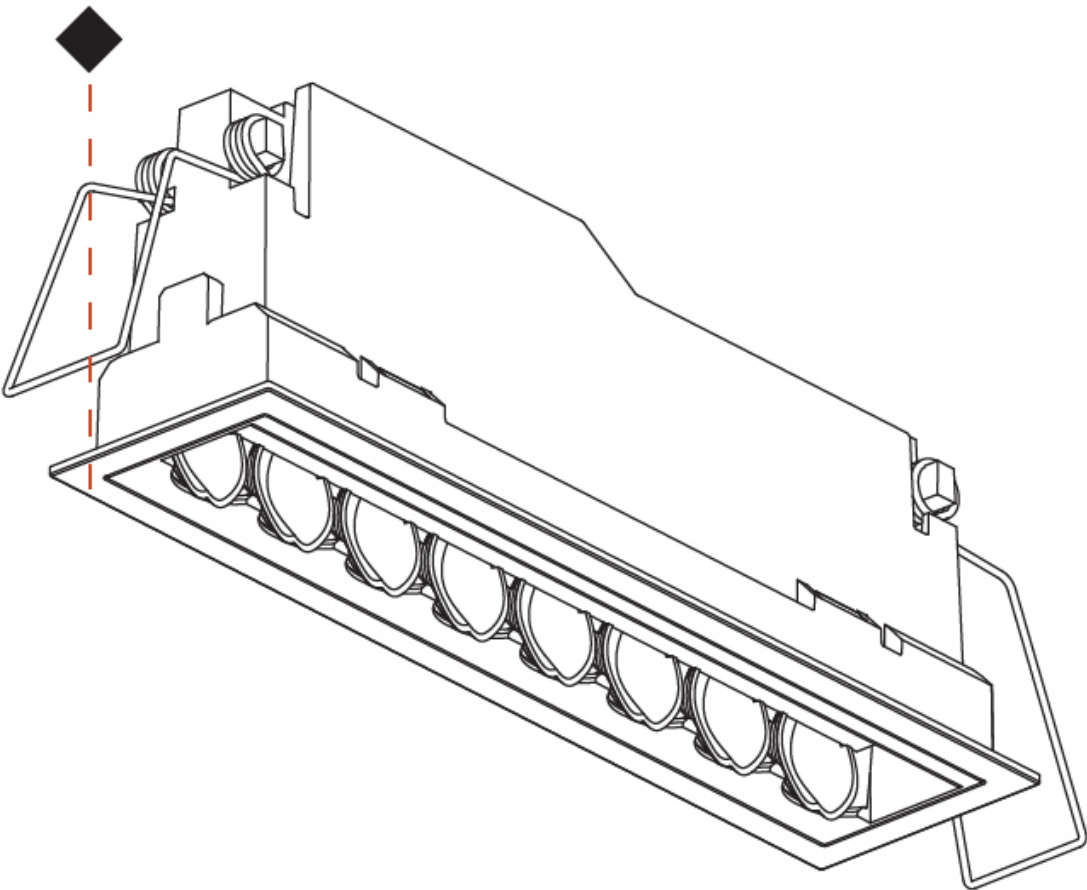
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MAGIQ HOLLOW WALLWASH KORONA RECESSED

A35584-

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



A



MAGIQ HOLLOW WALLWASH SURFACE

A3D187-

base number      Color      Finish      Finishes  
Temperature      Options      (Diamond)

- 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: Magiq Hollow Wallwash  
Subseries: Magiq Hollow Wallwash  
Brand: Prolicht  
Division: Architectural  
Mounting Type: Surface  
Mounting Location: Ceiling  
Subcategory: Wallwash

PHYSICAL

Shape: Rectangle  
Length (mm): 174  
Length (in): 6 7/8  
Width (mm): 42  
Width (in): 1 5/8  
Height (mm): 109  
Height (in): 4 5/16  
Light Distribution: Direct  
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  
Holder Finish: WHI / BLK  
Fixture Material: Aluminum Die Cast

ELECTRICAL

Lamp Type: LED (Zhaga Standard)  
Input Wattage (W): 19  
Total Output Wattage (W): 17.3  
Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming)  
Driver Included: Yes  
Driver Location: Integrated  
Driver Type: Constant Current - Universal  
Driver Class: Class 1  
Input Voltage (V): 120 - 277  
Constant Current (MA): 700mA

LED

Number of LEDs: 4  
Color Temperature (°K): 2700 / 3000 / 3500 / 4000  
Max. Delivered Lumen (lm): 1270 / 1270 / 1513 / 1544  
Nominal Lumen (lm): 1492 / 1492 / 1778 / 1814  
CRI: >90 CRI  
Efficiency (%): 80  
Lamp Life (hrs): 50000

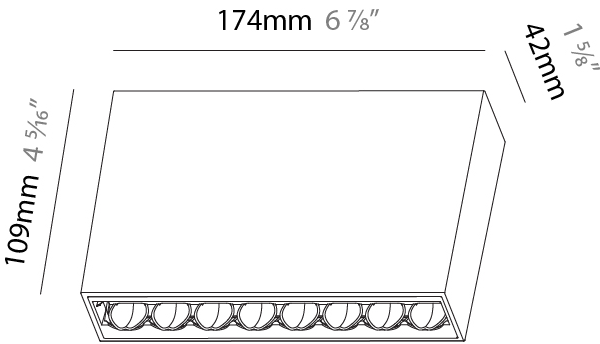
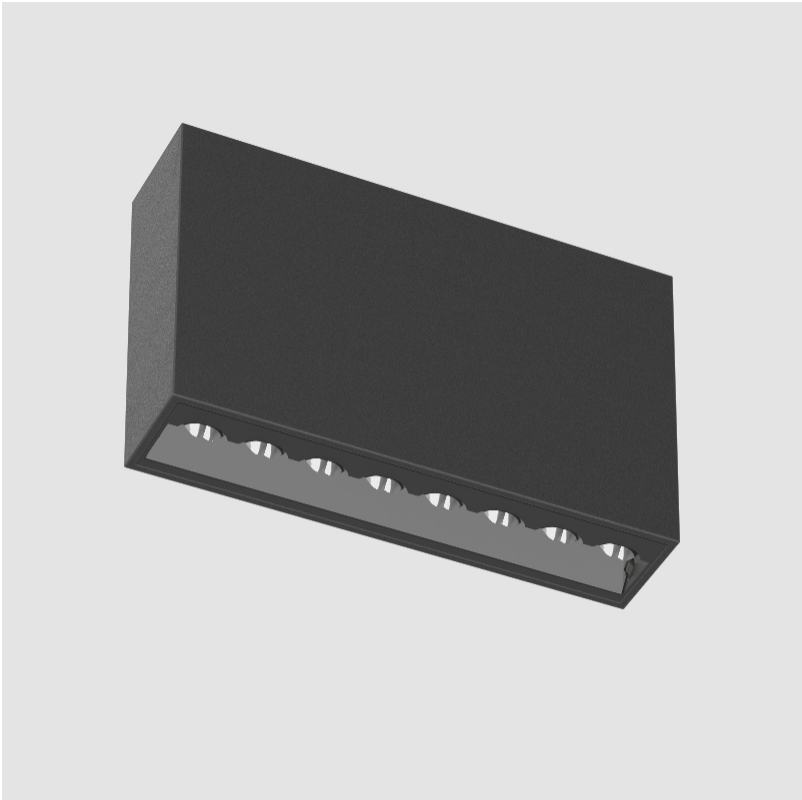
OPTICAL

Adjustability: Fixed

RATINGS AND CERTIFICATIONS

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

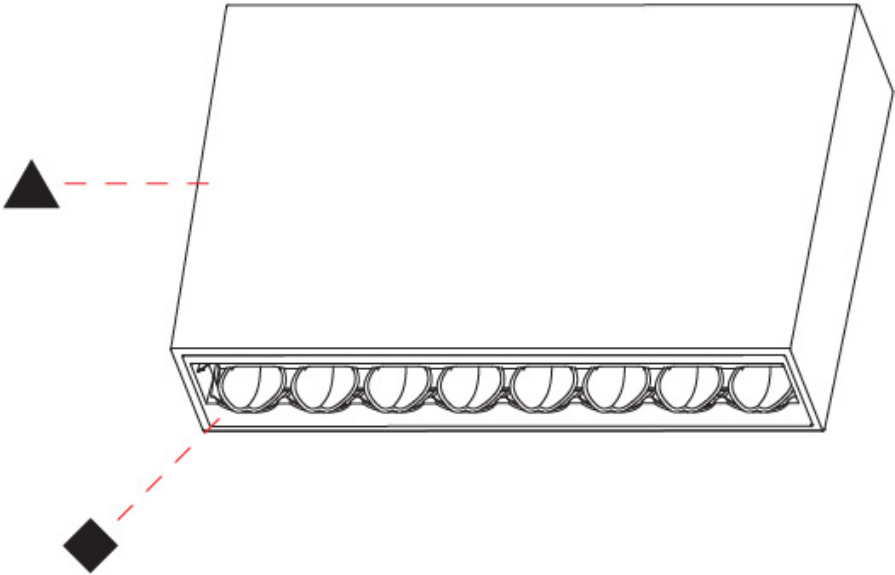
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| PROJECT   |
| TYPE      |
| SPECIFIER |
| QUANTITY  |
| DATE      |



MAGIQ HOLLOW WALLWASH SURFACE

A3D187-

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



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MAGIQ HOLLOW WALLWASH SURFACE

A3D188-

|             |                      |                   |                       |                        |
|-------------|----------------------|-------------------|-----------------------|------------------------|
| base number | Color<br>Temperature | Finish<br>Options | Finishes<br>(Diamond) | Finishes<br>(Triangle) |
|-------------|----------------------|-------------------|-----------------------|------------------------|

1. To build a product code in our configurator select the specify button on the base model # product page
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GENERAL

Series: Magiq Hollow Wallwash

Subseries: Magiq Hollow Wallwash

Brand: Prolicht

Division: Architectural

Mounting Type: Surface

Mounting Location: Ceiling

Subcategory: Wallwash

PHYSICAL

Shape: Rectangle

Length (mm): 174

Length (in): 6 7/8

Width (mm): 42

Width (in): 1 5/8

Height (mm): 109

Height (in): 4 5/16

Light Distribution: Direct

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

Holder Finish: WHI / BLK

Accent 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

Fixture Material: Aluminum Die Cast

ELECTRICAL

Lamp Type: LED (Zhaga Standard)

Input Wattage (W): 19

Total Output Wattage (W): 17.3

Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming)

Driver Included: Yes

Driver Location: Integrated

Driver Type: Constant Current - Universal

Driver Class: Class 1

Input Voltage (V): 120 - 277

Constant Current (MA): 700mA

LED

Number of LEDs: 4

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

Max. Delivered Lumen (lm): 1270 / 1270 / 1513 / 1544

Nominal Lumen (lm): 1492 / 1492 / 1778 / 1814

CRI: >90 CRI

Efficiency (%): 80

Lamp Life (hrs): 50000

OPTICAL

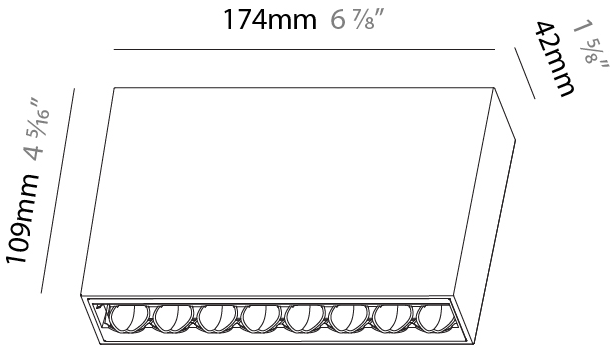
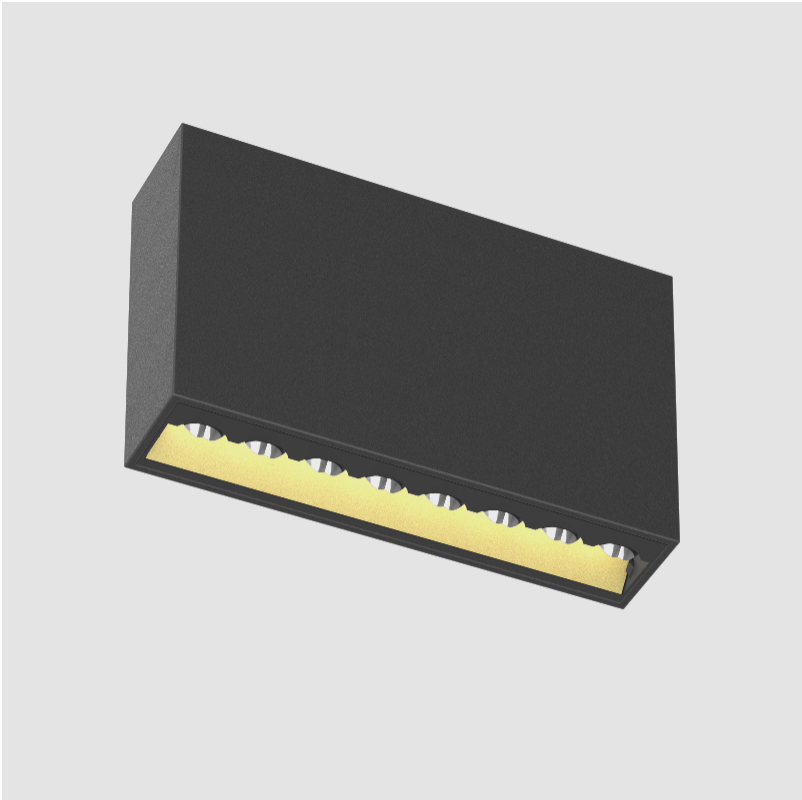
Adjustability: Fixed

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards

IP rating: IP20

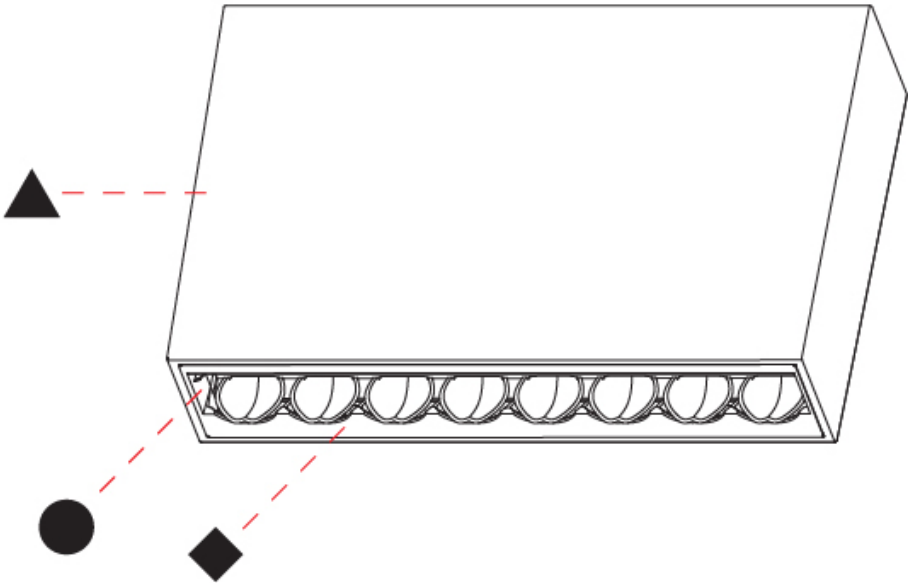
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| PROJECT   |
| TYPE      |
| SPECIFIER |
| QUANTITY  |
| DATE      |



MAGIQ HOLLOW WALLWASH SURFACE

A3D188-

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



MAGIQ HOLLOW WALLWASH  
COLOR FINISH CHART

PROJECT

TYPE

SPECIFIER

QUANTITY

DATE

Fixture Finish

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)

Holder Finish

White - WHI (WHI)

Black - BLK (BLK)



MAGIQ HOLLOW WALLWASH KORONA,MAGIQ  
HOLLOW WALLWASH  
TRIMLESS,RECESSED,SURFACE  
COLOR FINISH CHART

PROJECT

TYPE

SPECIFIER

QUANTITY

DATE

Accent Finish

|  |   |   |   |  |  |
|--|---|---|---|--|--|
| Sparkling Silver - 01 (SSR)<br>    | Black Velvet - 02 (BKV)<br>          | Crystal White - 03 (CWI)<br> | Creamy - 04 (CRY)<br>           | Hampton Bay - 05 (HAB)<br>        | Lagoon - 06 (LAG)<br>         |
| Urban Forest - 07 (UFT)<br>        | In the Army - 08 (ITA)<br>           | Rusty Angel - 09 (RUA)<br>   | Rusty Rush - 10 (RUR)<br>       | Milk and Chocolate - 11 (MIC)<br> | Fade to Gray - 12 (FTG)<br>   |
| Mysterious Gray - 13 (MYG)<br>    | Twilight - 14 (TWT)<br>             | Lost Dream - 15 (LOD)<br>   | Purple Sky - 16 (PUS)<br>      | Fresh Oh - 17 (FRO)<br>          | Funky P. - 18 (FUP)<br>      |
| Kissing Aphrodite - 19 (KIA)<br> | Poseidon's Paradise - 20 (POP)<br> | Blue Sky - 21 (BLS)<br>    | Spring Green - 22 (SPG)<br>   | Mellow Yellow - 23 (MEY)<br>    | Golden Heart - 24 (GOH)<br> |
| Gun Metal - 25 (GUM)<br>         | Champagne Cream - 26 (CHC)<br>     | Copper Mine - 27 (COM)<br> | Ancient Bronze - 28 (ABZ)<br> | Jazz Gold - 29 (JAG)<br>        |  |

**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.





## LEGEND

|  |   |  |  |  |  |
|--|---|--|--|--|--|
|  | floor-mounted   |  | pivotal  |  | 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                                   |  | color rendering index  |
|  | direct light distribution                                 |  | reflector degree selection                                   |  | color temperature  |
|  | direct/indirect light distribution                        |  | super spot   |  | lumen (luminous flux)  |
|  | indirect light distribution                               |  | lens   |  | efficacy (lumens per watt)   |
|  | asymmetric light distribution                             |  | lens pack  |  | 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) |  | 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 Certified to UL and CSA Standards  |
|  | sensor  |  | direct diffuser  |  | UL Certified to UL and CSA Standards   |
|  | remote control  |  | ball-proof (upon request)                                    |  | CSA Certified to UL and CSA Standards  |
|  | available upon request                                    |  | accessory  |  | Certified for North American Standards   |

## IP RATING

|  |  |
|--|--|
|  | protected against ingress of solid bodies greater than 12.5mm (finger)   |
|  | protected against ingress of solid bodies greater than 2.5mm<br>protected against sprays of water up to 60 degrees from the vertical (rain)      |
|  | protected against ingress of solid bodies greater than 1mm (wire)<br>no protection against the ingress of moisture                               |
|  | protected against ingress of solid bodies greater than 1mm (wire)<br>protected against sprays of water up to 60 degrees from the vertical (rain) |
|  | protected against ingress of solid bodies greater than 1mm (wire)<br>protected against water splashed from all directions                        |
|  | protected against limited ingress of dust (wet rooms/covered outdoor areas)<br>protected against water splashed from all directions              |
|  | protected against ingress of dust<br>protected against jets of water   |
|  | protected against ingress of dust<br>protected against powerful jets of water or heavy seas  |
|  | protected against ingress of dust<br>protected against immersion of water between 15cm - 1m for 30 minutes                                       |
|  | protected against ingress of dust<br>protected against immersion of water under pressure for long periods  |

## IK RATING

|  |   |
|--|---|
|  | protected against 0.14 joules impact (equivalent to 0.25kg mass dropped from 56mm above the surface)  |
|  | protected against 0.2 joules impact (equivalent to 0.25kg mass dropped from 80mm above the surface)   |
|  | protected against 0.35 joules impact (equivalent to 0.25kg mass dropped from 140mm above the surface) |
|  | protected against 0.5 joules impact (equivalent to 0.25kg mass dropped from 200mm above the surface)  |
|  | protected against 0.7 joules impact (equivalent to 0.25kg mass dropped from 280mm above the surface)  |
|  | protected against 1 joules impact (equivalent to 0.25kg mass dropped from 400mm above the surface)    |
|  | protected against 2 joules impact (equivalent to 0.5kg mass dropped from 400mm above the surface)     |
|  | protected against 5 joules impact (equivalent to 1.7kg mass dropped from 300mm above the surface)     |
|  | protected against 10 joules impact (equivalent to 5.0kg mass dropped from 200mm above the surface)    |
|  | protected against 20 joules impact (equivalent to 5.0kg mass dropped from 400mm above the surface)    |