

OLODUM ROUND RECESSED

E10I0019-

base number Color
Temperature

- 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: Olodum
Subseries: Olodum Round
Brand: Side
Division: Exterior
Mounting Type: Recessed
Mounting Location: In-Ground
Subcategory: Uplight

PHYSICAL

Shape: Round
Diameter (mm): 76
Diameter (in): 3
Height (mm): 62
Height (in): 2 7/16
Light Distribution: Uplight
Weight (kg): 0.3
Weight (lbs): 0.66
Diffuser: Clear tempered glass
Gasket: Silicon rubber
Fixture Finish: SSS
Fixture Material: Stainless Steel

ELECTRICAL

Lamp Type: LED (Zhaga Standard)
Total Output Wattage (W): 3.5
Dimming: Non-Dimming / Phase Dimming (120Vac only) / 0-10V Dimming
Driver Included: No
Driver Location: Remote
Driver Type: Constant Current - 120 / 277Vac
Driver Class: Class 2
Input Voltage (V): 120 - 277
Constant Current (MA): 350
Upon Request: Dimming requires 2 fixture minimum

LED

Color Temperature (°K): 3000 / 4000
Max. Delivered Lumen (lm): 285 / 300
CRI: >80 CRI
Lamp Life (hrs): 50000

OPTICAL

Reflector: Polycarbonate Metallized Reflector
Optic: 45

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards
IP rating: IP67
IK Rating: IK07

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



0.30 kg / 0.66 lbs

E

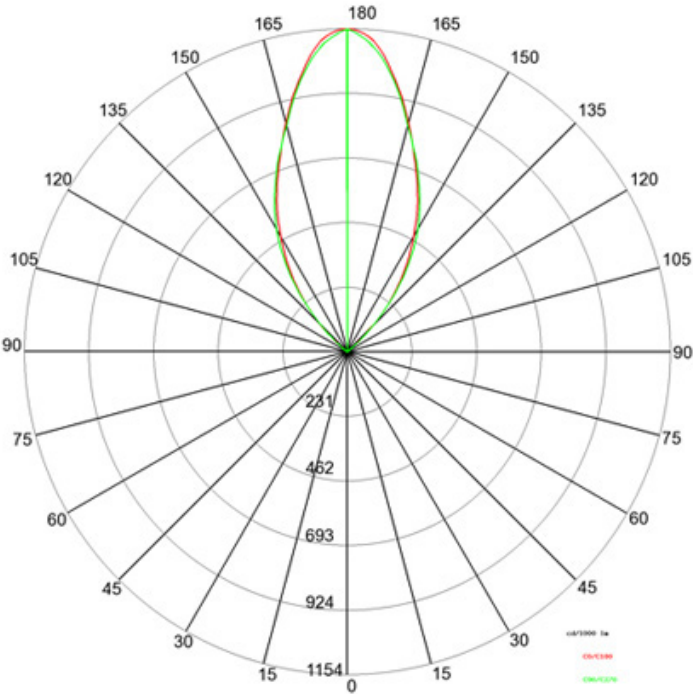
PROJECT

TYPE

SPECIFIER

QUANTITY

DATE



| EmaxEmin | 180° | |
|----------------------|-----------------|-----------------------|
| 90° | 90° | 0 m |
| 78 / 22 | Area: NAN x NAN | 2 m |
| 20 / 8 | Area: NAN x NAN | 4 m |
| 9 / 4 | Area: NAN x NAN | 6 m |
| 5 / 3 | Area: NAN x NAN | 8 m |
| 4 / 2 | Area: NAN x NAN | 10 m |
| 3 / 2 | Area: NAN x NAN | 12 m |
| | 0° | |
| C0-C180: 154° x 154° | | C90-C270: 153° x 153° |



OLODUM ROUND RECESSED

E10I0093-

base number Color
Temperature

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: Olodum
Subseries: Olodum Round
Brand: Side
Division: Exterior
Mounting Type: Recessed
Mounting Location: In-Ground
Subcategory: Walk Over

PHYSICAL

Shape: Round
Diameter (mm): 65
Diameter (in): 2 9/16
Height (mm): 62
Height (in): 2 7/16
Light Distribution: Uplight
Weight (kg): 0.3
Weight (lbs): 0.66
Load Resistance (kg): 500
Load Resistance (lbs): 1102
Diffuser: Clear tempered glass
Gasket: Silicon rubber
Fixture Finish: SSS
Fixture Material: Stainless Steel

ELECTRICAL

Lamp Type: LED (Zhaga Standard)
Input Wattage (W): 3.5
Total Output Wattage (W): 3
Driver Included: No
Input Voltage (V): 120
Constant Current (MA): 350

LED

Number of LEDs: 1
Color Temperature (°K): 3000 / 4000
Max. Delivered Lumen (lm): 285 / 300
CRI: >80 CRI

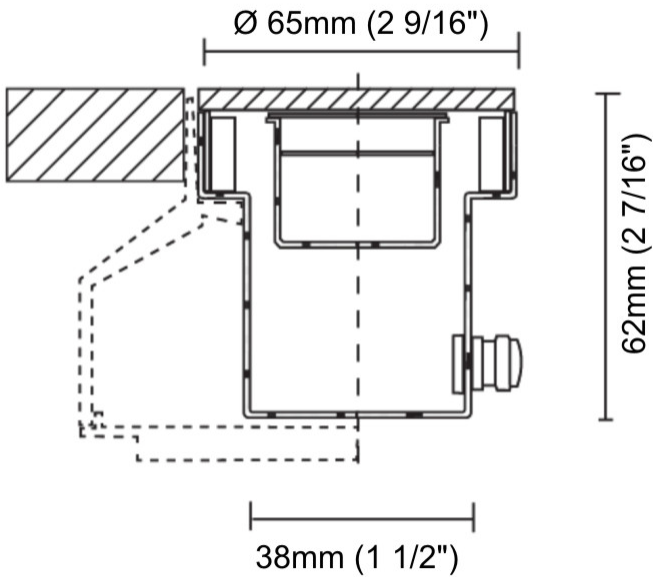
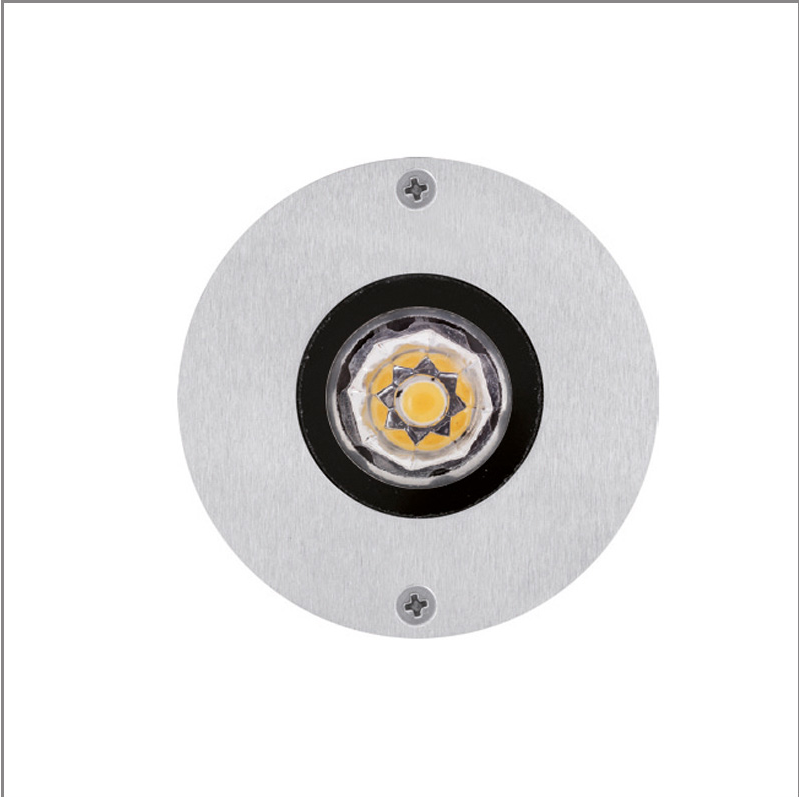
OPTICAL

Reflector°: Polycarbonate metallized reflector
Optic°: 45

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards
IP rating: IP67
IK Rating: IK07

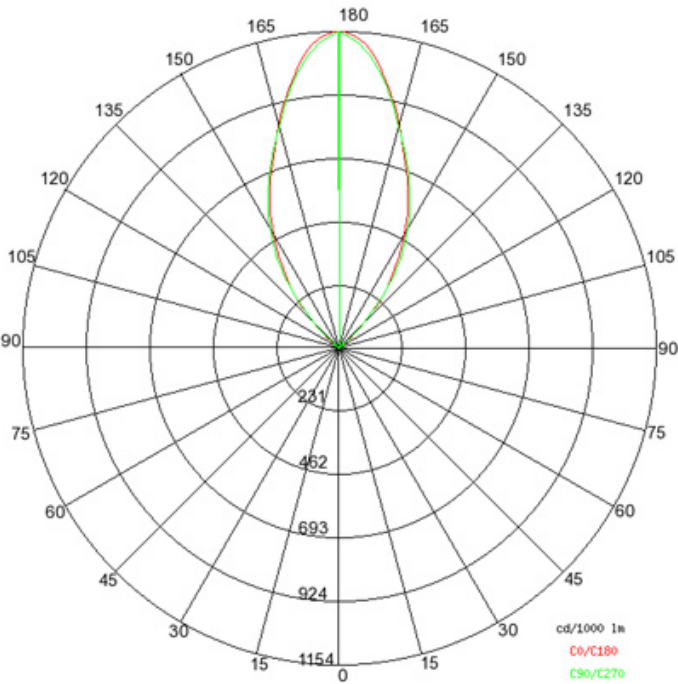
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| PROJECT |
| TYPE |
| SPECIFIER |
| QUANTITY |
| DATE |



0.3kg / 0.66lbs



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



| Emax/Emin | 180° | |
|-----------|----------------------|-----------------------|
| 90° | 90° | 0 m |
| 78 / 22 | Area: NAN x NAN | 2 m |
| 20 / 8 | Area: NAN x NAN | 4 m |
| 9 / 4 | Area: NAN x NAN | 6 m |
| 5 / 3 | Area: NAN x NAN | 8 m |
| 4 / 2 | Area: NAN x NAN | 10 m |
| 3 / 2 | Area: NAN x NAN | 12 m |
| | 0° | |
| | C0-C180: 154° + 154° | C90-C270: 153° + 153° |



OLODUM SQUARE RECESSED

E10I0094-

base number Color
Temperature

- 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: Olodum
Subseries: Olodum Square
Brand: Side
Division: Exterior
Mounting Type: Recessed
Mounting Location: In-Ground
Subcategory: Walk Over

PHYSICAL

Shape: Square
Width (mm): 76
Width (in): 3
Height (mm): 62
Height (in): 2 7/16
Light Distribution: Uplight
Weight (kg): 0.3
Weight (lbs): 0.66
Load Resistance (kg): 500
Load Resistance (lbs): 1102
Diffuser: Clear tempered glass
Gasket: Silicon rubber
Fixture Finish: SSS
Fixture Material: Stainless Steel

ELECTRICAL

Lamp Type: LED (Zhaga Standard)
Input Wattage (W): 3.5
Total Output Wattage (W): 3.5
Driver Included: No
Input Voltage (V): 120
Constant Current (MA): 350

LED

Number of LEDs: 1
Color Temperature (°K): 3000 / 4000
Max. Delivered Lumen (lm): 285 / 300
CRI: >80 CRI

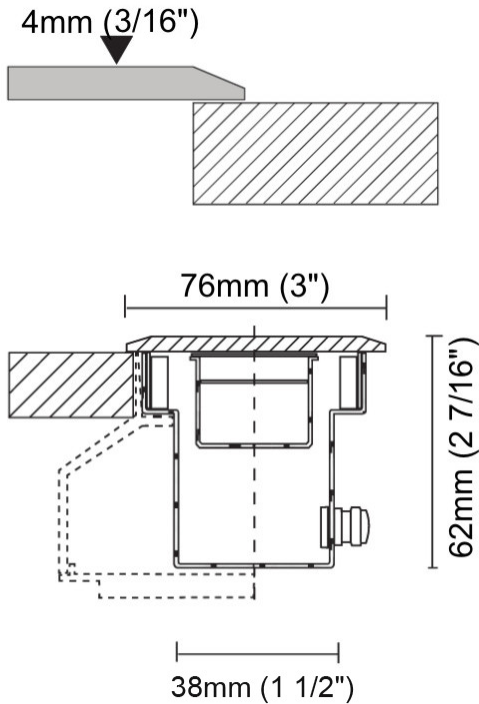
OPTICAL

Reflector°: Polycarbonate metallized reflector
Optic°: 45

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards
IP rating: IP67
IK Rating: IK07

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



0.30 kg / 0.66 lbs

E

OLODUM SQUARE RECESSED

E10I0094-

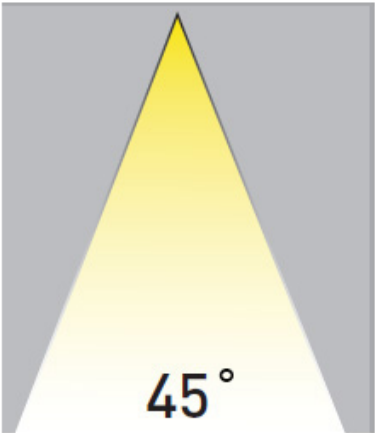
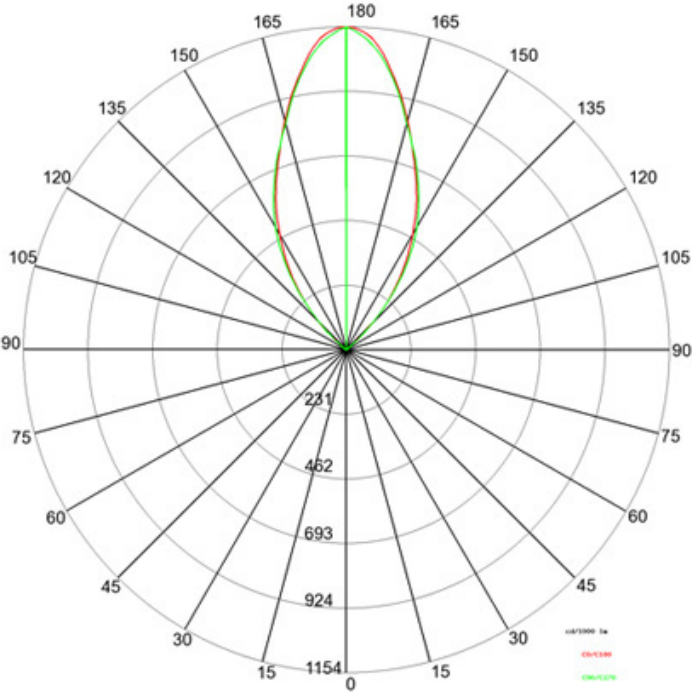
PROJECT

TYPE

SPECIFIER

QUANTITY

DATE



| E _{max} E _{min} | | 180° | |
|-----------------------------------|---------|-----------------------|------|
| | 90° | | 90° |
| | 78 / 22 | Area: NAN x NAN | 0 m |
| | 20 / 8 | Area: NAN x NAN | 2 m |
| | 9 / 4 | Area: NAN x NAN | 4 m |
| | 5 / 3 | Area: NAN x NAN | 6 m |
| | 4 / 2 | Area: NAN x NAN | 8 m |
| 3 / 2 | | Area: NAN x NAN | 10 m |
| | | Area: NAN x NAN | 12 m |
| | | 0° | |
| C0-C180: 154° + 154° | | C90-C270: 153° + 153° | |



OLODUM ROUND RECESSED

E10Q0034-

base number Color
Temperature

- 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: Olodum
Subseries: Olodum Round
Brand: Side
Division: Exterior
Mounting Type: Recessed
Mounting Location: Ceiling
Subcategory: Downlight

PHYSICAL

Shape: Round
Diameter (mm): 76
Diameter (in): 3
Height (mm): 58
Height (in): 2 5/16
Min. Recessing Depth (mm): 63
Min. Recessing Depth (in): 2 1/2
Light Distribution: Direct
Weight (kg): 0.4
Weight (lbs): 0.88
Diffuser: Clear tempered glass
Gasket: Silicon rubber
Fixture Finish: SSS
Fixture Material: Stainless Steel

ELECTRICAL

Lamp Type: LED (Zhaga Standard)
Input Wattage (W): 4.4
Total Output Wattage (W): 3.1
Dimming: Non-Dimming / Phase Dimming (120Vac only) / 0-10V Dimming
Driver Included: No
Driver Location: Remote
Driver Type: Constant Current - 120 / 277Vac
Driver Class: Class 2
Input Voltage (V): 120 - 277
Constant Current (MA): 350

LED

Color Temperature (°K): 3000 / 4000
Max. Delivered Lumen (lm): 285 / 300
Nominal Lumen (lm): 350 / 380
CRI: >80 CRI
Lamp Life (hrs): 50000

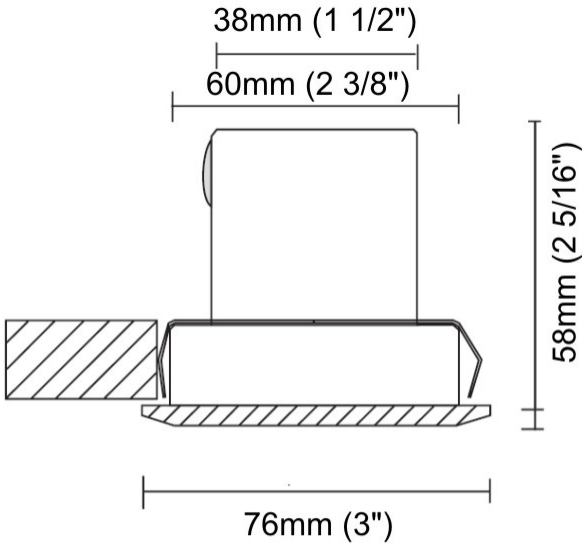
OPTICAL

Optic°: 45

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards
IP rating: IP67
IK Rating: IK07

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



0.40 kg / 0.88 lbs

61mm (2 3/8")

Recessed Thickness
10 / 12.5 / 15 / 25 / 30 mm
(3/8" / 1/2" / 9/16" / 1" / 1 3/16")

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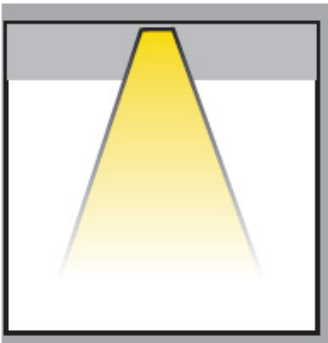
PROJECT

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SPECIFIER

QUANTITY

DATE



OLODUM SQUARE RECESSED

E10Q0036-

base number Color
Temperature

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: Olodum

Subseries: Olodum Square

Brand: Side

Division: Exterior

Mounting Type: Recessed

Mounting Location: Ceiling

Subcategory: Downlight

PHYSICAL

Shape: Square

Length (mm): 76

Length (in): 3

Width (mm): 76

Width (in): 3

Height (mm): 58

Height (in): 2 5/16

Min. Recessing Depth (mm): 63

Min. Recessing Depth (in): 2 1/2

Light Distribution: Downlight

Weight (kg): 0.4

Weight (lbs): 0.88

Diffuser: Clear tempered glass

Gasket: Silicon rubber

Fixture Finish: SSS

Fixture Material: Stainless Steel

ELECTRICAL

Lamp Type: LED (Zhaga Standard)

Total Output Wattage (W): 3.5

Dimming: 0-10V Dimming / Phase Dimming (120Vac Only)

Driver Included: No

Driver Location: Remote

Driver Type: Constant Current - 120 / 277Vac

Input Voltage (V): 120 - 277

Constant Current (MA): 350

LED

Color Temperature (°K): 3000 / 4000

Max. Delivered Lumen (lm): 285 / 300

Nominal Lumen (lm): 250 / 380

CRI: >80 CRI

Lamp Life (hrs): 50000

OPTICAL

Optic°: 45

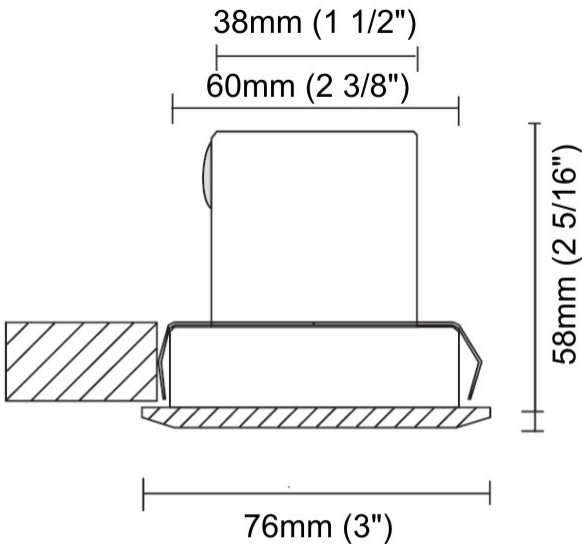
RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards

IP rating: IP67

IK Rating: IK07

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| PROJECT | |
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0.40 kg / 0.88 lbs

61mm (2 3/8")

Recessed Thickness
10 / 12.5 / 15 / 25 / 30 mm
(3/8" / 1/2" / 9/16" / 1" / 1 3/16")

E

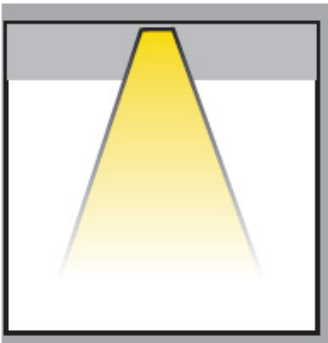
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Fixture Finish

Satined Stainless Steel - SSS



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.



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

| | |
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| | protected against ingress of solid bodies greater than 12.5mm (finger) |
| | protected against ingress of solid bodies greater than 2.5mm protected against sprays of water up to 60 degrees from the vertical (rain) |
| | protected against ingress of solid bodies greater than 1mm (wire) no protection against the ingress of moisture |
| | protected against ingress of solid bodies greater than 1mm (wire) protected against sprays of water up to 60 degrees from the vertical (rain) |
| | protected against ingress of solid bodies greater than 1mm (wire) protected against water splashed from all directions |
| | protected against limited ingress of dust (wet rooms/covered outdoor areas) protected against water splashed from all directions |
| | protected against ingress of dust protected against jets of water |
| | protected against ingress of dust protected against powerful jets of water or heavy seas |
| | protected against ingress of dust protected against immersion of water between 15cm - 1m for 30 minutes |
| | protected against ingress of dust 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) |