

INVADER COMPACT TRIMLESS

A35809-

|             |                      |                       |                      |                      |
|-------------|----------------------|-----------------------|----------------------|----------------------|
| base number | Color<br>Temperature | Finishes<br>(Diamond) | Ceiling<br>Thickness | Reflector<br>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: Invader Compact    |
| Subseries: Invader Compact |
| Brand: Prolicht            |
| Division: Architectural    |
| Mounting Type: Trimless    |
| Mounting Location: Ceiling |
| Subcategory: Downlight     |

PHYSICAL

|                                                                                                                                                                                       |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Shape: Round                                                                                                                                                                          |
| Diameter (mm): 75                                                                                                                                                                     |
| Diameter (in): 2 15/16                                                                                                                                                                |
| Height (mm): 52                                                                                                                                                                       |
| Height (in): 2 1/16                                                                                                                                                                   |
| Ceiling Thickness (mm): 10 / 12.5 / 15 / 25                                                                                                                                           |
| Ceiling Thickness (in): 3/8 or 1/2 or 9/16 or 1                                                                                                                                       |
| Min. Recessing Depth (mm): 60                                                                                                                                                         |
| Min. Recessing Depth (in): 2 3/8                                                                                                                                                      |
| 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                                                                                                                                                            |
| Cut-out Measurements: D. 86mm / 3 3/8"                                                                                                                                                |
| Upon Request: Unique Sizes Unique Ceiling Thickness                                                                                                                                   |

ELECTRICAL

|                                                                                   |
|-----------------------------------------------------------------------------------|
| Lamp Type: LED (Zhaga Standard)                                                   |
| Input Wattage (W): 12                                                             |
| Total Output Wattage (W): 10.9                                                    |
| 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 - 120Vac                                            |
| Driver Class: Class 2                                                             |
| Housing: See components                                                           |
| Input Voltage (V): 120 - 277                                                      |
| Constant Current (MA): 500mA                                                      |

LED

|                                                      |
|------------------------------------------------------|
| Number of LEDs: 1                                    |
| Color Temperature (°K): 2700 / 3000 / 3500 / 4000    |
| Max. Delivered Lumen (lm): 1012 / 1059 / 1089 / 1123 |
| Nominal Lumen (lm): 1141 / 1195 / 1123 / 1266        |
| CRI: >90 CRI                                         |
| Lamp Life (hrs): 50000                               |

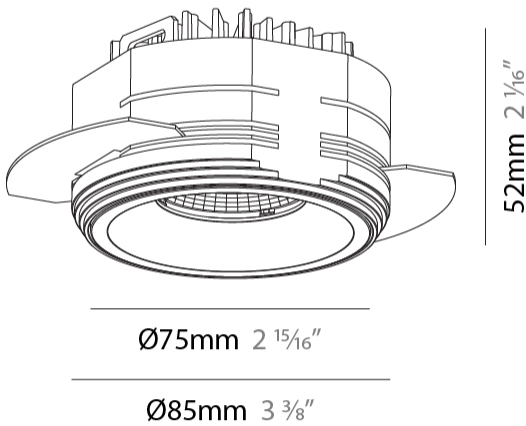
OPTICAL

|                                   |
|-----------------------------------|
| Reflector*: 18 / 36 / 56          |
| Upon Request: Special Beam Angles |

RATINGS AND CERTIFICATIONS

|                                                      |
|------------------------------------------------------|
| Certified By: Certified for North American Standards |
| IP rating: IP44                                      |

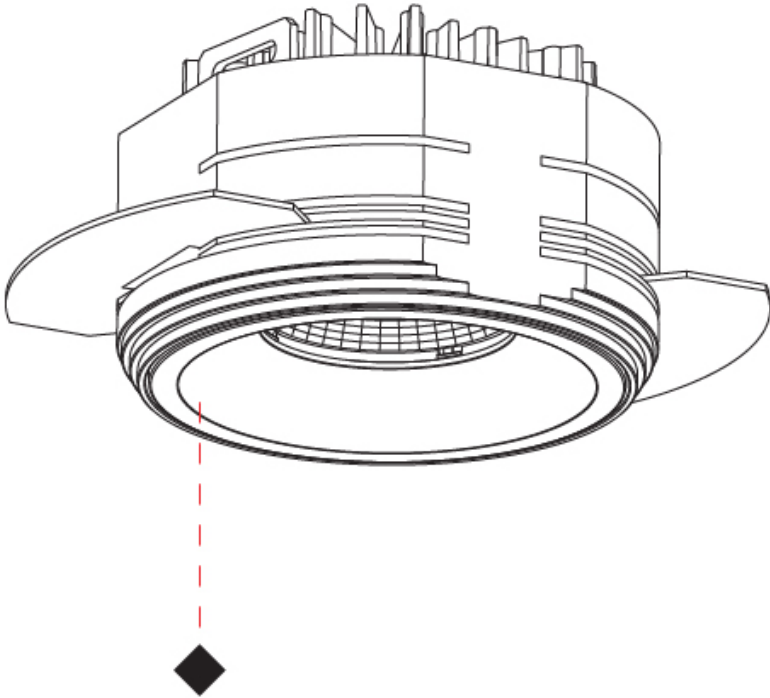
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|-----------|
| PROJECT   |
| TYPE      |
| SPECIFIER |
| QUANTITY  |
| DATE      |



INVADER COMPACT TRIMLESS

A35809-

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| PROJECT   |
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| QUANTITY  |
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INVADER COMPACT RECESSED

A35811-

base number

Color  
Temperature

Finishes  
(Diamond)

Reflector  
Options

Lens  
Options

- 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: Invader Compact

Subseries: Invader Compact

Brand: Prolicht

Division: Architectural

Mounting Type: Recessed

Mounting Location: Ceiling

Subcategory: Downlight

PHYSICAL

Shape: Round

Diameter (mm): 75

Diameter (in): 2 15/16

Height (mm): 52

Height (in): 2 1/16

Ceiling Thickness (mm): 1 - 25

Ceiling Thickness (in): 1/16 - 1

Min. Recessing Depth (mm): 55

Min. Recessing Depth (in): 2 3/16

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

Cut-out Measurements: D. 68mm / 2 11/16"

ELECTRICAL

Lamp Type: LED (Zhaga Standard)

Input Wattage (W): 12

Total Output Wattage (W): 9

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 - 120Vac

Driver Class: Class 2

Housing: See components

Input Voltage (V): 120 - 277

Constant Current (MA): 500mA

LED

Number of LEDs: 1

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

Max. Delivered Lumen (lm): 1012 / 1059 / 1098 / 1123

Nominal Lumen (lm): 1141 / 1194 / 1238 / 1266

CRI: >90 CRI

Lamp Life (hrs): 50000

OPTICAL

Reflector°: 18 / 36 / 56

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards

IP rating: IP44

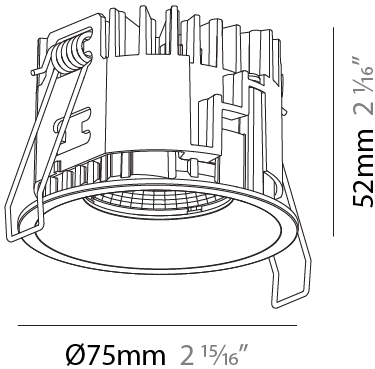
PROJECT

TYPE

SPECIFIER

QUANTITY

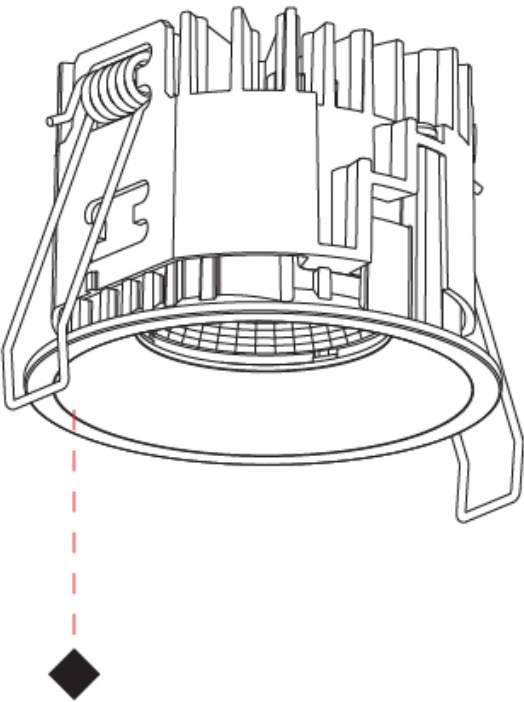
DATE



INVADER COMPACT RECESSED

A35811-

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



INVADER COMPACT ADJUSTABLE RECESSED

A35813-

base number

Color  
Temperature

Finishes  
(Diamond)

Finishes  
(Triangle)

Finishes  
(Circle)

Reflector  
Options

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GENERAL

Series: Invader Compact

Subseries: Invader Compact Adjustable

Brand: Prolicht

Division: Architectural

Mounting Type: Recessed

Mounting Location: Ceiling

Subcategory: Downlight

PHYSICAL

Shape: Round

Diameter (mm): 75

Diameter (in): 2 15/16

Height (mm): 75

Height (in): 2 15/16

Ceiling Thickness (mm): 1 - 25

Ceiling Thickness (in): 1/16 - 1

Min. Recessing Depth (mm): 85

Min. Recessing Depth (in): 3 3/8

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

Cut-out Measurements: D. 68mm / 2 11/16"

Upon Request: Unique Sizes Unique Ceiling Thickness

ELECTRICAL

Lamp Type: LED (Zhaga Standard)

Input Wattage (W): 11

Total Output Wattage (W): 10

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 - 120Vac

Driver Class: Class 2

Housing: See Components

Input Voltage (V): 120 - 277

Constant Current (MA): 500

LED

Number of LEDs: 1

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

Max. Delivered Lumen (lm): 812 / 860 / 892 / 911

Nominal Lumen (lm): 1141 / 1194 / 1238 / 1266

CRI: >90 CRI

Lamp Life (hrs): 50000

OPTICAL

Reflector°: 22 / 38 / 48

Adjustability: Rotational 350° / Tilt 25°

Upon Request: Special Beam Angles

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards

IP rating: IP40

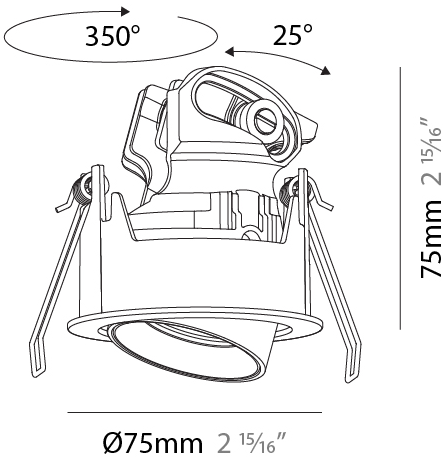
PROJECT

TYPE

SPECIFIER

QUANTITY

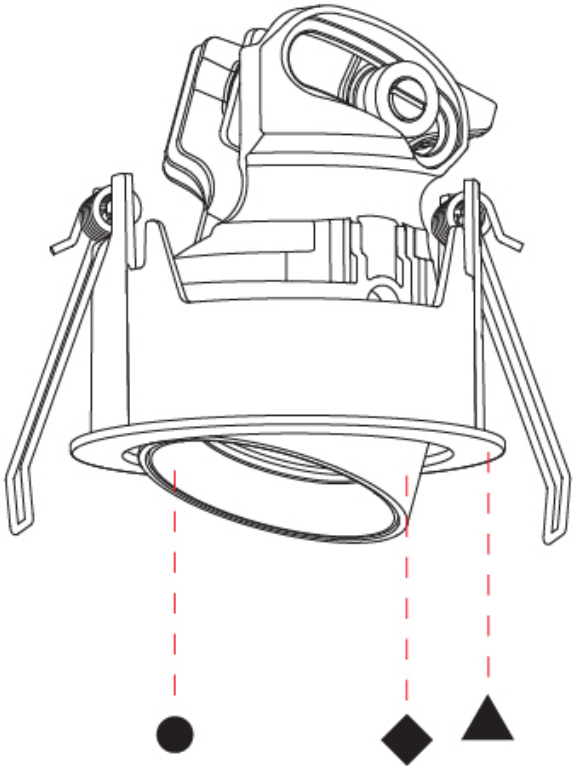
DATE



INVADER COMPACT ADJUSTABLE RECESSED

A35813-

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



INVADER COMPACT ADJUSTABLE TRIMLESS

A35846-

|             |                      |                       |                        |                      |                      |                      |
|-------------|----------------------|-----------------------|------------------------|----------------------|----------------------|----------------------|
| base number | Color<br>Temperature | Finishes<br>(Diamond) | Finishes<br>(Triangle) | Finishes<br>(Circle) | Ceiling<br>Thickness | Reflector<br>Options |
|-------------|----------------------|-----------------------|------------------------|----------------------|----------------------|----------------------|

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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: Invader Compact               |
| Subseries: Invader Compact Adjustable |
| Brand: Prolicht                       |
| Division: Architectural               |
| Mounting Type: Trimless               |
| Mounting Location: Ceiling            |
| Subcategory: Downlight                |

PHYSICAL

|                                                                                                                                                                                       |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Shape: Round                                                                                                                                                                          |
| Diameter (mm): 75                                                                                                                                                                     |
| Diameter (in): 2 15/16                                                                                                                                                                |
| Height (mm): 75                                                                                                                                                                       |
| Height (in): 2 15/16                                                                                                                                                                  |
| Ceiling Thickness (mm): 10 / 12 / 15                                                                                                                                                  |
| Ceiling Thickness (in): 3/8 or 1/2 or 9/16                                                                                                                                            |
| Min. Recessing Depth (mm): 85                                                                                                                                                         |
| Min. Recessing Depth (in): 3 3/8                                                                                                                                                      |
| 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                                                                                                                                                            |
| Cut-out Measurements: D. 86mm / 3 3/8"                                                                                                                                                |
| Upon Request: Unique Sizes Unique Ceiling Thickness                                                                                                                                   |

ELECTRICAL

|                                                                                   |
|-----------------------------------------------------------------------------------|
| Lamp Type: LED (Zhaga Standard)                                                   |
| Input Wattage (W): 11                                                             |
| Total Output Wattage (W): 10                                                      |
| 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 - 120Vac                                            |
| Driver Class: Class 2                                                             |
| Housing: See components                                                           |
| Input Voltage (V): 120 - 277                                                      |
| Constant Current (MA): 500                                                        |

LED

|                                                   |
|---------------------------------------------------|
| Number of LEDs: 1                                 |
| Color Temperature (°K): 2700 / 3000 / 3500 / 4000 |
| Max. Delivered Lumen (lm): 821 / 860 / 892 / 911  |
| Nominal Lumen (lm): 1141 / 1194 / 1238 / 1266     |
| CRI: >90 CRI                                      |
| Lamp Life (hrs): 50000                            |

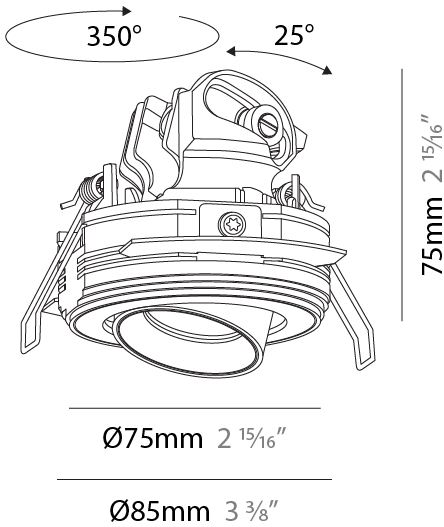
OPTICAL

|                                           |
|-------------------------------------------|
| Reflector: 22 / 38 / 48                   |
| Adjustability: Rotational 350° / Tilt 25° |
| Upon Request: Special Beam Angles         |

RATINGS AND CERTIFICATIONS

|                                                      |
|------------------------------------------------------|
| Certified By: Certified for North American Standards |
| IP rating: IP40                                      |

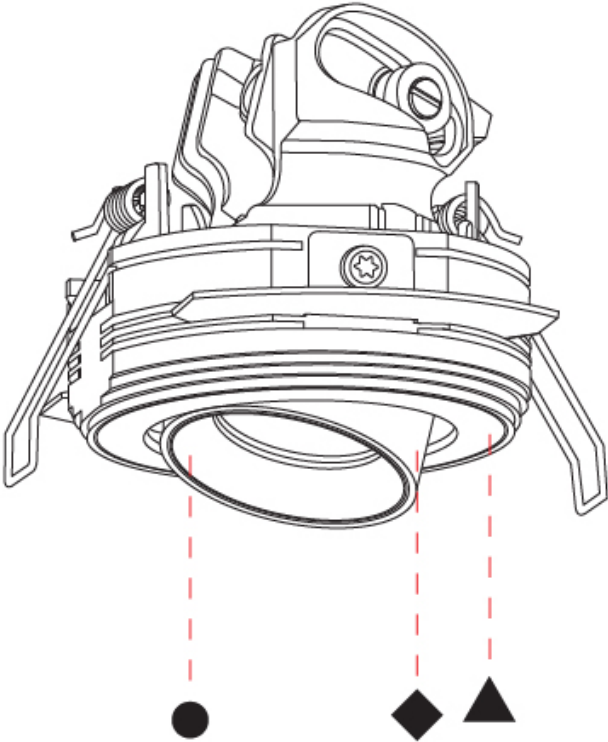
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INVADER COMPACT ADJUSTABLE TRIMLESS

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INVADER COMPACT  
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)

**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)    |