

GROOVE ROUND TRIMLESS

A35654-

|             |                |                      |                       |                      |
|-------------|----------------|----------------------|-----------------------|----------------------|
| base number | LED<br>Dimming | Color<br>Temperature | Finishes<br>(Diamond) | 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: Groove             |
| Subseries: Groove Round    |
| Brand: Prolicht            |
| Division: Architectural    |
| Mounting Type: Trimless    |
| Mounting Location: Ceiling |
| Subcategory: Profile       |

PHYSICAL

|                                                                                                                                                                                       |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Shape: Oblong                                                                                                                                                                         |
| Length (mm): 950                                                                                                                                                                      |
| Length (in): 37 3/8                                                                                                                                                                   |
| Width (mm): 75                                                                                                                                                                        |
| Width (in): 2 15/16                                                                                                                                                                   |
| Height (mm): 135                                                                                                                                                                      |
| Height (in): 5 5/16                                                                                                                                                                   |
| Ceiling Thickness (mm): 10 / 12.5 / 15                                                                                                                                                |
| Ceiling Thickness (in): 3/8 or 1/2 or 9/16                                                                                                                                            |
| Min. Recessing Depth (mm): 170                                                                                                                                                        |
| Min. Recessing Depth (in): 6 11/16                                                                                                                                                    |
| Light Distribution: Direct                                                                                                                                                            |
| Weight (kg): 4.115                                                                                                                                                                    |
| Weight (lbs): 9.1                                                                                                                                                                     |
| Installation Requirement: Ceiling Thickness: 10mm / 12mm / 15mm                                                                                                                       |
| Diffuser: PMMA - Opal                                                                                                                                                                 |
| 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                                                                                                                                                            |
| Cut-out Measurements: 968mm / 38 1/8" x 92mm / 3 5/8"                                                                                                                                 |
| Upon Request: Unique Sizes Unique Ceiling Thickness                                                                                                                                   |

ELECTRICAL

|                                                      |
|------------------------------------------------------|
| Lamp Type: LED (Zhaga Standard)                      |
| Input Wattage (W): 15.2                              |
| Total Output Wattage (W): 12 / 11.1 (3500K)          |
| Dimming: 0-10V Dimming / Phase Dimming (120Vac Only) |
| 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 / 375 (3500K)             |

LED

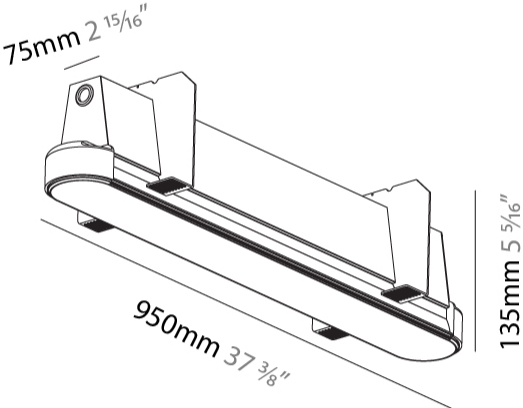
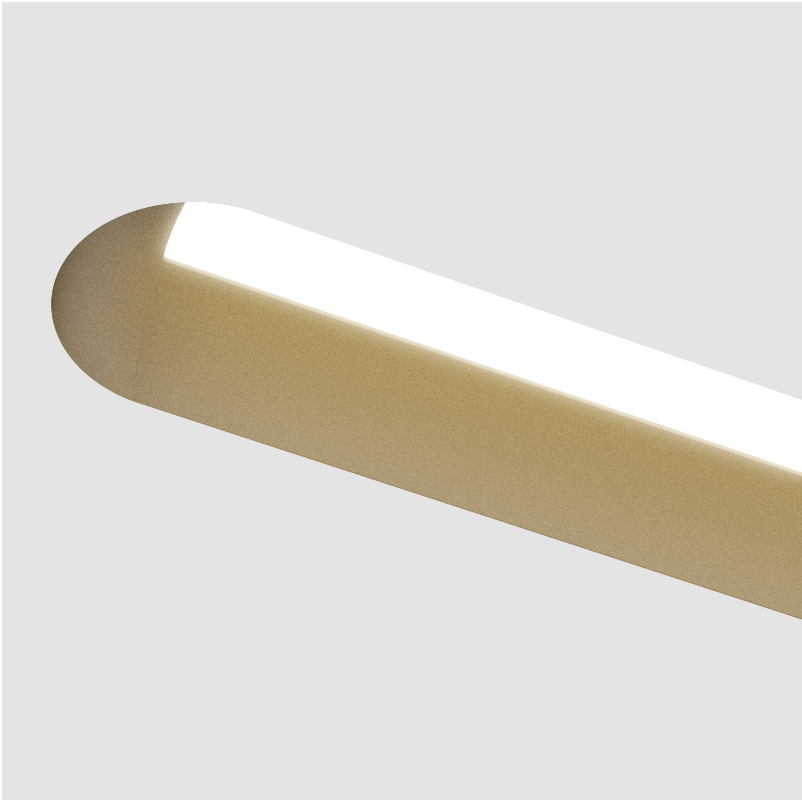
|                                                                                                                    |
|--------------------------------------------------------------------------------------------------------------------|
| Color Temperature (°K): 3000 / 3500 / 4000                                                                         |
| Max. Delivered Lumen (lm): 1030 / 1058 / 1080                                                                      |
| CRI: >90 CRI                                                                                                       |
| Lamp Life (hrs): 50000                                                                                             |
| Upon Request: Special Color Temperature RGB-W Tunable White CRI (no minimum qty) price increase + longer lead time |

OPTICAL

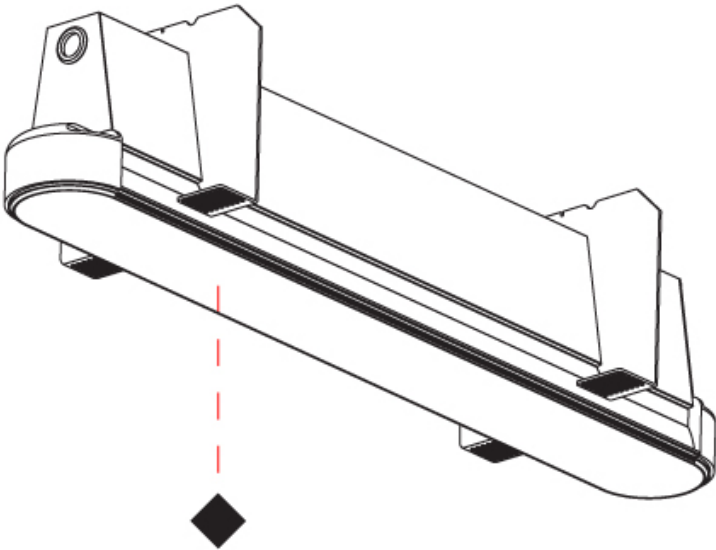
RATINGS AND CERTIFICATIONS

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

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



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| PROJECT   |
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| DATE      |



GROOVE ROUND TRIMLESS

A35655-

|             |                |                      |                       |                      |
|-------------|----------------|----------------------|-----------------------|----------------------|
| base number | LED<br>Dimming | Color<br>Temperature | Finishes<br>(Diamond) | 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: Groove             |
| Subseries: Groove Round    |
| Brand: Prolicht            |
| Division: Architectural    |
| Mounting Type: Trimless    |
| Mounting Location: Ceiling |
| Subcategory: Profile       |

PHYSICAL

|                                                                                                                                                                                       |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Shape: Oblong                                                                                                                                                                         |
| Length (mm): 1230                                                                                                                                                                     |
| Length (in): 48 7/16                                                                                                                                                                  |
| Width (mm): 75                                                                                                                                                                        |
| Width (in): 2 15/16                                                                                                                                                                   |
| Height (mm): 135                                                                                                                                                                      |
| Height (in): 5 5/16                                                                                                                                                                   |
| Ceiling Thickness (mm): 10 / 12.5 / 15                                                                                                                                                |
| Ceiling Thickness (in): 3/8 or 1/2 or 9/16                                                                                                                                            |
| Min. Recessing Depth (mm): 170                                                                                                                                                        |
| Min. Recessing Depth (in): 6 11/16                                                                                                                                                    |
| Light Distribution: Direct                                                                                                                                                            |
| Weight (kg): 5.033                                                                                                                                                                    |
| Weight (lbs): 11.07                                                                                                                                                                   |
| Installation Requirement: Ceiling Thickness: 10mm / 12mm / 15mm                                                                                                                       |
| Diffuser: PMMA - Opal                                                                                                                                                                 |
| 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                                                                                                                                                            |
| Cut-out Measurements: 1248mm / 49 1/8" x 92mm / 3 5/8"                                                                                                                                |
| Upon Request: Unique Sizes Unique Ceiling Thickness                                                                                                                                   |

ELECTRICAL

|                                                      |
|------------------------------------------------------|
| Lamp Type: LED (Zhaga Standard)                      |
| Input Wattage (W): 20.2                              |
| Total Output Wattage (W): 16 / 12.8 (3500K)          |
| Dimming: 0-10V Dimming / Phase Dimming (120Vac Only) |
| 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 / 400 (3500K)             |

LED

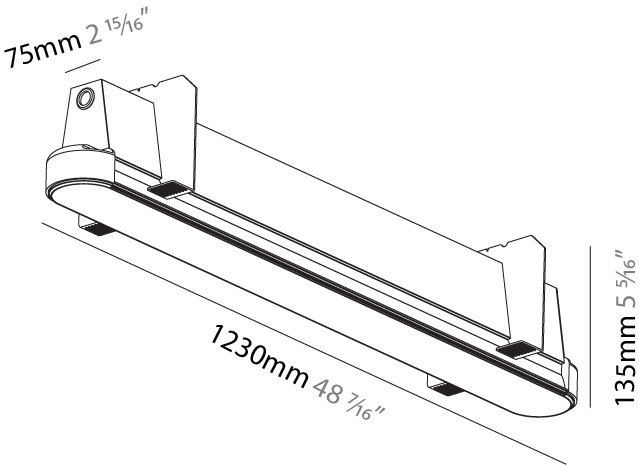
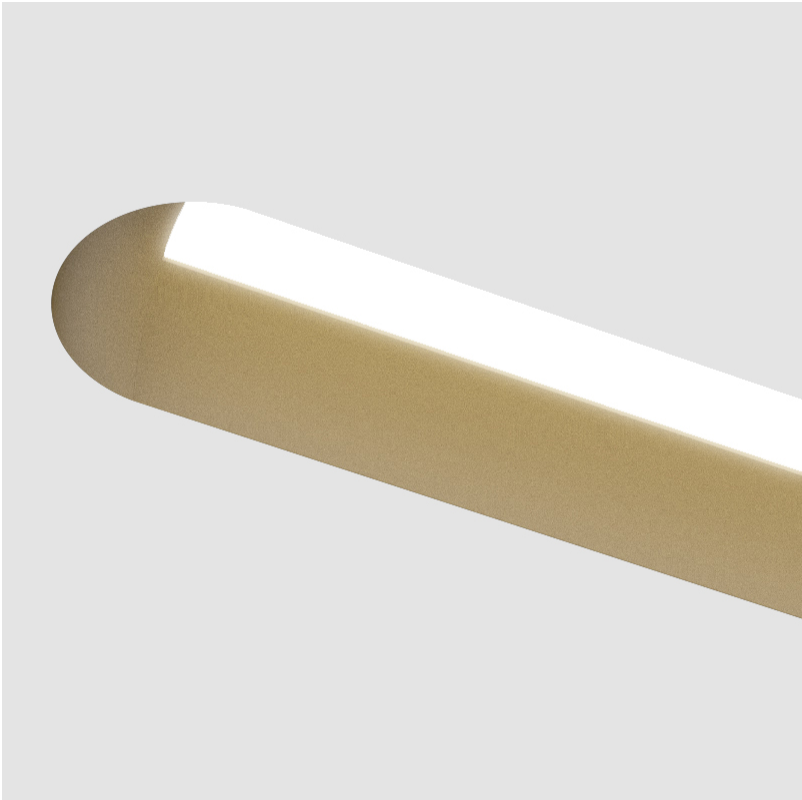
|                                                                                                                    |
|--------------------------------------------------------------------------------------------------------------------|
| Color Temperature (°K): 3000 / 3500 / 4000                                                                         |
| Max. Delivered Lumen (lm): 1370 / 1421 / 1450                                                                      |
| CRI: >90 CRI                                                                                                       |
| Lamp Life (hrs): 50000                                                                                             |
| Upon Request: Special Color Temperature RGB-W Tunable White CRI (no minimum qty) price increase + longer lead time |

OPTICAL

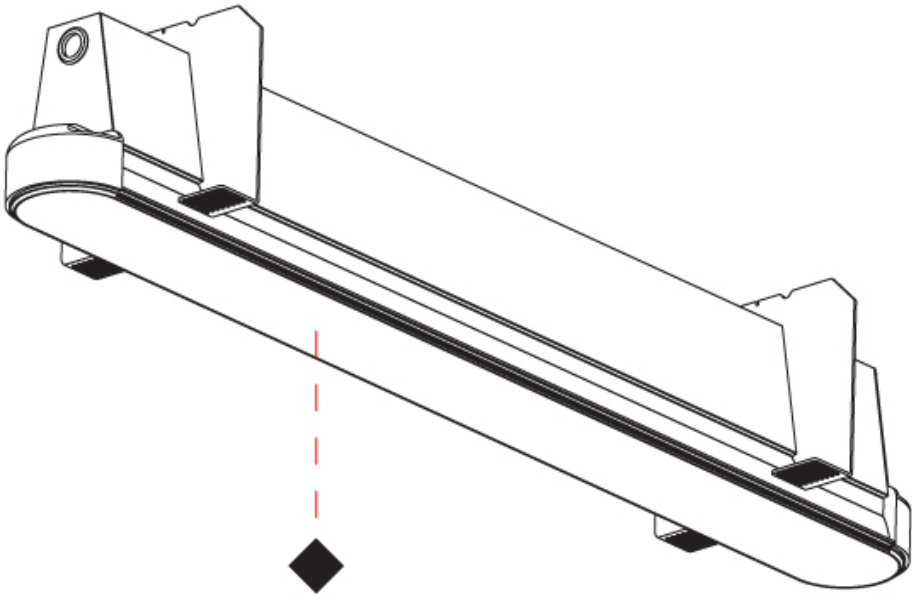
RATINGS AND CERTIFICATIONS

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

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| PROJECT   |
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GROOVE ROUND TRIMLESS

A35656-

|             |                |                      |                       |                      |
|-------------|----------------|----------------------|-----------------------|----------------------|
| base number | LED<br>Dimming | Color<br>Temperature | Finishes<br>(Diamond) | Ceiling<br>Thickness |
|-------------|----------------|----------------------|-----------------------|----------------------|

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GENERAL

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

PHYSICAL

|                                                                                                                                                                                       |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Shape: Oblong                                                                                                                                                                         |
| Length (mm): 1510                                                                                                                                                                     |
| Length (in): 59 7/16                                                                                                                                                                  |
| Width (mm): 75                                                                                                                                                                        |
| Width (in): 2 15/16                                                                                                                                                                   |
| Height (mm): 135                                                                                                                                                                      |
| Height (in): 5 5/16                                                                                                                                                                   |
| Ceiling Thickness (mm): 10 / 12.5 / 15                                                                                                                                                |
| Ceiling Thickness (in): 3/8 or 1/2 or 9/16                                                                                                                                            |
| Min. Recessing Depth (mm): 170                                                                                                                                                        |
| Min. Recessing Depth (in): 6 11/16                                                                                                                                                    |
| Light Distribution: Direct                                                                                                                                                            |
| Weight (kg): 5.949                                                                                                                                                                    |
| Weight (lbs): 13.09                                                                                                                                                                   |
| Installation Requirement: Ceiling Thickness: 10mm / 12mm / 15mm                                                                                                                       |
| Diffuser: PMMA - Opal                                                                                                                                                                 |
| 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                                                                                                                                                            |
| Cut-out Measurements: 1528mm / 60 3/16" x 92mm / 3 5/8"                                                                                                                               |
| Upon Request: Unique Sizes Unique Ceiling Thickness                                                                                                                                   |

ELECTRICAL

|                                                      |
|------------------------------------------------------|
| Lamp Type: LED (Zhaga Standard)                      |
| Input Wattage (W): 25.3                              |
| Total Output Wattage (W): 20 / 16 (3500K)            |
| Dimming: 0-10V Dimming / Phase Dimming (120Vac Only) |
| 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 / 500 (3500K)             |

LED

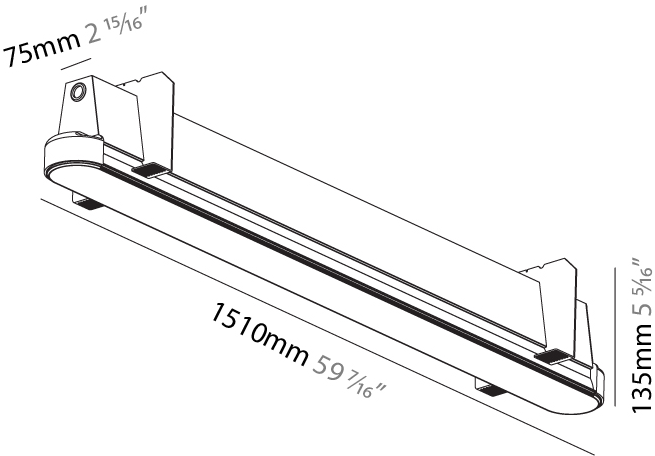
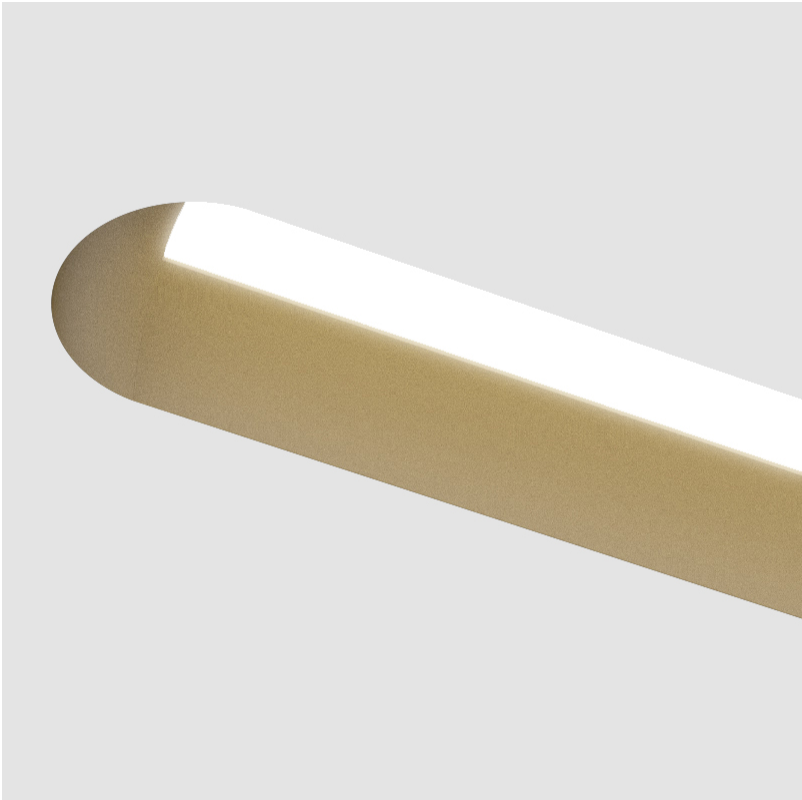
|                                                                                                                    |
|--------------------------------------------------------------------------------------------------------------------|
| Color Temperature (°K): 3000 / 3500 / 4000                                                                         |
| Max. Delivered Lumen (lm): 1710 / 1774 / 1810                                                                      |
| CRI: >90 CRI                                                                                                       |
| Lamp Life (hrs): 50000                                                                                             |
| Upon Request: Special Color Temperature RGB-W Tunable White CRI (no minimum qty) price increase + longer lead time |

OPTICAL

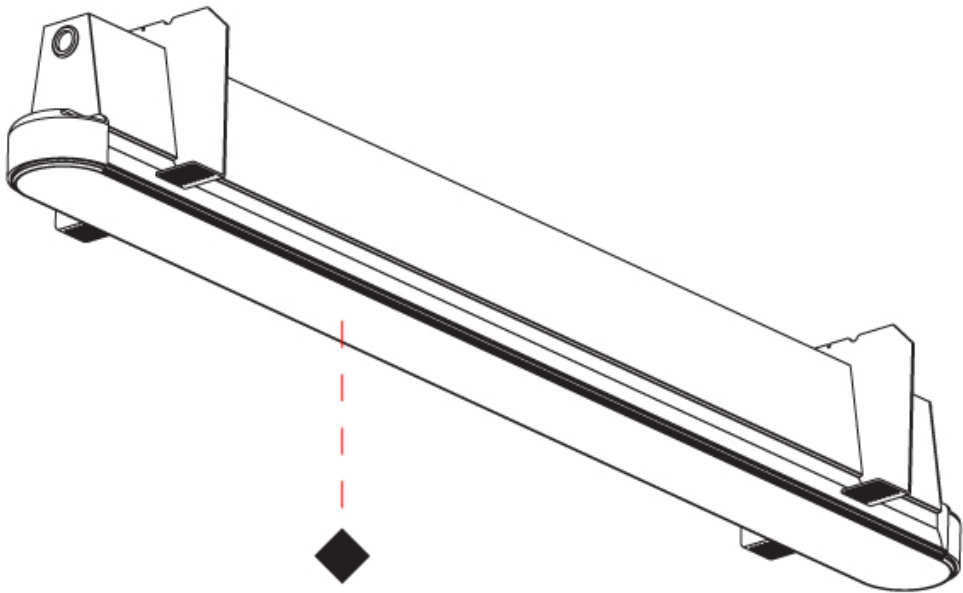
RATINGS AND CERTIFICATIONS

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

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GROOVE ROUND TRIMLESS

A35657-

|             |                |                      |                       |                      |
|-------------|----------------|----------------------|-----------------------|----------------------|
| base number | LED<br>Dimming | Color<br>Temperature | Finishes<br>(Diamond) | Ceiling<br>Thickness |
|-------------|----------------|----------------------|-----------------------|----------------------|

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: Groove             |
| Subseries: Groove Round    |
| Brand: Prolicht            |
| Division: Architectural    |
| Mounting Type: Trimless    |
| Mounting Location: Ceiling |
| Subcategory: Profile       |

PHYSICAL

|                                                                                                                                                                                       |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Shape: Oblong                                                                                                                                                                         |
| Length (mm): 1790                                                                                                                                                                     |
| Length (in): 70 1/2                                                                                                                                                                   |
| Width (mm): 75                                                                                                                                                                        |
| Width (in): 2 15/16                                                                                                                                                                   |
| Height (mm): 135                                                                                                                                                                      |
| Height (in): 5 5/16                                                                                                                                                                   |
| Ceiling Thickness (mm): 10 / 12.5 / 15                                                                                                                                                |
| Ceiling Thickness (in): 3/8 or 1/2 or 9/16                                                                                                                                            |
| Min. Recessing Depth (mm): 170                                                                                                                                                        |
| Min. Recessing Depth (in): 6 11/16                                                                                                                                                    |
| Light Distribution: Direct                                                                                                                                                            |
| Weight (kg): 7.141                                                                                                                                                                    |
| Weight (lbs): 15.71                                                                                                                                                                   |
| Installation Requirement: Ceiling Thickness: 10mm / 12mm / 15mm                                                                                                                       |
| Diffuser: PMMA - Opal                                                                                                                                                                 |
| 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                                                                                                                                                            |
| Cut-out Measurements: 1808mm / 71 3/16" x 92mm / 3 5/8"                                                                                                                               |
| Upon Request: Unique Sizes Unique Ceiling Thickness                                                                                                                                   |

ELECTRICAL

|                                                      |
|------------------------------------------------------|
| Lamp Type: LED (Zhaga Standard)                      |
| Input Wattage (W): 30.4                              |
| Total Output Wattage (W): 24 / 19.2 (3500K)          |
| Dimming: 0-10V Dimming / Phase Dimming (120Vac Only) |
| 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 / 600 (3500K)             |

LED

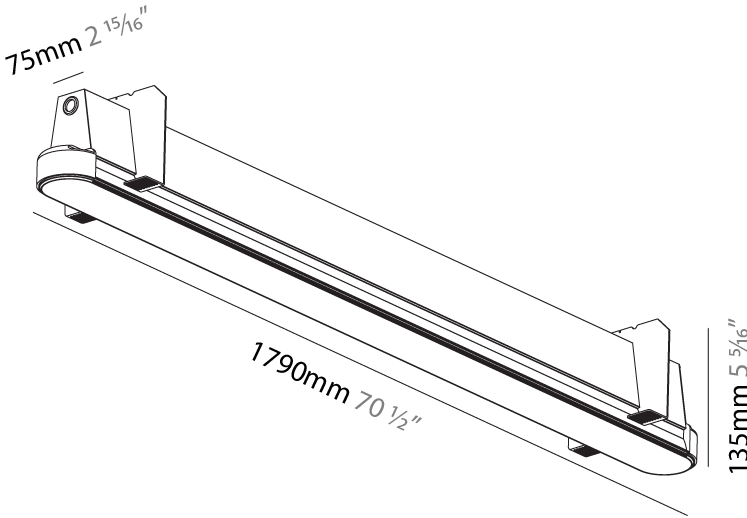
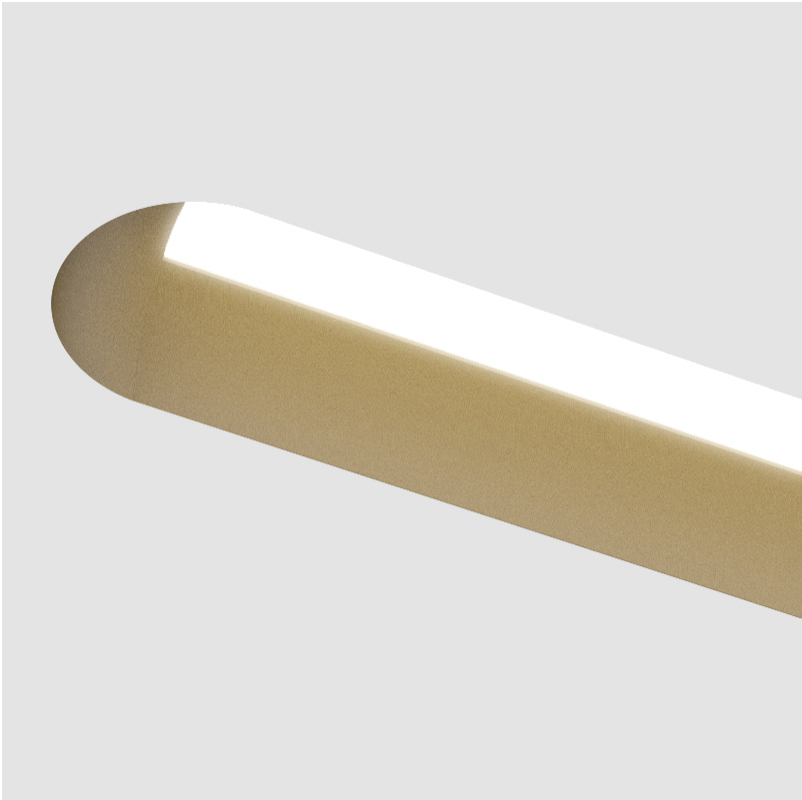
|                                                                                                                    |
|--------------------------------------------------------------------------------------------------------------------|
| Color Temperature (°K): 3000 / 3500 / 4000                                                                         |
| Max. Delivered Lumen (lm): 2050 / 2127 / 2170                                                                      |
| CRI: >90 CRI                                                                                                       |
| Lamp Life (hrs): 50000                                                                                             |
| Upon Request: Special Color Temperature RGB-W Tunable White CRI (no minimum qty) price increase + longer lead time |

OPTICAL

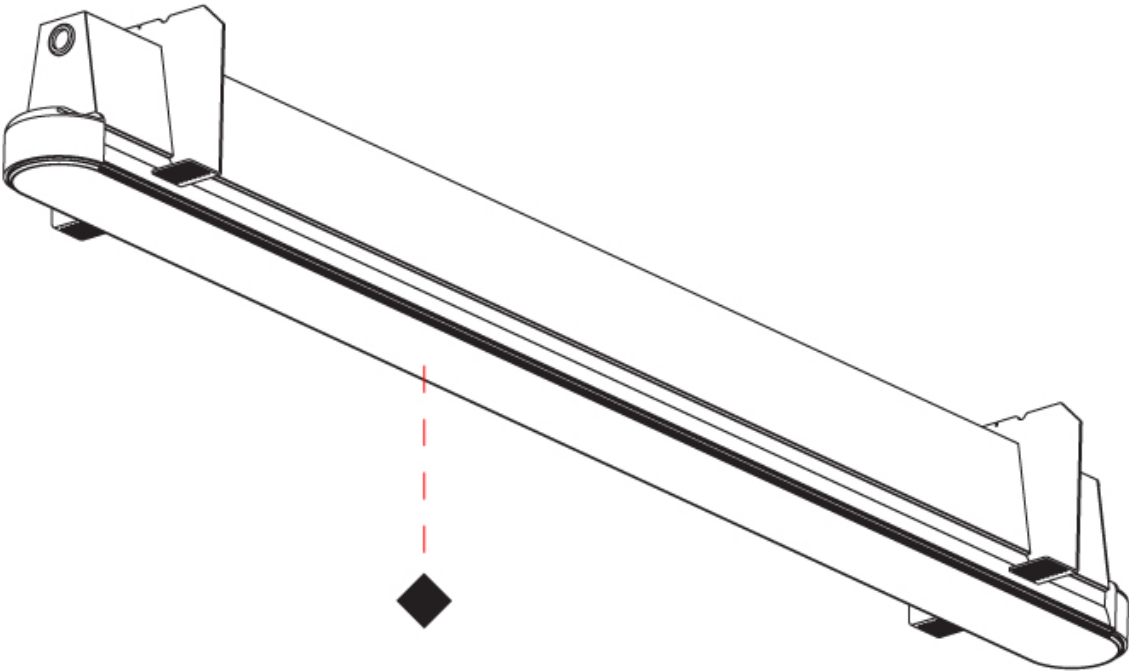
RATINGS AND CERTIFICATIONS

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

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



GROOVE ROUND TRIMLESS

A35658-

|             |                |                      |                       |                      |
|-------------|----------------|----------------------|-----------------------|----------------------|
| base number | LED<br>Dimming | Color<br>Temperature | Finishes<br>(Diamond) | Ceiling<br>Thickness |
|-------------|----------------|----------------------|-----------------------|----------------------|

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: Groove             |
| Subseries: Groove Round    |
| Brand: Prolicht            |
| Division: Architectural    |
| Mounting Type: Trimless    |
| Mounting Location: Ceiling |
| Subcategory: Profile       |

PHYSICAL

|                                                                                                                                                                                       |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Shape: Oblong                                                                                                                                                                         |
| Length (mm): 2070                                                                                                                                                                     |
| Length (in): 81 1/2                                                                                                                                                                   |
| Width (mm): 75                                                                                                                                                                        |
| Width (in): 2 15/16                                                                                                                                                                   |
| Height (mm): 135                                                                                                                                                                      |
| Height (in): 5 5/16                                                                                                                                                                   |
| Ceiling Thickness (mm): 10 / 12.5 / 15                                                                                                                                                |
| Ceiling Thickness (in): 3/8 or 1/2 or 9/16                                                                                                                                            |
| Min. Recessing Depth (mm): 170                                                                                                                                                        |
| Min. Recessing Depth (in): 6 11/16                                                                                                                                                    |
| Light Distribution: Direct                                                                                                                                                            |
| Weight (kg): 15.71                                                                                                                                                                    |
| Weight (lbs): 17.73                                                                                                                                                                   |
| Installation Requirement: Ceiling Thickness: 10mm / 12mm / 15mm                                                                                                                       |
| Diffuser: PMMA - Opal                                                                                                                                                                 |
| 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                                                                                                                                                            |
| Cut-out Measurements: 2088mm / 82 3/16" x 92mm / 3 5/8"                                                                                                                               |
| Upon Request: Unique Sizes Unique Ceiling Thickness                                                                                                                                   |

ELECTRICAL

|                                                      |
|------------------------------------------------------|
| Lamp Type: LED (Zhaga Standard)                      |
| Input Wattage (W): 35.4                              |
| Total Output Wattage (W): 28 / 22.4 (3500K)          |
| Dimming: 0-10V Dimming / Phase Dimming (120Vac Only) |
| 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 / 700 (3500K)             |

LED

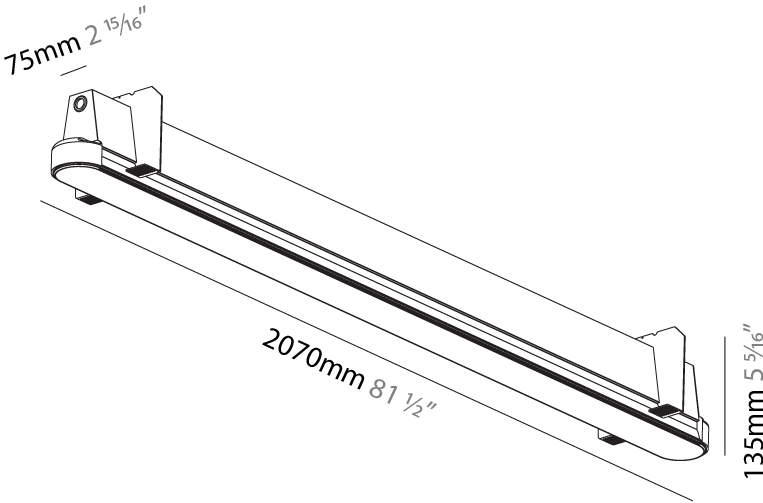
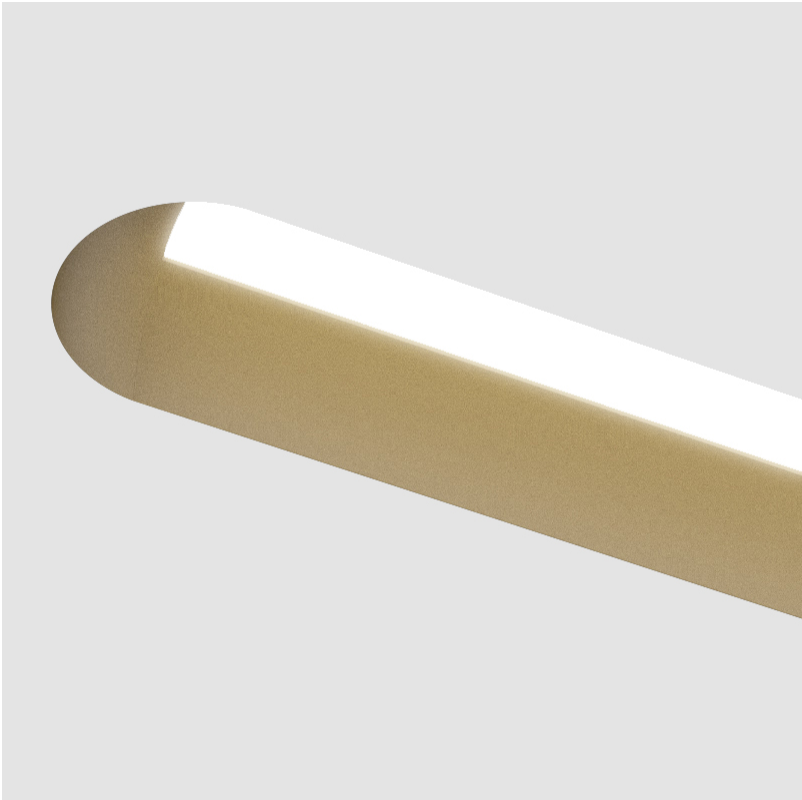
|                                                                                                                    |
|--------------------------------------------------------------------------------------------------------------------|
| Color Temperature (°K): 3000 / 3500 / 4000                                                                         |
| Max. Delivered Lumen (lm): 2400 / 2479 / 2530                                                                      |
| CRI: >90 CRI                                                                                                       |
| Lamp Life (hrs): 50000                                                                                             |
| Upon Request: Special Color Temperature RGB-W Tunable White CRI (no minimum qty) price increase + longer lead time |

OPTICAL

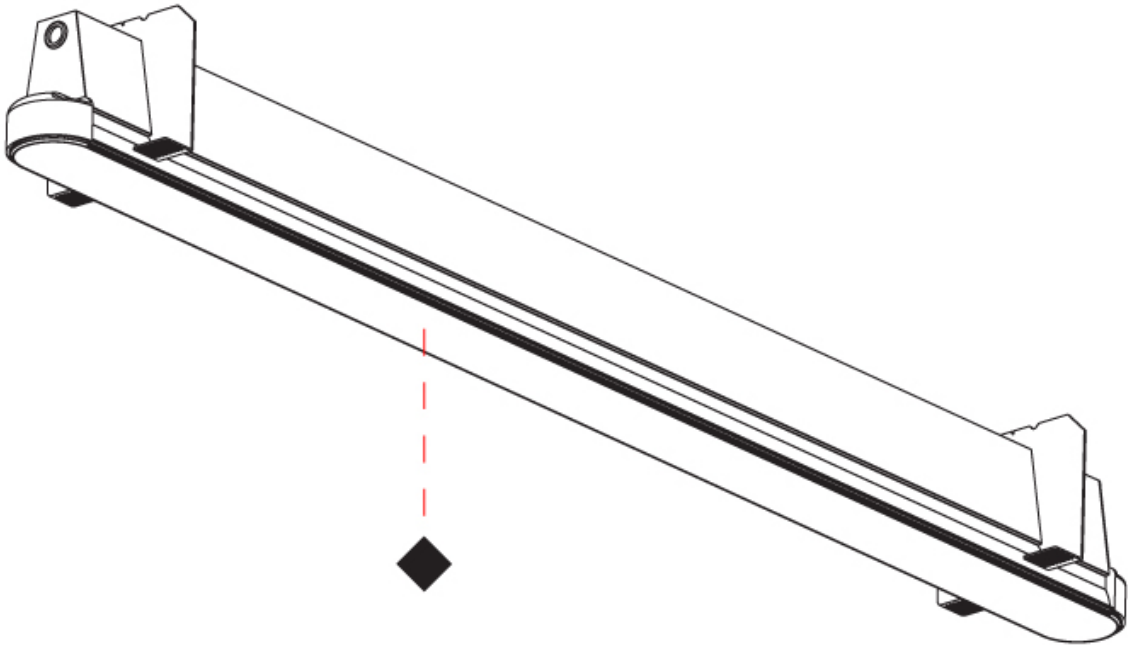
RATINGS AND CERTIFICATIONS

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

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PROJECT

TYPE

SPECIFIER

QUANTITY

DATE

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)

**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)    |