

IDAHO 100 TRIMLESS

A35674-

|             |                |                      |                     |                      |
|-------------|----------------|----------------------|---------------------|----------------------|
| base number | LED<br>Dimming | Color<br>Temperature | Diffuser<br>Options | Ceiling<br>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: Idaho              |
| Subseries: Idaho 100       |
| Brand: Prolicht            |
| Division: Architectural    |
| Mounting Type: Trimless    |
| Mounting Location: Ceiling |
| Subcategory: Profile       |

PHYSICAL

|   |
|---|
| Shape: Rectangle  |
| Length (mm): 880  |
| Length (in): 34 5/8                                     |
| Width (mm): 100   |
| Width (in): 3 15/16                                     |
| Height (mm): 90   |
| Height (in): 3 9/16                                     |
| Ceiling Thickness (mm): 10 / 12.5 / 15                  |
| Ceiling Thickness (in): 3/8 or 1/2 or 9/16              |
| Min. Recessing Depth (mm): 135                          |
| Min. Recessing Depth (in): 5 5/16                       |
| Light Distribution: Direct                              |
| Weight (kg): 4.533                                      |
| Weight (lbs): 9.97                                      |
| Diffuser: PMMA - Opal or Micro-Prism                    |
| Fixture Material: Aluminum                              |
| Cut-out Measurements: 890mm / 35 1/16" x 115mm / 4 1/2" |
| Upon Request: Unique Sizes Unique Ceiling Thickness     |

ELECTRICAL

|  |
|--|
| Lamp Type: LED (Zhaga Standard)                                    |
| Input Wattage (W): 15  |
| Total Output Wattage (W): 12                                       |
| Dimming: Non-Dimming / Phase Dimming (120Vac only) / 0-10V Dimming |
| Driver Included: Yes   |
| Driver Location: Integrated  |
| Driver Type: Constant Current - 120 / 277Vac                       |
| Driver Class: Class 2  |
| Input Voltage (V): 120 - 277                                       |
| Constant Current (mA): 350   |

LED

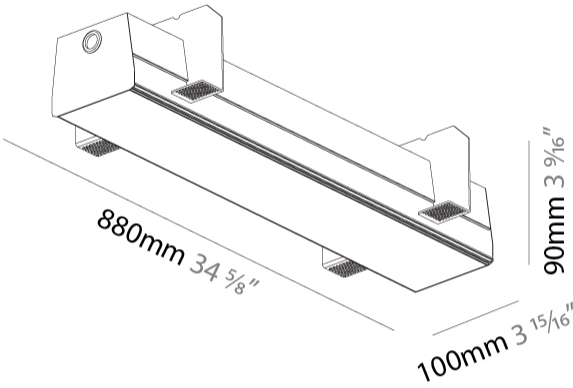
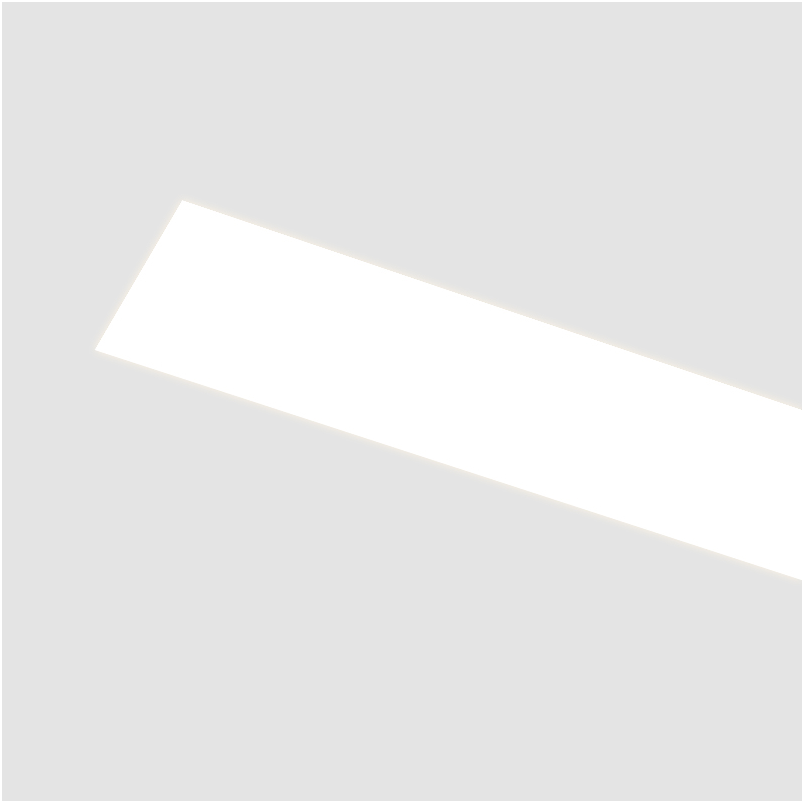
|  |
|--|
| Color Temperature (°K): 3000 / 3500 / 4000   |
| Max. Delivered Lumen (lm): 1630 / 1686 / 1720  |
| CRI: >80 CRI   |
| Lamp Life (hrs): 50000   |
| Upon Request: Special Color Temperature RGB-W Tunable White CRI (no minimum qty) price increase + longer lead time |

OPTICAL

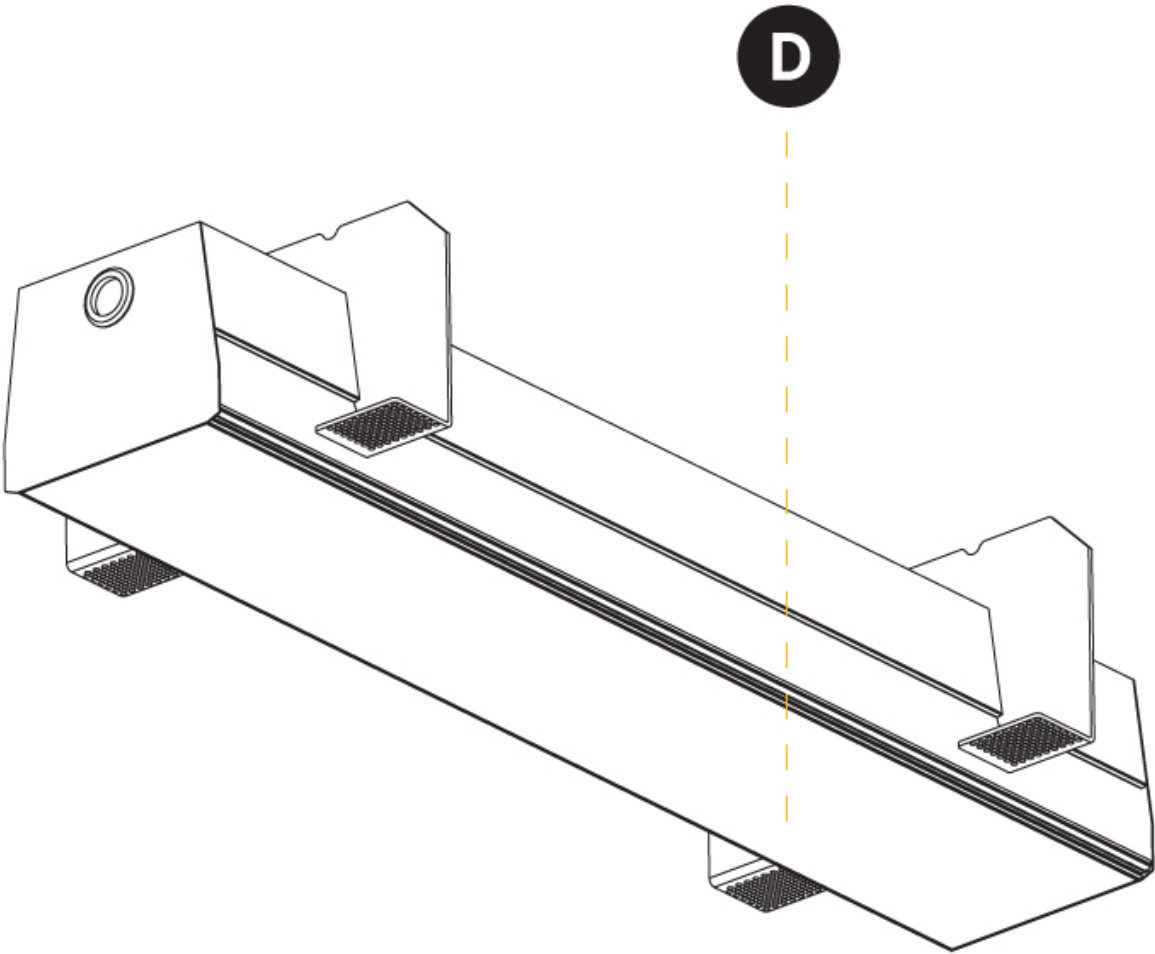
RATINGS AND CERTIFICATIONS

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

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



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IDAHO 100 TRIMLESS

A35675-

|             |                |                      |                     |                      |
|-------------|----------------|----------------------|---------------------|----------------------|
| base number | LED<br>Dimming | Color<br>Temperature | Diffuser<br>Options | Ceiling<br>Thickness |
|-------------|----------------|----------------------|---------------------|----------------------|

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GENERAL

|                            |
|----------------------------|
| Series: Idaho              |
| Subseries: Idaho 100       |
| Brand: Prolicht            |
| Division: Architectural    |
| Mounting Type: Trimless    |
| Mounting Location: Ceiling |
| Subcategory: Profile       |

PHYSICAL

|  |
|--|
| Shape: Rectangle   |
| Length (mm): 1160  |
| Length (in): 45 11/16                                    |
| Width (mm): 100  |
| Width (in): 3 15/16                                      |
| Height (mm): 90  |
| Height (in): 3 9/16                                      |
| Ceiling Thickness (mm): 10 / 12.5 / 15                   |
| Ceiling Thickness (in): 3/8 or 1/2 or 9/16               |
| Min. Recessing Depth (mm): 135                           |
| Min. Recessing Depth (in): 5 5/16                        |
| Light Distribution: Direct                               |
| Weight (kg): 5.697                                       |
| Weight (lbs): 12.53                                      |
| Diffuser: PMMA - Opal or Micro-Prism                     |
| Fixture Material: Aluminum                               |
| Cut-out Measurements: 1170mm / 46 1/16" x 115mm / 4 1/2" |
| Upon Request: Unique Sizes Unique Ceiling Thickness      |

ELECTRICAL

|  |
|--|
| Lamp Type: LED (Zhaga Standard)                                    |
| Input Wattage (W): 20  |
| Total Output Wattage (W): 16                                       |
| Dimming: Non-Dimming / Phase Dimming (120Vac only) / 0-10V Dimming |
| Driver Included: Yes   |
| Driver Location: Integrated  |
| Driver Type: Constant Current - 120 / 277Vac                       |
| Driver Class: Class 2  |
| Input Voltage (V): 120 - 277                                       |
| Constant Current (mA): 350   |

LED

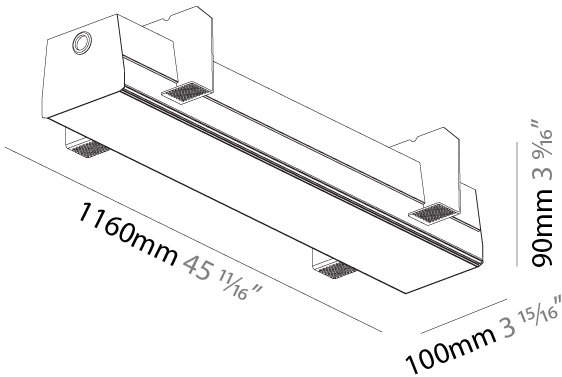
|  |
|--|
| Color Temperature (°K): 3000 / 3500 / 4000   |
| Max. Delivered Lumen (lm): 2180 / 2254 / 2300  |
| CRI: >80 CRI   |
| Lamp Life (hrs): 50000   |
| Upon Request: Special Color Temperature RGB-W Tunable White CRI (no minimum qty) price increase + longer lead time |

OPTICAL

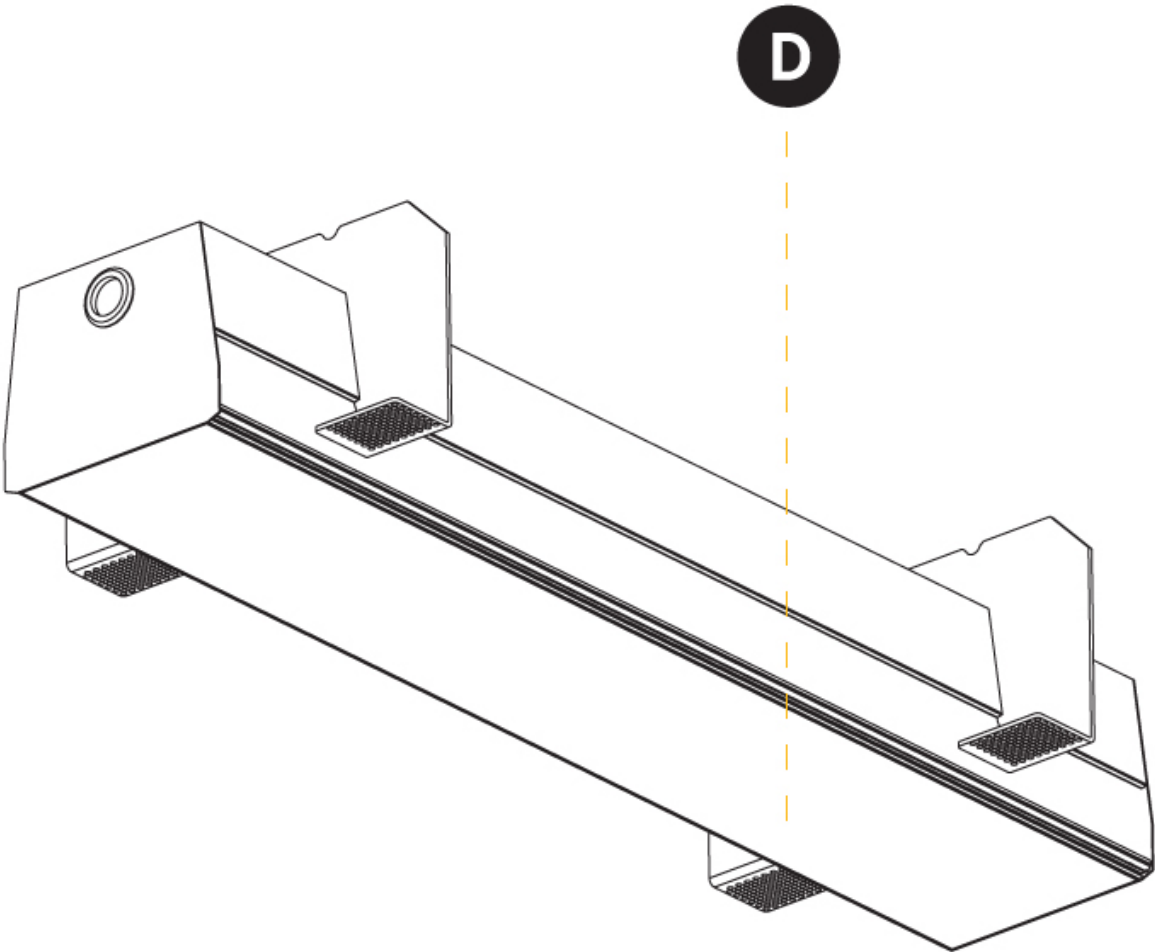
RATINGS AND CERTIFICATIONS

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| IP rating: IP20                                      |

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IDAHO 100 TRIMLESS

A35676-

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|-------------|----------------|----------------------|---------------------|----------------------|
| base number | LED<br>Dimming | Color<br>Temperature | Diffuser<br>Options | Ceiling<br>Thickness |
|-------------|----------------|----------------------|---------------------|----------------------|

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GENERAL

|                            |
|----------------------------|
| Series: Idaho              |
| Subseries: Idaho 100       |
| Brand: Prolicht            |
| Division: Architectural    |
| Mounting Type: Trimless    |
| Mounting Location: Ceiling |
| Subcategory: Profile       |

PHYSICAL

|  |
|--|
| Shape: Rectangle   |
| Length (mm): 1440  |
| Length (in): 56 11/16                                    |
| Width (mm): 100  |
| Width (in): 3 15/16                                      |
| Height (mm): 90  |
| Height (in): 3 9/16                                      |
| Ceiling Thickness (mm): 10 / 12.5 / 15                   |
| Min. Recessing Depth (mm): 135                           |
| Min. Recessing Depth (in): 5 5/16                        |
| Light Distribution: Direct                               |
| Weight (kg): 6.883                                       |
| Weight (lbs): 15.14                                      |
| Diffuser: PMMA - Opal or Micro-Prism                     |
| Fixture Material: Aluminum                               |
| Cut-out Measurements: 1450mm / 57 1/16" x 115mm / 4 1/2" |
| Upon Request: Unique Sizes Unique Ceiling Thickness      |

ELECTRICAL

|  |
|--|
| Lamp Type: LED (Zhaga Standard)                                    |
| Input Wattage (W): 25  |
| Total Output Wattage (W): 20                                       |
| Dimming: Non-Dimming / Phase Dimming (120Vac only) / 0-10V Dimming |
| Driver Included: Yes   |
| Driver Location: Integrated  |
| Driver Type: Constant Current - 120 / 277Vac                       |
| Driver Class: Class 2  |
| Input Voltage (V): 120 - 277                                       |
| Constant Current (mA): 350   |

LED

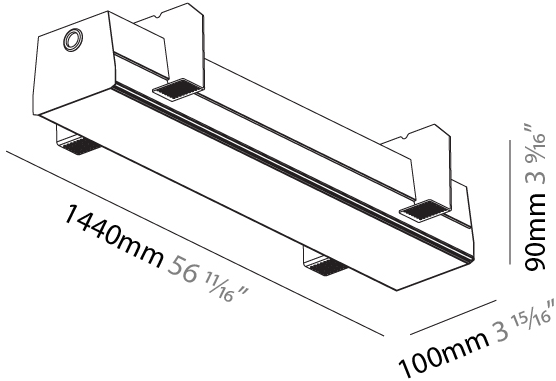
|  |
|--|
| Color Temperature (°K): 3000 / 3500 / 4000   |
| Max. Delivered Lumen (lm): 2720 / 2813 / 2870  |
| CRI: >80 CRI   |
| Lamp Life (hrs): 50000   |
| Upon Request: Special Color Temperature RGB-W Tunable White CRI (no minimum qty) price increase + longer lead time |

OPTICAL

RATINGS AND CERTIFICATIONS

|  |
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IDAHO 100 TRIMLESS

A35678-

|             |                |                      |                     |                      |
|-------------|----------------|----------------------|---------------------|----------------------|
| base number | LED<br>Dimming | Color<br>Temperature | Diffuser<br>Options | Ceiling<br>Thickness |
|-------------|----------------|----------------------|---------------------|----------------------|

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GENERAL

|                            |
|----------------------------|
| Series: Idaho              |
| Subseries: Idaho 100       |
| Brand: Prolicht            |
| Division: Architectural    |
| Mounting Type: Trimless    |
| Mounting Location: Ceiling |
| Subcategory: Profile       |

PHYSICAL

|   |
|---|
| Shape: Rectangle  |
| Length (mm): 2000                                       |
| Length (in): 78 3/4                                     |
| Width (mm): 100   |
| Width (in): 3 15/16                                     |
| Height (mm): 90   |
| Height (in): 3 9/16                                     |
| Ceiling Thickness (mm): 10 / 12.5 / 15                  |
| Ceiling Thickness (in): 3/8 or 1/2 or 9/16              |
| Min. Recessing Depth (mm): 135                          |
| Min. Recessing Depth (in): 5 5/16                       |
| Light Distribution: Direct                              |
| Weight (kg): 9.489                                      |
| Weight (lbs): 20.88                                     |
| Diffuser: PMMA - Opal or Micro-Prism                    |
| Fixture Material: Aluminum                              |
| Cut-out Measurements: 2010mm / 79 1/8" x 115mm / 4 1/2" |
| Upon Request: Unique Sizes Unique Ceiling Thickness     |

ELECTRICAL

|  |
|--|
| Lamp Type: LED (Zhaga Standard)                                    |
| Input Wattage (W): 35  |
| Total Output Wattage (W): 28                                       |
| Dimming: Non-Dimming / Phase Dimming (120Vac only) / 0-10V Dimming |
| Driver Included: Yes   |
| Driver Location: Integrated  |
| Driver Type: Constant Current - 120 / 277Vac                       |
| Driver Class: Class 2  |
| Input Voltage (V): 120 - 277                                       |
| Constant Current (mA): 350   |

LED

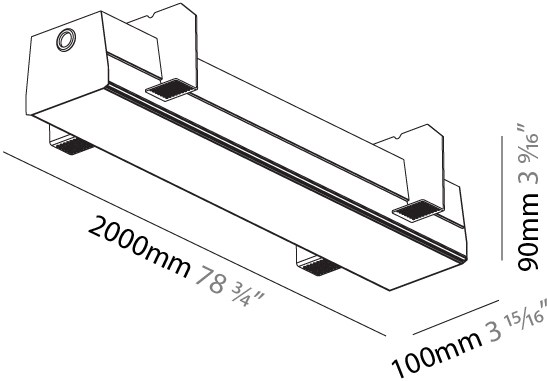
|  |
|--|
| Color Temperature (°K): 3000 / 3500 / 4000   |
| Max. Delivered Lumen (lm): 3810 / 3940 / 4020  |
| CRI: >80 CRI   |
| Lamp Life (hrs): 50000   |
| Upon Request: Special Color Temperature RGB-W Tunable White CRI (no minimum qty) price increase + longer lead time |

OPTICAL

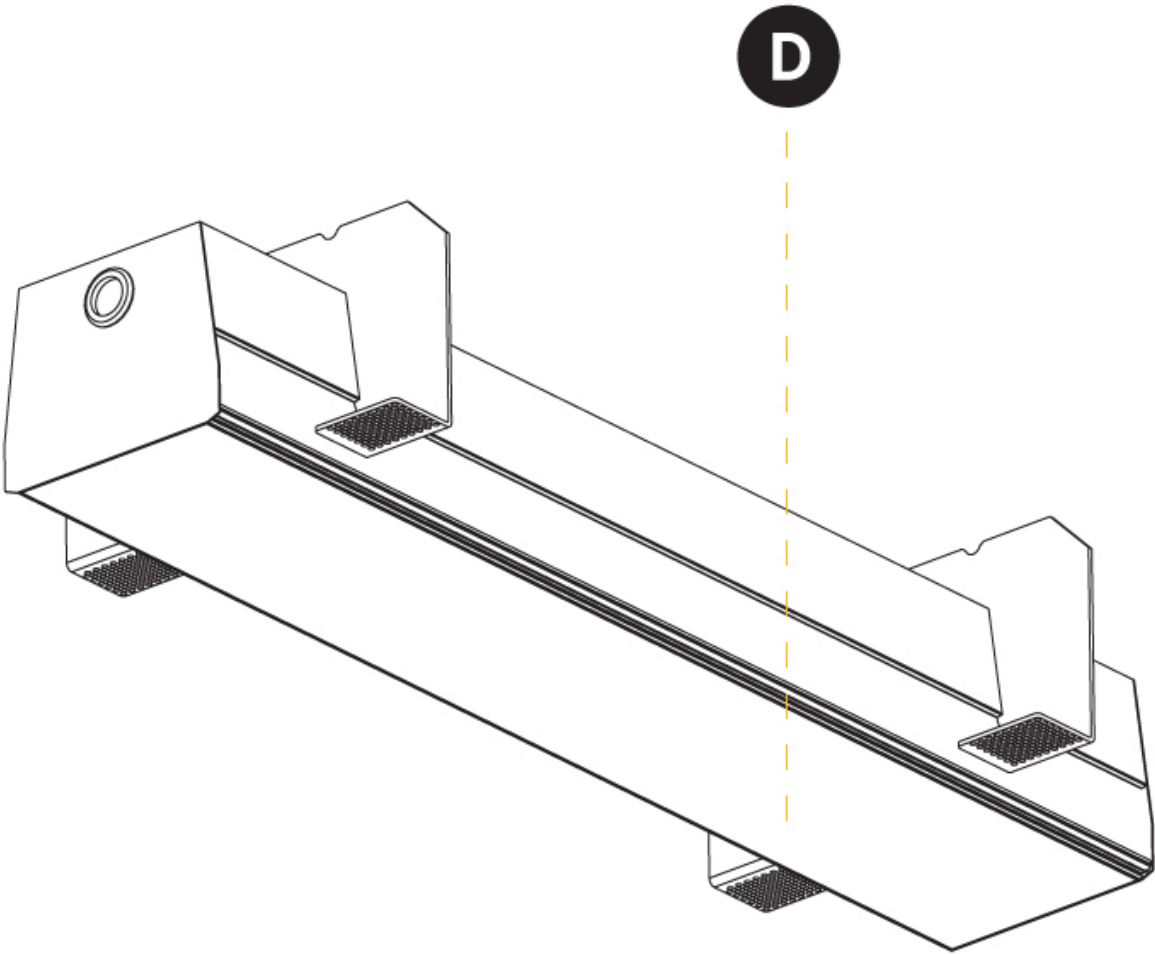
RATINGS AND CERTIFICATIONS

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| IP rating: IP20                                      |

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Fixture Finish

**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)    |