

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

## INVADER ADJUSTABLE TRIMLESS

### A35525-

|             |             |                    |                     |                   |                   |
|-------------|-------------|--------------------|---------------------|-------------------|-------------------|
| base number | LED Dimming | Finishes (Diamond) | Finishes (Triangle) | Ceiling Thickness | Reflector Options |
|-------------|-------------|--------------------|---------------------|-------------------|-------------------|

- To build a product code in our configurator select the specify button on the base model # product page
- 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: Invader Standard       |
| Subseries: Invader Adjustable  |
| Partner: Prolicht              |
| Division: Architectural        |
| Installation: Trimless         |
| Product Type: Downlight        |
| Mounting Location: Ceiling     |
| Light Distribution: Adjustable |

#### PHYSICAL

|   |
|---|
| Aperture Sizes - Downlights: 3"   |
| Shape: Round  |
| Diameter (mm): 90   |
| Diameter (in): 3 9/16   |
| Height (mm): 126  |
| Height (in): 4 5/16   |
| Ceiling Thickness (mm): 10 / 12.5 / 15  |
| Ceiling Thickness (in): 3/8 or 1/2 or 9/16  |
| Min. Recessing Depth (mm): 115  |
| Min. Recessing Depth (in): 4 1/2  |
| Weight (kg): 0.65   |
| Weight (lbs): 1.43  |
| Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / CHC / COM / ABZ / JAG / OBR / MOS / ROR |
| Fixture Material: Aluminum  |
| Cut-out Measurements: 115mm / 4 1/2"  |
| Upon Request: Unique Sizes Unique Ceiling Thickness   |

#### ELECTRICAL

|  |
|--|
| Lamp Type: LED (Zhaga Standard)        |
| Input Wattage (W): 16.5                |
| Total Output Wattage (W): 14.7         |
| Dimming: Dali Dimming                  |
| Driver Included: No                    |
| Driver Location: Recessed Housing      |
| Driver Type: Constant Current - 120Vac |
| Driver Class: Class 2                  |
| Housing: See components                |
| Input Voltage (V): 120                 |
| Constant Current (MA): 350             |

#### LED

|   |
|---|
| Number of LEDs: 1   |
| Color Temperature (°K): Warm Dim  |
| Max. Delivered Lumen (lm): 770  |
| CRI: >90 CRI  |
| Lamp Life (hrs): 50000  |
| Upon Request: RGB-W Tunable White Special Color Temperature Special LED |

#### OPTICAL

|  |
|--|
| Reflector: 20 / 40 / 60                  |
| Adjustability: Rotational 180°; Tilt 30° |

#### RATINGS AND CERTIFICATIONS

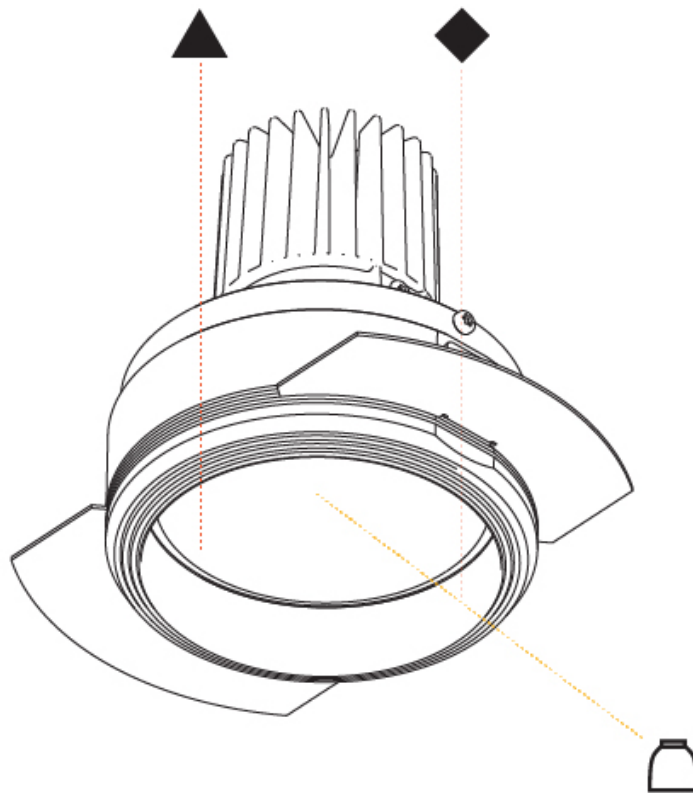
|  |
|--|
| Certified By: Certified for North American Standards |
| IP rating: IP20                                      |



## INVADER ADJUSTABLE TRIMLESS

A35525-

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

## INVADER STANDARD RECESSED

### A35538-

base number      Finishes (Diamond)      Reflector Options

- To build a product code in our configurator select the specify button on the base model # product page
- 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: Invader Standard  
 Partner: Prolicht  
 Division: Architectural  
 Installation: Recessed  
 Product Type: Downlight  
 Mounting Location: Ceiling  
 Light Distribution: Downlight

#### PHYSICAL

Aperture Sizes - Downlights: 3"  
 Shape: Round  
 Diameter (mm): 85  
 Diameter (in): 3 3/8  
 Height (mm): 105  
 Height (in): 4 1/8  
 Ceiling Thickness (mm): 5 - 30  
 Ceiling Thickness (in): 1/16 - 1 3/16  
 Min. Recessing Depth (mm): 110  
 Min. Recessing Depth (in): 4 5/16  
 Weight (kg): 0.319  
 Weight (lbs): 0.7  
 Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / CHC / COM / ABZ / JAG / OBR / MOS / ROR  
 Fixture Material: Aluminum Die Cast  
 Cut-out Measurements: D = 80mm / 3 1/8"

#### ELECTRICAL

Lamp Type: LED (Zhaga Standard)  
 Total Output Wattage (W): 15  
 Dimming: Dali Dimming  
 Driver Included: No  
 Driver Location: Recessed Housing  
 Housing: See components  
 Input Voltage (V): 120  
 Constant Current (MA): 350

#### LED

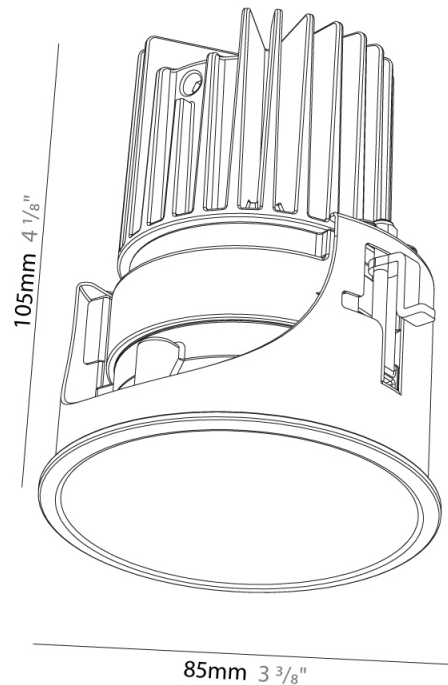
Number of LEDs: 1  
 Color Temperature (°K): Warm Dim  
 Max. Delivered Lumen (lm): 760  
 Nominal Lumen (lm): 1140  
 CRI: >90 CRI  
 Lamp Life (hrs): 50000

#### OPTICAL

Reflector: 20 / 40 / 60

#### RATINGS AND CERTIFICATIONS

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



## INVADER STANDARD RECESSED

A35538-

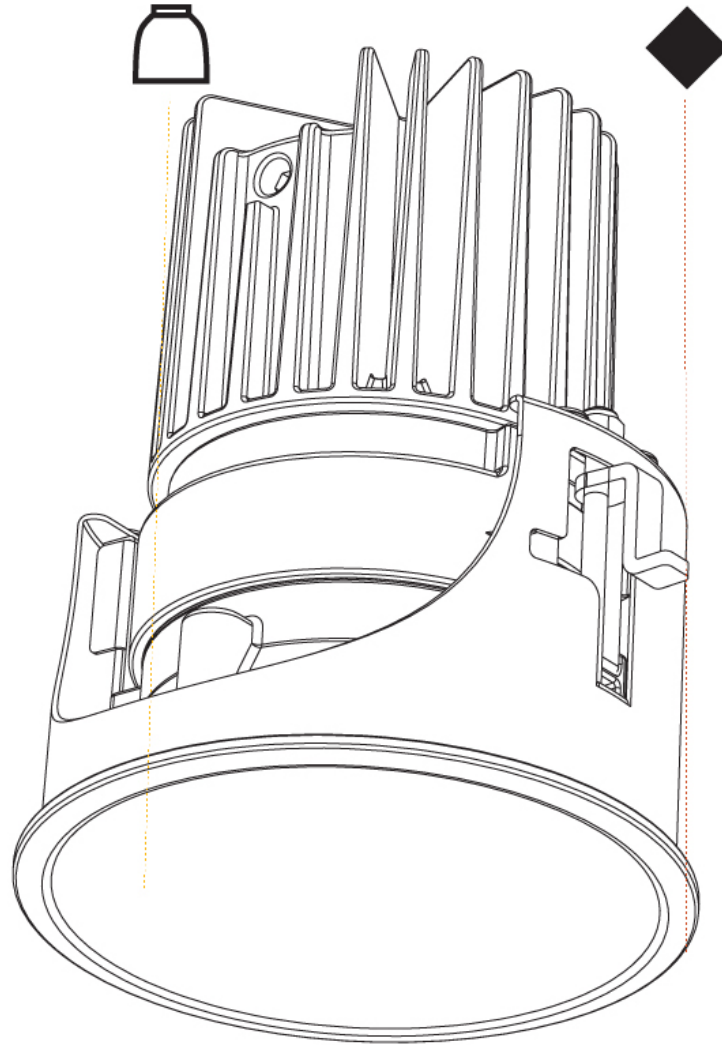
PROJECT \_\_\_\_\_

TYPE \_\_\_\_\_

SPECIFIER \_\_\_\_\_

QUANTITY \_\_\_\_\_

DATE \_\_\_\_\_



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

## INVADER ADJUSTABLE RECESSED

### A35539-

base number    Finishes (Diamond)    Finishes (Triangle)    Reflector Options

- To build a product code in our configurator select the specify button on the base model # product page
- 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: Invader Standard  
 Subseries: Invader Adjustable  
 Partner: Prolicht  
 Division: Architectural  
 Installation: Recessed  
 Product Type: Downlight  
 Mounting Location: Ceiling  
 Light Distribution: Adjustable / Downlight

#### PHYSICAL

Aperture Sizes - Downlights: 2"  
 Shape: Round  
 Diameter (mm): 109  
 Diameter (in): 4 <sup>5</sup>/<sub>16</sub>"  
 Height (mm): 105  
 Height (in): 4 <sup>1</sup>/<sub>8</sub>"  
 Min. Recessing Depth (mm): 120  
 Min. Recessing Depth (in): 4 <sup>3</sup>/<sub>4</sub>"  
 Weight (kg): 0.421  
 Weight (lbs): 0.93  
 Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / CHC / COM / ABZ / JAG / OBR / MOS / ROR  
 Fixture Material: Aluminum  
 Cut-out Measurements: 104mm / 4 1/8"

#### ELECTRICAL

Lamp Type: LED  
 Input Wattage (W): 16.5  
 Total Output Wattage (W): 15  
 Dimming: Dali Dimming  
 Driver Included: No  
 Driver Location: Recessed Housing  
 Input Voltage (V): 120  
 Constant Current (MA): 350

#### LED

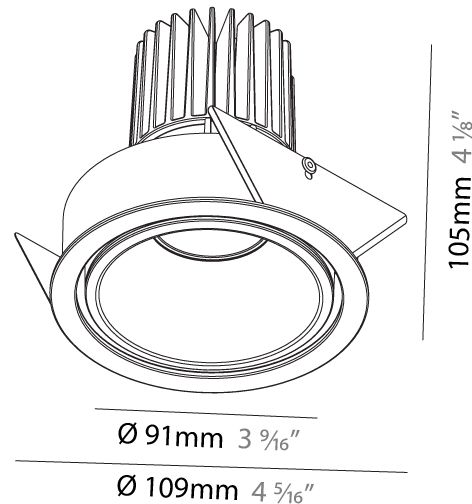
Number of LEDs: 1  
 Max. Delivered Lumen (lm): 760  
 Nominal Lumen (lm): 1140  
 CRI: >90 CRI  
 Lamp Life (hrs): 50000

#### OPTICAL

Reflector: 20 / 40 / 60  
 Adjustability: Rotational 180°; Tilt 30°

#### RATINGS AND CERTIFICATIONS

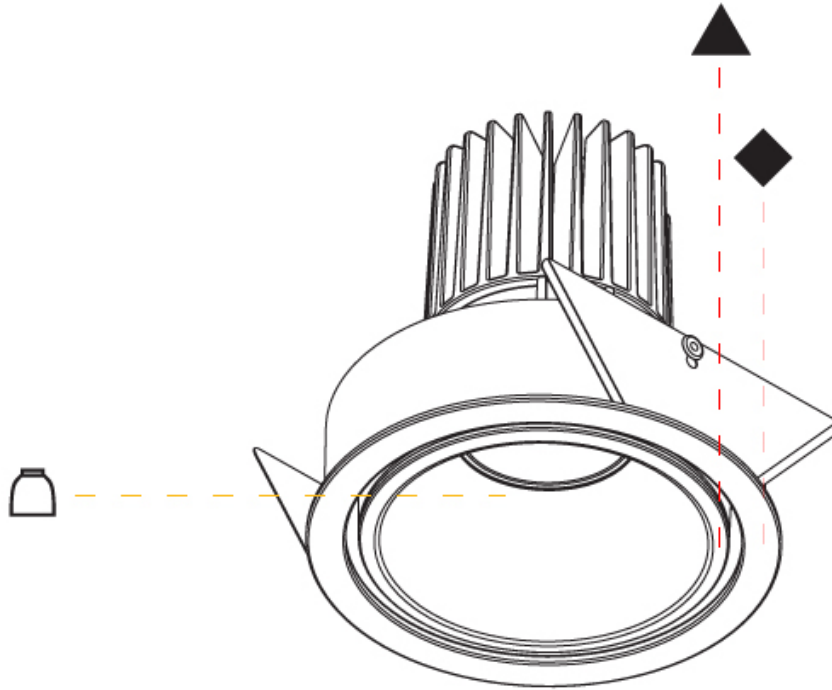
Certified By: CSA Certified to UL and CSA Standards  
 IP rating: IP20



## INVADER ADJUSTABLE RECESSED

A35539-

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



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

## INVADER STANDARD TRIMLESS

### A35576-

|             |                       |                      |                      |
|-------------|-----------------------|----------------------|----------------------|
| base number | Finishes<br>(Diamond) | Ceiling<br>Thickness | Reflector<br>Options |
|-------------|-----------------------|----------------------|----------------------|

- To build a product code in our configurator select the specify button on the base model # product page
- 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: Invader Standard      |
| Subseries: Invader Standard   |
| Partner: Prolicht             |
| Division: Architectural       |
| Installation: Trimless        |
| Product Type: Downlight       |
| Mounting Location: Ceiling    |
| Light Distribution: Downlight |

#### PHYSICAL

|   |
|---|
| Aperture Sizes - Downlights: 2"   |
| Shape: Round  |
| Diameter (mm): 71   |
| Diameter (in): 2 13/16  |
| Height (mm): 99   |
| Height (in): 3 7/8  |
| Ceiling Thickness (mm): 10 / 12.5 / 15  |
| Ceiling Thickness (in): 3/8 or 1/2 or 9/16  |
| Min. Recessing Depth (mm): 115  |
| Min. Recessing Depth (in): 4 1/2  |
| Weight (kg): 0.359  |
| Weight (lbs): 0.79  |
| Installation Requirement: Ceiling Thickness: 10mm / 12mm / 15mm   |
| Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / CHC / COM / ABZ / JAG / OBR / MOS / ROR |
| Fixture Material: Aluminum  |
| Cut-out Measurements: 79mm / 3 1/8"   |
| Upon Request: Unique Sizes Unique Ceiling Thickness   |

#### ELECTRICAL

|  |
|--|
| Lamp Type: LED (Zhaga Standard)        |
| Total Output Wattage (W): 14.7         |
| Dimming: Dali Dimming                  |
| Driver Location: Recessed Housing      |
| Driver Type: Constant Current - 120Vac |
| Housing: See Components                |
| Input Voltage (V): 120                 |
| Constant Current (MA): 350             |

#### LED

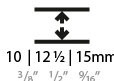
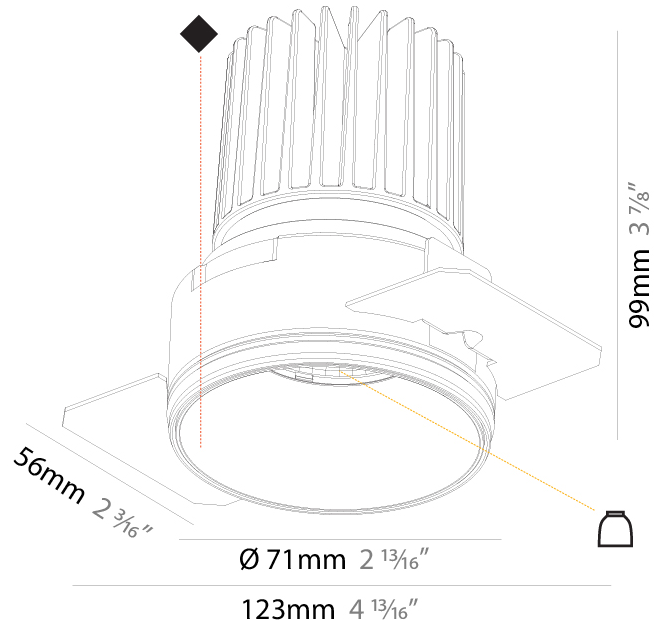
|   |
|---|
| Number of LEDs: 1   |
| Color Temperature (°K): Warm Dim                            |
| Max. Delivered Lumen (lm): 770                              |
| CRI: >90 CRI  |
| Lamp Life (hrs): 50000                                      |
| Upon Request: RGB-W Tunable White Special Color Temperature |

#### OPTICAL

|                                   |
|-----------------------------------|
| Reflector°: 20 / 40 / 60          |
| Upon Request: Special Beam Angles |

#### RATINGS AND CERTIFICATIONS

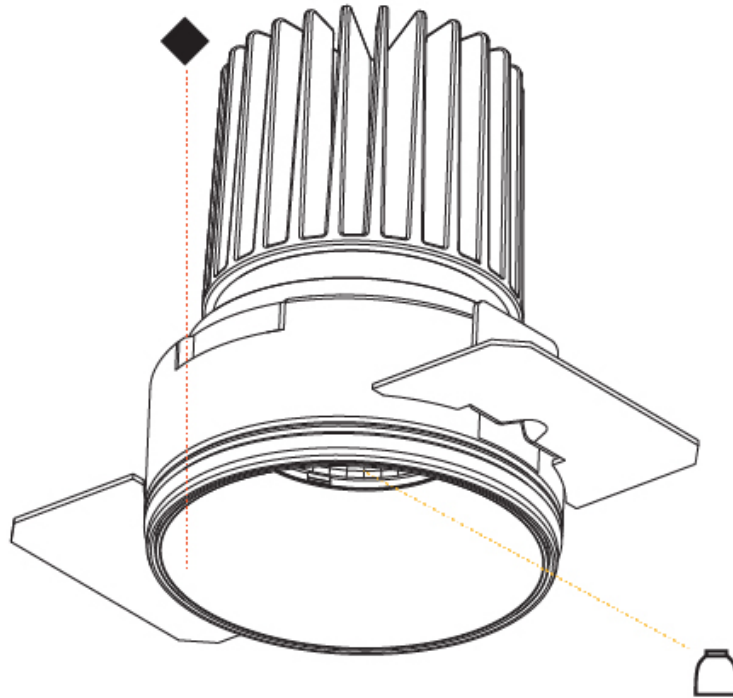
|  |
|--|
| Certified By: Certified for North American Standards |
| IP rating: IP20                                      |



## INVADER STANDARD TRIMLESS

A35576-

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



A

## INVADER STANDARD 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)



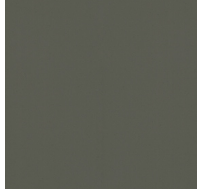
Hampton Bay - 05 (HAB)



Urban Forest - 07 (UFT)



In the Army - 08 (ITA)



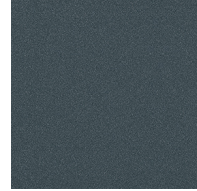
Rusty Angel - 09 (RUA)



Fade to Gray - 12 (FTG)



Mysterious Gray - 13 (MYG)



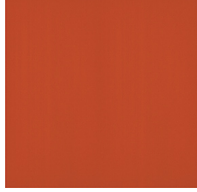
Lost Dream - 15 (LOD)



Purple Sky - 16 (PUS)



Fresh Oh - 17 (FRO)



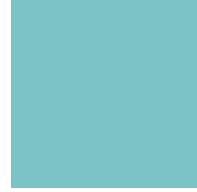
Funky P. - 18 (FUP)



Kissing Aphrodite - 19 (KIA)



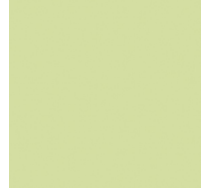
Poseidon's Paradise - 20 (POP)



Blue Sky - 21 (BLS)



Spring Green - 22 (SPG)



Mellow Yellow - 23 (MEY)



Golden Heart - 24 (GOH)



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.

**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  |
|  | dimnable 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)    |