ZANEEN.

CONFUSIONE SURFACE

D132002

base number

PROJECT TYPE SPECIFIER QUANTITY DATE

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

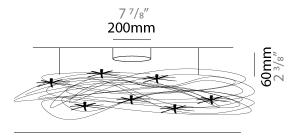
2. To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #

GENERAL

| Series: Confusione |
|---|
| Brand: Knikerboker |
| Division: Design |
| Mounting Type: Surface |
| Mounting Location: Ceiling |
| Subcategory: Ambient |
| PHYSICAL |
| Shape: Round |
| Diameter (mm): 1000 |
| Diameter (in): 39 ³ / ₈ |
| Light Distribution: Direct / Indirect |
| Fixture Finish: ANA |
| Fixture Material: Aluminum |
| ELECTRICAL |
| Number of Lamps: 15 |
| Lamp Type: LED |
| Input Wattage (W): 18 |
| Bulb Included: Bulb Included |
| Total Output Wattage (W): 15 |
| Max. Wattage Per Lamp (W): 1 |
| Lamp Base: G4 |
| Dimming: 0-10V Dimming / Phase Dimming (120Vac Only) |
| Driver Included: Yes |
| Driver Location: Integrated |
| Driver Type: Constant Voltage - Universal |
| Driver Class: Class 2 |
| Input Voltage (V): 120 - 277 |
| Output Voltage (V): 12 |
| Upon Request: (Not included - see components) Remote: 0-10Vdc dimming / Phase dimming @120Vac only / (Included) Integral: Non- dimming 277Vac |
| LED |
| Number of LEDs: 15 |
| Color Temperature (°K): 3000 |
| Max. Delivered Lumen (lm): 1200 |
| CRI: >80 CRI |
| OPTICAL |
| RATINGS AND CERTIFICATIONS |

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





1000mm 39 3/16"

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Available for International specifications by adding 'INT' at the end of the existing Model #. For assistance on 'custom' specifications, contact zteam@zaneen.com.

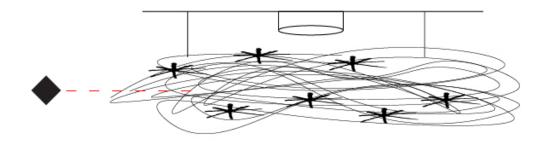
In a constant effort to supply the best product, we reserve the right to change specifications or materials without notice. The most recent specification sheets are found at zaneen.com

ZANEEN.

CONFUSIONE SURFACE

D132002

| PROJECT |
|-----------|
| ТҮРЕ |
| SPECIFIER |
| QUANTITY |
| DATE |
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ZANEEN.

CONFUSIONE SURFACE

D133011

base number

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: Confusione Brand: Knikerboker Division: Design Mounting Type: Surface Mounting Location: Wall Subcategory: Ambient PHYSICAL Shape: Abstract Diameter (mm): 1000 Diameter (in): 39 $\frac{3}{4}$ Height (mm): 1000 Height (in): 39 $\frac{3}{4}$ Light Distribution: Direct / Indirect Fixture Finish: ANA Fixture Material: Aluminum ELECTRICAL Number of Lamps: 15 Lamp Type: LED Input Wattage (W): 18 Bulb Included: Bulb Included Total Output Wattage (W): 15 Max. Wattage Per Lamp (W): 1 Lamp Base: G4 Dimming: 0-10V Dimming / Phase Dimming (120Vac Only) Driver Included: Yes Driver Class: Class 2 Input Voltage (V): 12 Upon Request: (Not included - see components) Remote: 0-10Vdc dimming 277Vac | GENERAL | |
|---|---|--|
| Division: Design Mounting Type: Surface Mounting Location: Wall Subcategory: Ambient PHYSICAL Shape: Abstract Diameter (mm): 1000 Diameter (in): $39 \frac{3}{6}$ Height (mm): 1000 Height (in): $39 \frac{3}{6}$ Light Distribution: Direct / Indirect Fixture Finish: ANA Fixture Material: Aluminum ELECTRICAL Number of Lamps: 15 Lamp Type: LED Input Wattage (W): 18 Bulb Included: Bulb Included Total Output Wattage (W): 15 Max. Wattage Per Lamp (W): 1 Lamp Base: G4 Dimming: 0-10V Dimming / Phase Dimming (120Vac Only) Driver Included: Yes Driver Class: Class 2 Input Voltage (V): 12 Upon Request: (Not included - see components) Remote: 0-10Vdc dimming / Phase dimming @120Vac only / (Included) Integral Non- | Series: Confusione | |
| Mounting Type: Surface Mounting Location: Wall Subcategory: Ambient PHYSICAL Shape: Abstract Diameter (nm): 1000 Diameter (in): 39 $\frac{3}{8}$ Height (nm): 1000 Height (in): 39 $\frac{3}{8}$ Light Distribution: Direct / Indirect Fixture Finish: ANA Fixture Finish: ANA Fixture Material: Aluminum ELECTRICAL Number of Lamps: 15 Lamp Type: LED Input Wattage (W): 18 Bulb Included: Bulb Included Total Output Wattage (W): 15 Max. Wattage Per Lamp (W): 1 Lamp Base: G4 Dimming: 0-10V Dimming / Phase Dimming (120Vac Only) Driver Location: Integrated Driver Type: Constant Voltage - Universal Driver Class: Class 2 Input Voltage (V): 12 Upon Request: (Not included - see components) Remote: 0-10Vdc dimming / Phase dimming @120Vac only / (Included) Integral Non- | Brand: Knikerboker | |
| Mounting Location: Wall Subcategory: Ambient PHYSICAL Shape: Abstract Diameter (mm): 1000 Diameter (in): 39 $\frac{3}{6}$ Height (mm): 1000 Height (in): 39 $\frac{3}{6}$ Light Distribution: Direct / Indirect Fixture Finish: ANA Fixture Material: Aluminum ELECTRICAL Number of Lamps: 15 Lamp Type: LED Input Wattage (W): 18 Bulb Included: Bulb Included Total Output Wattage (W): 15 Max. Wattage Per Lamp (W): 1 Lamp Base: G4 Dimming: 0-10V Dimming / Phase Dimming (120Vac Only) Driver Included: Yes Driver Class: Class 2 Input Voltage (V): 12 Upon Request: (Not included - see components) Remote: 0-10Vdc dimming / Phase dimming @120Vac only / (Included) Integral Non- | Division: Design | |
| Subcategory: Ambient PHYSICAL Shape: Abstract Diameter (mm): 1000 Diameter (in): 39 $\frac{3}{5}$ Height (mm): 1000 Height (in): 39 $\frac{3}{5}$ Light Distribution: Direct / Indirect Fixture Finish: ANA Fixture Material: Aluminum ELECTRICAL Number of Lamps: 15 Lamp Type: LED Input Wattage (W): 18 Bulb Included: Bulb Included Total Output Wattage (W): 15 Max. Wattage Per Lamp (W): 1 Lamp Base: G4 Dimming: 0-10V Dimming / Phase Dimming (120Vac Only) Driver Included: Yes Driver Location: Integrated Driver Type: Constant Voltage - Universal Driver Class: Class 2 Input Voltage (V): 12 Upon Request: (Not included - see components) Remote: 0-10Vdc dimming / Phase dimming @120Vac only / (Included) Integral Non- | Mounting Type: Surface | |
| PHYSICAL Shape: Abstract Diameter (im): 1000 Diameter (in): 39 $\frac{3}{5}$ Height (mm): 1000 Height (in): 39 $\frac{3}{5}$ Light Distribution: Direct / Indirect Fixture Finish: ANA Fixture Material: Aluminum ELECTRICAL Number of Lamps: 15 Lamp Type: LED Input Wattage (W): 18 Bulb Included: Bulb Included Total Output Wattage (W): 15 Max. Wattage Per Lamp (W): 1 Lamp Base: G4 Dimming: 0-10V Dimming / Phase Dimming (120Vac Only) Driver Location: Integrated Driver Type: Constant Voltage - Universal Driver Class: Class 2 Input Voltage (V): 12 Upon Request: (Not included - see components) Remote: 0-10Vdc dimming / Phase dimming @120Vac only / (Included) Integral Non- | Mounting Location: Wall | |
| Shape: Abstract Diameter (mm): 1000 Diameter (in): 39 $\frac{3}{4}$ Height (mm): 1000 Height (in): 39 $\frac{3}{4}$ Light Distribution: Direct / Indirect Fixture Finish: ANA Fixture Material: Aluminum ELECTRICAL Number of Lamps: 15 Lamp Type: LED Input Wattage (W): 18 Bulb Included: Bulb Included Total Output Wattage (W): 15 Max. Wattage Per Lamp (W): 1 Lamp Base: G4 Dimming: 0-10V Dimming / Phase Dimming (120Vac Only) Driver Included: Yes Driver Location: Integrated Driver Type: Constant Voltage - Universal Driver Class: Class 2 Input Voltage (V): 12 Upon Request: (Not included - see components) Remote: 0-10Vdc dimming / Phase dimming @120Vac only / (Included) Integral Non- | Subcategory: Ambient | |
| Diameter (mm): 1000 Diameter (in): 39 $\frac{3}{4}$ Height (mm): 1000 Height (in): 39 $\frac{3}{6}$ Light Distribution: Direct / Indirect Fixture Finish: ANA Fixture Material: Aluminum ELECTRICAL Number of Lamps: 15 Lamp Type: LED Input Wattage (W): 18 Bulb Included: Bulb Included Total Output Wattage (W): 15 Max. Wattage Per Lamp (W): 1 Lamp Base: G4 Dimming: 0-10V Dimming / Phase Dimming (120Vac Only) Driver Included: Yes Driver Location: Integrated Driver Type: Constant Voltage - Universal Driver Class: Class 2 Input Voltage (V): 12 Upon Request: (Not included - see components) Remote: 0-10Vdc dimming (Phase dimming @120Vac only / (Included) Integral Non- | PHYSICAL | |
| Diameter (in): 39 $\frac{3}{6}$ Height (mm): 1000 Height (in): 39 $\frac{3}{6}$ Light Distribution: Direct / Indirect Fixture Finish: ANA Fixture Material: Aluminum ELECTRICAL Number of Lamps: 15 Lamp Type: LED Input Wattage (W): 18 Bulb Included: Bulb Included Total Output Wattage (W): 15 Max. Wattage Per Lamp (W): 1 Lamp Base: G4 Dimming: 0-10V Dimming / Phase Dimming (120Vac Only) Driver Included: Yes Driver Location: Integrated Driver Type: Constant Voltage - Universal Driver Class: Class 2 Input Voltage (V): 12 Upon Request: (Not included - see components) Remote: 0-10Vdc dimming / Phase dimming @120Vac only / (Included) Integral Non- | Shape: Abstract | |
| Height (mm): 1000 Height (in): 39 $\frac{3}{6}$ Light Distribution: Direct / Indirect Fixture Finish: ANA Fixture Material: Aluminum ELECTRICAL Number of Lamps: 15 Lamp Type: LED Input Wattage (W): 18 Bulb Included: Bulb Included Total Output Wattage (W): 15 Max. Wattage Per Lamp (W): 1 Lamp Base: G4 Dimming: 0-10V Dimming / Phase Dimming (120Vac Only) Driver Included: Yes Driver Location: Integrated Driver Type: Constant Voltage - Universal Driver Class: Class 2 Input Voltage (V): 12 Upon Request: (Not included - see components) Remote: 0-10Vdc dimming (Phase dimming @120Vac only / (Included) Integral Non- | Diameter (mm): 1000 | |
| Height (in): 39 ³ / ₈ Light Distribution: Direct / Indirect Fixture Finish: ANA Fixture Material: Aluminum ELECTRICAL Number of Lamps: 15 Lamp Type: LED Input Wattage (W): 18 Bulb Included: Bulb Included Total Output Wattage (W): 15 Max. Wattage Per Lamp (W): 1 Lamp Base: G4 Dimming: 0-10V Dimming / Phase Dimming (120Vac Only) Driver Included: Yes Driver Location: Integrated Driver Type: Constant Voltage - Universal Driver Class: Class 2 Input Voltage (V): 12 Upon Request: (Not included - see components) Remote: 0-10Vdc dimming (Phase dimming @120Vac only / (Included) Integral Non- | Diameter (in): 39 ³ / ₈ | |
| Light Distribution: Direct / Indirect Fixture Finish: ANA Fixture Material: Aluminum ELECTRICAL Number of Lamps: 15 Lamp Type: LED Input Wattage (W): 18 Bulb Included: Bulb Included Total Output Wattage (W): 15 Max. Wattage Per Lamp (W): 1 Lamp Base: G4 Dimming: 0-10V Dimming / Phase Dimming (120Vac Only) Driver Included: Yes Driver Location: Integrated Driver Type: Constant Voltage - Universal Driver Class: Class 2 Input Voltage (V): 12 Upon Request: (Not included - see components) Remote: 0-10Vdc dimming (Phase dimming @120Vac only / (Included) Integral Non- | Height (mm): 1000 | |
| Fixture Finish: ANA Fixture Material: Aluminum ELECTRICAL Number of Lamps: 15 Lamp Type: LED Input Wattage (W): 18 Bulb Included: Bulb Included Total Output Wattage (W): 15 Max. Wattage Per Lamp (W): 1 Lamp Base: G4 Dimming: 0-10V Dimming / Phase Dimming (120Vac Only) Driver Included: Yes Driver Location: Integrated Driver Type: Constant Voltage - Universal Driver Class: Class 2 Input Voltage (V): 12 Upon Request: (Not included - see components) Remote: 0-10Vdc dimming (Phase dimming @120Vac only / (Included) Integral Non- | Height (in): 39 3/2 | |
| Fixture Material: Aluminum ELECTRICAL Number of Lamps: 15 Lamp Type: LED Input Wattage (W): 18 Bulb Included: Bulb Included Total Output Wattage (W): 15 Max. Wattage Per Lamp (W): 1 Lamp Base: G4 Dimming: 0-10V Dimming / Phase Dimming (120Vac Only) Driver Included: Yes Driver Location: Integrated Driver Type: Constant Voltage - Universal Driver Class: Class 2 Input Voltage (V): 12 Upon Request: (Not included - see components) Remote: 0-10Vdc dimming (Phase dimming @120Vac only / (Included) Integral Non- | Light Distribution: Direct / Indirect | |
| ELECTRICAL Number of Lamps: 15 Lamp Type: LED Input Wattage (W): 18 Bulb Included: Bulb Included Total Output Wattage (W): 15 Max. Wattage Per Lamp (W): 1 Lamp Base: G4 Dimming: 0-10V Dimming / Phase Dimming (120Vac Only) Driver Included: Yes Driver Location: Integrated Driver Type: Constant Voltage - Universal Driver Class: Class 2 Input Voltage (V): 120 - 277 Output Voltage (V): 12 Upon Request: (Not included - see components) Remote: 0-10Vdc dimming / Phase dimming @120Vac only / (Included) Integral Non- | Fixture Finish: ANA | |
| Number of Lamps: 15 Lamp Type: LED Input Wattage (W): 18 Bulb Included: Bulb Included Total Output Wattage (W): 15 Max. Wattage Per Lamp (W): 1 Lamp Base: G4 Dimming: 0-10V Dimming / Phase Dimming (120Vac Only) Driver Included: Yes Driver Location: Integrated Driver Type: Constant Voltage - Universal Driver Class: Class 2 Input Voltage (V): 120 - 277 Output Voltage (V): 12 Upon Request: (Not included - see components) Remote: 0-10Vdc dimming / Phase dimming @120Vac only / (Included) Integral Non- | Fixture Material: Aluminum | |
| Lamp Type: LED Input Wattage (W): 18 Bulb Included: Bulb Included Total Output Wattage (W): 15 Max. Wattage Per Lamp (W): 1 Lamp Base: G4 Dimming: 0-10V Dimming / Phase Dimming (120Vac Only) Driver Included: Yes Driver Location: Integrated Driver Type: Constant Voltage - Universal Driver Class: Class 2 Input Voltage (V): 120 - 277 Output Voltage (V): 12 Upon Request: (Not included - see components) Remote: 0-10Vdc dimming / Phase dimming @120Vac only / (Included) Integral Non- | ELECTRICAL | |
| Input Wattage (W): 18 Bulb Included: Bulb Included Total Output Wattage (W): 15 Max. Wattage Per Lamp (W): 1 Lamp Base: G4 Dimming: 0-10V Dimming / Phase Dimming (120Vac Only) Driver Included: Yes Driver Location: Integrated Driver Type: Constant Voltage - Universal Driver Class: Class 2 Input Voltage (V): 120 - 277 Output Voltage (V): 12 Upon Request: (Not included - see components) Remote: 0-10Vdc dimming / Phase dimming @120Vac only / (Included) Integral Non- | Number of Lamps: 15 | |
| Bulb Included: Bulb Included Total Output Wattage (W): 15 Max. Wattage Per Lamp (W): 1 Lamp Base: G4 Dimming: 0-10V Dimming / Phase Dimming (120Vac Only) Driver Included: Yes Driver Location: Integrated Driver Type: Constant Voltage - Universal Driver Class: Class 2 Input Voltage (V): 120 - 277 Output Voltage (V): 12 Upon Request: (Not included - see components) Remote: 0-10Vdc dimming / Phase dimming @120Vac only / (Included) Integral Non- | Lamp Type: LED | |
| Total Output Wattage (W): 15 Max. Wattage Per Lamp (W): 1 Lamp Base: G4 Dimming: 0-10V Dimming / Phase Dimming (120Vac Only) Driver Included: Yes Driver Location: Integrated Driver Type: Constant Voltage - Universal Driver Class: Class 2 Input Voltage (V): 120 - 277 Output Voltage (V): 12 Upon Request: (Not included - see components) Remote: 0-10Vdc dimming / Phase dimming @120Vac only / (Included) Integral Non- | Input Wattage (W): 18 | |
| Max. Wattage Per Lamp (W): 1 Lamp Base: G4 Dimming: 0-10V Dimming / Phase Dimming (120Vac Only) Driver Included: Yes Driver Location: Integrated Driver Type: Constant Voltage - Universal Driver Class: Class 2 Input Voltage (V): 120 - 277 Output Voltage (V): 12 Upon Request: (Not included - see components) Remote: 0-10Vdc dimming / Phase dimming @120Vac only / (Included) Integral Non- | Bulb Included: Bulb Included | |
| Lamp Base: G4 Dimming: 0-10V Dimming / Phase Dimming (120Vac Only) Driver Included: Yes Driver Location: Integrated Driver Type: Constant Voltage - Universal Driver Class: Class 2 Input Voltage (V): 120 - 277 Output Voltage (V): 12 Upon Request: (Not included - see components) Remote: 0-10Vdc dimming / Phase dimming @120Vac only / (Included) Integral Non- | Total Output Wattage (W): 15 | |
| Dimming: 0-10V Dimming / Phase Dimming (120Vac Only) Driver Included: Yes Driver Location: Integrated Driver Type: Constant Voltage - Universal Driver Class: Class 2 Input Voltage (V): 120 - 277 Output Voltage (V): 12 Upon Request: (Not included - see components) Remote: 0-10Vdc dimming / Phase dimming @120Vac only / (Included) Integral Non- | Max. Wattage Per Lamp (W): 1 | |
| Driver Included: Yes Driver Location: Integrated Driver Type: Constant Voltage - Universal Driver Class: Class 2 Input Voltage (V): 120 - 277 Output Voltage (V): 12 Upon Request: (Not included - see components) Remote: 0-10Vdc dimming / Phase dimming @120Vac only / (Included) Integral Non- | Lamp Base: G4 | |
| Driver Location: Integrated Driver Type: Constant Voltage - Universal Driver Class: Class 2 Input Voltage (V): 120 - 277 Output Voltage (V): 12 Upon Request: (Not included - see components) Remote: 0-10Vdc dimming / Phase dimming @120Vac only / (Included) Integral Non- | Dimming: 0-10V Dimming / Phase Dimming (120Vac Only) | |
| Driver Type: Constant Voltage - Universal Driver Class: Class 2 Input Voltage (V): 120 - 277 Output Voltage (V): 12 Upon Request: (Not included - see components) Remote: 0-10Vdc dimming / Phase dimming @120Vac only / (Included) Integral Non- | Driver Included: Yes | |
| Driver Class: Class 2 Input Voltage (V): 120 - 277 Output Voltage (V): 12 Upon Request: (Not included - see components) Remote: 0-10Vdc dimming / Phase dimming @120Vac only / (Included) Integral Non- | Driver Location: Integrated | |
| Input Voltage (V): 120 - 277 Output Voltage (V): 12 Upon Request: (Not included - see components) Remote: 0-10Vdc dimming / Phase dimming @120Vac only / (Included) Integral Non- | Driver Type: Constant Voltage - Universal | |
| Output Voltage (V): 12 Upon Request: (Not included - see components) Remote: 0-10Vdc dimming / Phase dimming @120Vac only / (Included) Integral Non- | | |
| Upon Request: (Not included - see components) Remote: 0-10Vdc dimming / Phase dimming @120Vac only / (Included) Integral Non- | Input Voltage (V): 120 - 277 | |
| dimming / Phase dimming @120Vac only / (Included) Integral Non- | | |
| | dimming / Phase dimming @120Vac only / (Included) Integra | |
| LED | LED | |

LED

Color Temperature (°K): 3000 Max. Delivered Lumen (lm): 1200

CRI: >80 CRI

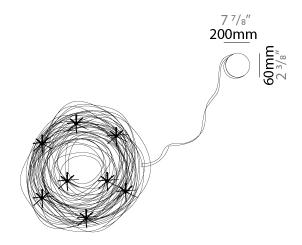
OPTICAL

RATINGS AND CERTIFICATIONS

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

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





1000mm 39 3/16"

D

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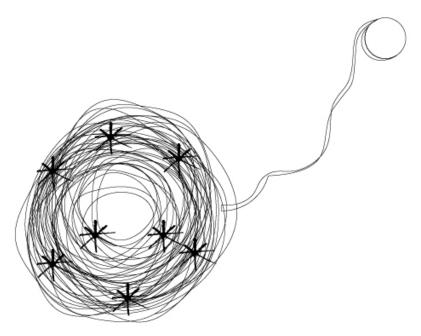
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ZANEEN_®

CONFUSIONE SURFACE

D133011

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



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CONFUSIONE

COLOR FINISH CHART

PROJECT

| PROJECT | | | |
|-----------|--|--|--|
| ТҮРЕ | | | |
| SPECIFIER | | | |
| QUANTITY | | | |
| DATE | | | |
| | | | |

Fixture Finish

Aluminum Natural Anodized - ANA

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.

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CONFUSIONE

PROJECT

PROJEC

TYPE SPECIFIER

QUANTITY

DATE

LEGEND

| _ | | _ | | | |
|---------------|--|-----------------------|--|---------------|--|
| ↓_ | floor-mounted | ¥ | pivotable | \circledast | special LED (upon request) RGB, RGBW, tunable, gold+, meat+, art+, fashion+ |
| $\overline{}$ | wall and ceiling: recessed and surface mounted | C | rotating | 0 | warm dim / natural dimming LED |
| \uparrow | ceiling-mounted and wall-mounted | Œ | illuminate tilted | Ø | rechargeable battery powered |
| \rightarrow | wall-mounted | T | color of suspension cable | 1111 1140 | fixture with natural vivid LED (upon request) |
| Y | omni-directional light distribution | ÷ | length of suspension cable | CRI | color rendering index |
| À | direct light distribution | Δ | reflector degree selection | °K | color temperature |
| X | direct/indirect light distribution | s s | super spot | LM | lumen (luminous flux) |
| Y | indirect light distribution | * | lens | | efficacy (lumens per watt) |
| | asymmetric light distribution | \otimes | lens pack | UGR | Unified Glare Rating (UGR) range from 5-40 |
| | aura light distribution | 0 | shine ring | 318 | marine grade (AISI 316 stainless steel) |
| R | round wall or ceiling cut-out | \odot | integrated shine ring with diffuser | ٢ | walk on |
| 5 | square wall or ceiling cut-out | Ċ | free individual colors 01-29 | | drive on |
| d d | the supplied jig specifies the cutout dimensions | Ċ | individual colors: 00 (free of charge), 01-25 (extra charge) | DSC | Dark Sky Compliance |
| (++) | minimum distance (meters) lamp - object | ۲ | luminaire part to be colored (F1) | Ġ | 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) | ۥ | 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 |
| স | separately switchable | \odot | indirect diffuser | | ETL Certified to UL and CSA Standards |
| シ リ | sensor | D | direct diffuser | c (UL) us | UL Certified to UL and CSA Standards |
| () | remote control | $\boldsymbol{\Theta}$ | ball-proof (upon request) | SP: | CSA Certified to UL and CSA Standards |
| 2 | available upon request | U | accessory | Z | Certified for North American Standards |

IP RATING

| IP20 | protected against ingress of solid bodies greater than 12.5mm (finger) |
|------|--|
| IP33 | protected against ingress of solid bodies greater than 2.5mm protected against sprays of water up to 60 degrees from the vertical (rain) |
| IP40 | protected against ingress of solid bodies greater than 1mm (wire) no protection against the ingress of moisture |
| IP43 | protected against ingress of solid bodies greater than 1mm (wire) protected against sprays of water up to 60 degrees from the vertical (rain) |
| IP44 | protected against ingress of solid bodies greater than 1mm (wire) protected against water splashed from all directions |
| IP54 | protected against limited ingress of dust (wet rooms/covered outdoor areas) protected against water splashed from all directions |
| IP65 | protected against ingress of dust protected against jets of water |
| 1966 | protected against ingress of dust protected against powerful jets of water or heavy seas |
| IP67 | protected against ingress of dust protected against immersion of water between 15cm - 1m for 30 minutes |
| IP68 | protected against ingress of dust protected against immersion of water under pressure for long periods |

IK RATING

| КО1 | protected against 0.14 joules impact (equivalent to 0.25kg mass dropped from 56mm above the surface) |
|------|---|
| IK02 | protected against 0.2 joules impact (equivalent to 0.25kg mass dropped from 80mm above the surface) |
| КОЗ | protected against 0.35 joules impact (equivalent to 0.25kg mass dropped from 140mm above the surface) |
| IK04 | protected against 0.5 joules impact (equivalent to 0.25kg mass dropped from 200mm above the surface) |
| КО5 | protected against 0.7 joules impact (equivalent to 0.25kg mass dropped from 280mm above the surface) |
| КОб | protected against 1 joules impact (equivalent to 0.25kg mass dropped from 400mm above the surface) |
| IK07 | protected against 2 joules impact (equivalent to 0.5kg mass dropped from 400mm above the surface) |
| КОВ | protected against 5 joules impact (equivalent to 1.7kg mass dropped from 300mm above the surface) |
| 1609 | protected against 10 joules impact (equivalent to 5.0kg mass dropped from 200mm above the surface) |
| IK10 | protected against 20 joules impact (equivalent to 5.0kg mass dropped from 400mm above the surface) |

June 21, 2024, 7:31 pm