

NANO ROUND RECESSED

E9I124- -

base number Color Lens
 Temperature 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: Nano
Subseries: Nano Round
Brand: Platek
Division: Exterior
Mounting Type: Recessed
Mounting Location: In-Ground
Subcategory: Walk Over

PHYSICAL

Shape: Round
Diameter (mm): 45
Diameter (in): 1 3/4
Height (mm): 75
Height (in): 2 15/16
Light Distribution: Direct
Weight (kg): 0.4
Weight (lbs): 0.88
Load Resistance (kg): 500
Load Resistance (lbs): 1102
Installation Requirement: Installation in sleeve set in concrete with a 20-30 cm gravel drain bed
Diffuser: Clear tempered glass
Fixture Finish: SST
Fixture Material: Stainless Steel AISI 316L
Cable Details: Supplied with 1 power cable 0.5m in length

ELECTRICAL

Lamp Type: LED
Input Wattage (W): 1.8 / 2.5
Total Output Wattage (W): 1.2 / 2
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 / 700
Upon Request: (Not included - see components [IP65 or higher enclosure to be supplied by others]) 0-10Vdc dimming / Phase dimming / Non-dimming 120/277Vac

LED

Number of LEDs: 1
Color Temperature (°K): 2700 / 3000 / 4000
Max. Delivered Lumen (lm): 155 - 175 / 160 - 180
Nominal Lumen (lm): 250 / 260
CRI: >80 CRI
Lamp Life (hrs): 60000

OPTICAL

Optic°: 14 / 21 / 33 / DIF / ELL

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards
IP rating: IP68
IK Rating: IK07
Bug Rating: B0 U3 G0
Marine Grade: Stainless Steel AISI 316L

PROJECT _____

TYPE _____

SPECIFIER _____

QUANTITY _____

DATE _____

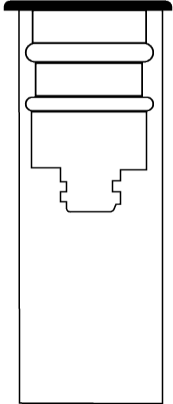
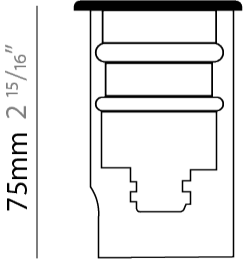
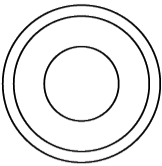
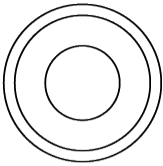


45mm 1 3/4"

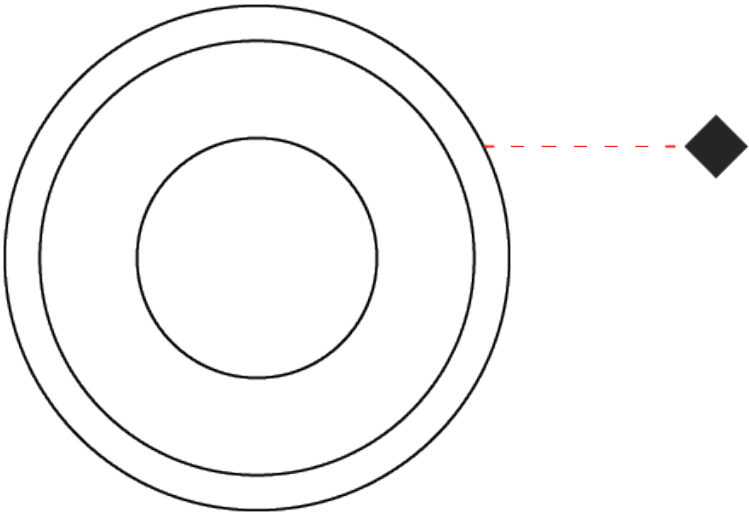
45mm 1 3/4"

21mm 0 13/16"

21mm 0 13/16"



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NANO ROLL OVER RECESSED

E9I544-

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: Nano
Subseries: Nano Roll Over
Brand: Platek
Division: Exterior
Mounting Type: Recessed
Mounting Location: In-Ground
Subcategory: Marker

PHYSICAL

Shape: Round
Diameter (mm): 45
Diameter (in): 1 3/4
Height (mm): 75
Height (in): 2 15/16
Light Distribution: Uplight
Weight (kg): 0.4
Weight (lbs): 0.88
Load Resistance (kg): 500
Load Resistance (lbs): 1102
Diffuser: Transparent PMMA
Fixture Finish: SST
Fixture Material: Stainless Steel AISI 316L
Cable Details: Supplied with 1 power cable 0.5m in length

ELECTRICAL

Lamp Type: LED
Input Wattage (W): 1
Total Output Wattage (W): 1
Driver Included: No
Driver Location: Remote
Driver Type: Constant Current - 120 / 277Vac
Input Voltage (V): 120 - 277
Constant Current (MA): 350
Upon Request: (Not included - see components [IP65 or higher enclosure to be supplied by others]) 0-10Vdc dimming / Phase dimming 120Vac only / Non-dimming 120/277Vac

LED

Color Temperature (°K): 2700 / 3000 / 4000
Max. Delivered Lumen (lm): 25 / 26
Nominal Lumen (lm): 250 / 260
CRI: >80 CRI
Lamp Life (hrs): 60000

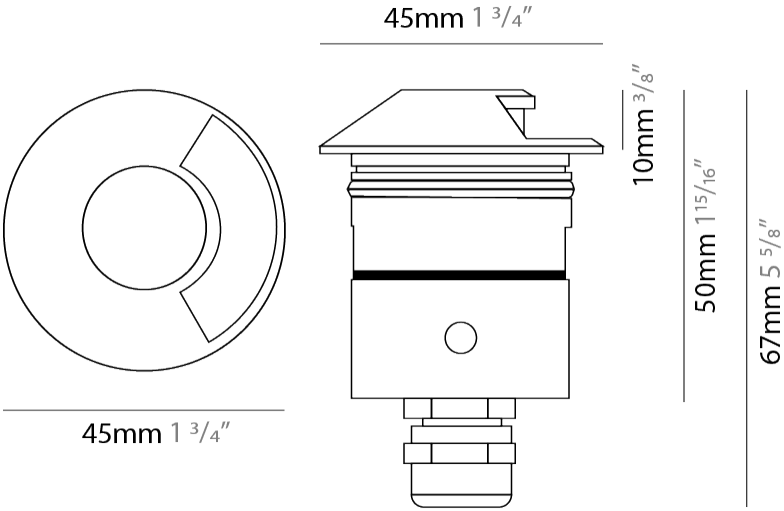
OPTICAL

Optic°: 1 opening

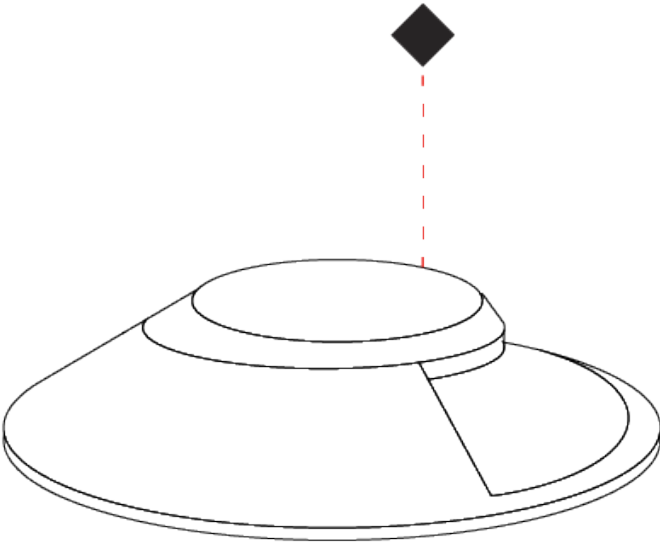
RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards
IP rating: IP68
IK Rating: IK10
Bug Rating: B0 U2 G0
Marine Grade: Stainless Steel AISI 316L

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NANO ROLL OVER RECESSED

E9I545-

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: Nano
Subseries: Nano Roll Over
Brand: Platek
Division: Exterior
Mounting Type: Recessed
Mounting Location: In-Ground
Subcategory: Marker

PHYSICAL

Shape: Round
Diameter (mm): 45
Diameter (in): 1 3/4
Height (mm): 75
Height (in): 2 15/16
Light Distribution: Uplight
Weight (kg): 0.4
Weight (lbs): 0.88
Load Resistance (kg): 500
Load Resistance (lbs): 1102
Diffuser: Transparent PMMA
Fixture Finish: SST
Fixture Material: Stainless Steel AISI 316L
Cable Details: Supplied with 1 power cable 0.5m in length

ELECTRICAL

Lamp Type: LED
Input Wattage (W): 1
Total Output Wattage (W): 1
Driver Included: No
Driver Location: Remote
Driver Type: Constant Current - 120 / 277Vac
Input Voltage (V): 120 - 277
Constant Current (MA): 350
Upon Request: (Not included - see components [IP65 or higher enclosure to be supplied by others]) 0-10Vdc dimming / Phase dimming / Non-dimming 120/277Vac

LED

Color Temperature (°K): 2700 / 3000 / 4000
Max. Delivered Lumen (lm): 52 / 55
Nominal Lumen (lm): 250 / 260
CRI: >80 CRI
Lamp Life (hrs): 60000

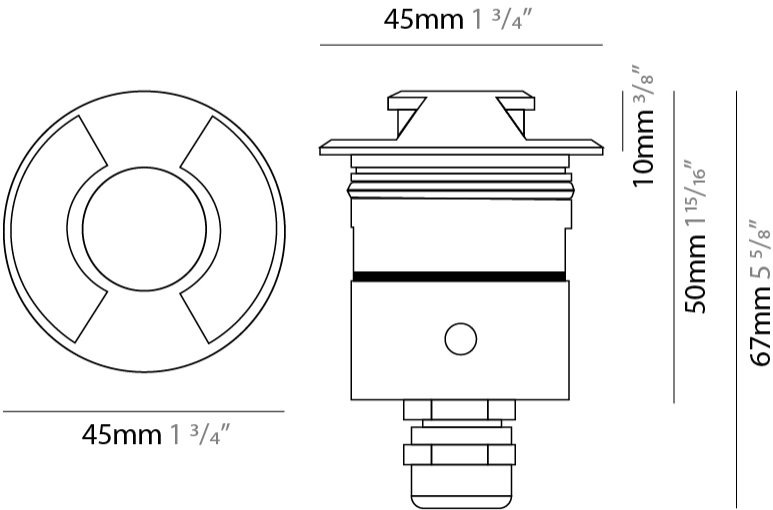
OPTICAL

Optic°: 2 Openings

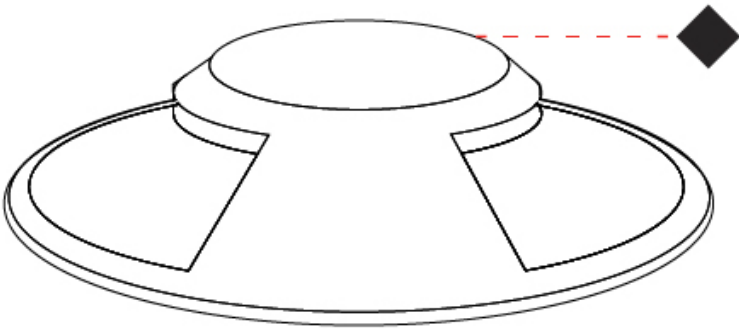
RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards
IP rating: IP68
IK Rating: IK10
Bug Rating: B0 U2 G0

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NANO SQUARE RECESSED

E9I641- -

base number Color Lens
 Temperature 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: Nano
Subseries: Nano Square
Brand: Platek
Division: Exterior
Mounting Type: Recessed
Mounting Location: In-Ground
Subcategory: Walk Over

PHYSICAL

Shape: Square
Length (mm): 45
Length (in): 1 3/4
Width (mm): 45
Width (in): 1 3/4
Height (mm): 75
Height (in): 2 15/16
Light Distribution: Uplight
Weight (kg): 0.4
Weight (lbs): 0.88
Load Resistance (kg): 500
Load Resistance (lbs): 1102
Diffuser: Clear tempered glass
Fixture Finish: SST
Fixture Material: Stainless Steel AISI 316L
Cable Details: Supplied with 1 power cable 0.5m in length

ELECTRICAL

Lamp Type: LED
Input Wattage (W): 2
Total Output Wattage (W): 1.2 / 2
Driver Included: No
Driver Location: Remote
Driver Type: Constant Current - 120 / 277Vac
Input Voltage (V): 120 - 277
Constant Current (MA): 350 / 700
Upon Request: (Not included - see components [IP65 or higher enclosure to be supplied by others]) 0-10Vdc dimming / Phase dimming / Non-dimming 120/277Vac

LED

Number of LEDs: 1
Color Temperature (°K): 2700 / 3000 / 4000
Max. Delivered Lumen (lm): 155 - 175 / 160 - 180
Nominal Lumen (lm): 250 / 260
CRI: >80 CRI
Lamp Life (hrs): 60000

OPTICAL

Optic°: 14 / 21 / 33 / DIF / ELL

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards
IP rating: IP68
IK Rating: IK07
Bug Rating: B0 U3 G0
Marine Grade: Stainless Steel AISI 316L

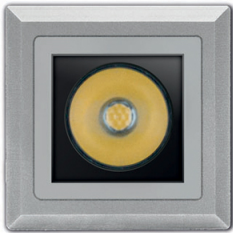
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TYPE _____

SPECIFIER _____

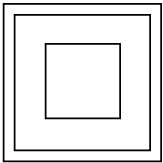
QUANTITY _____

DATE _____



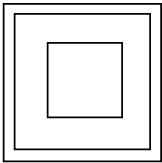
45mm 1 3/4"

21mm 0 13/16"

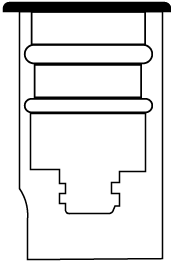


45mm 1 3/4"

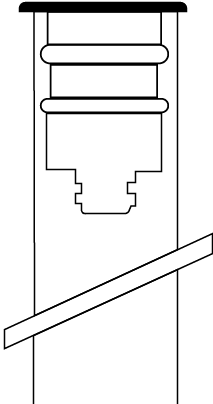
21mm 0 13/16"



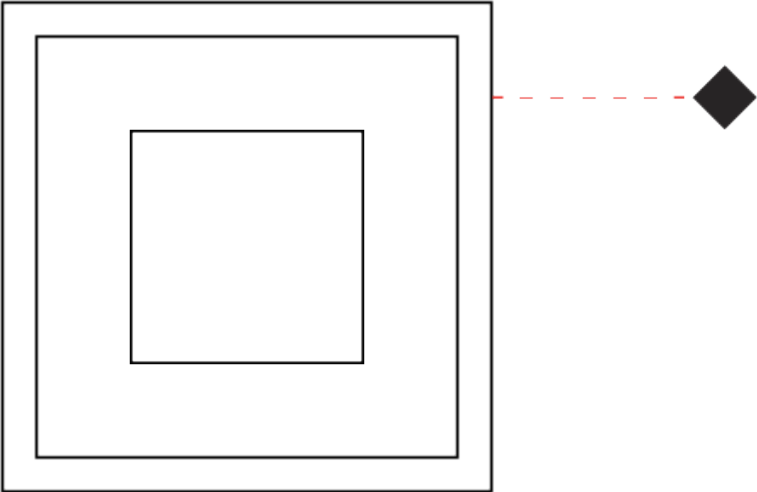
75mm 2 15/16"



200mm 7 7/8"



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NANO ROUND RECESSED

E9Q050-

-

base number

Color

Temperature

Lens

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: Nano

Subseries: Nano Round

Brand: Platek

Division: Exterior

Mounting Type: Recessed

Mounting Location: Ceiling

Subcategory: Downlight

PHYSICAL

Shape: Round

Diameter (mm): 45

Diameter (in): 1 3/4

Height (mm): 65

Height (in): 2 9/16

Ceiling Thickness (mm): 10 - 20

Ceiling Thickness (in): 3/8 - 13/16

Light Distribution: Downlight

Diffuser: Clear tempered glass

Fixture Finish: SST

Fixture Material: Stainless Steel AISI 316L

Cut-out Measurements: 37mm / 1 7/16" diameter

ELECTRICAL

Lamp Type: LED

Total Output Wattage (W): 2

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): 700

LED

Number of LEDs: 1

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

Max. Delivered Lumen (lm): 155 - 175 / 160 - 180

Nominal Lumen (lm): 250 / 260

CRI: >80 CRI

Lamp Life (hrs): 60000

OPTICAL

Optic°: 14 / 26 / 33

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards

IP rating: IP68

IK Rating: IK07

Bug Rating: B0 U0 G0

Marine Grade: Stainless Steel AISI 316L

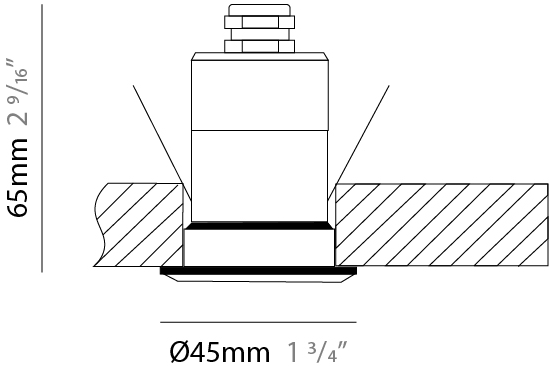
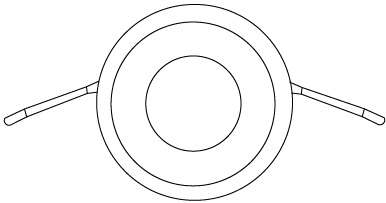
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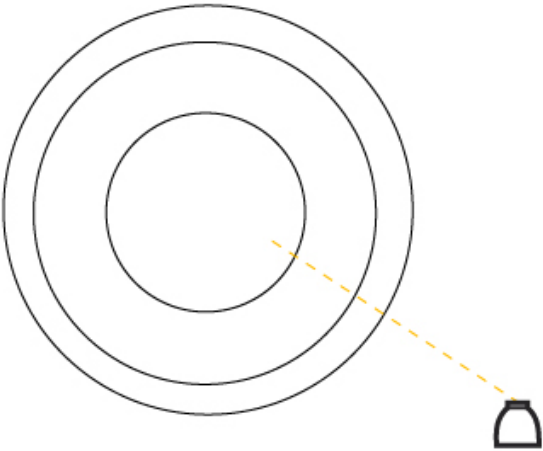
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NANO SQUARE RECESSED

E9Q116-

-

base number

Color

Temperature

Lens

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: Nano

Subseries: Nano Square

Brand: Platek

Division: Exterior

Mounting Type: Recessed

Mounting Location: Ceiling

Subcategory: Downlight

PHYSICAL

Shape: Square

Length (mm): 45

Length (in): 1 3/4

Width (mm): 45

Width (in): 1 3/4

Height (mm): 65

Height (in): 2 9/16

Ceiling Thickness (mm): 10 - 20

Ceiling Thickness (in): 3/8 - 13/16

Light Distribution: Downlight

Diffuser: Clear tempered glass

Fixture Finish: SST

Fixture Material: Stainless Steel AISI 316L

Cut-out Measurements: 37mm / 1 7/16" diameter

ELECTRICAL

Lamp Type: LED

Input Wattage (W): 2

Total Output Wattage (W): 1.2 / 2

Driver Included: No

Driver Location: Remote

Driver Type: Constant Current - 120 / 277Vac

Input Voltage (V): 120 - 277

Constant Current (mA): 350 / 700

Upon Request: (Not included - see components [IP65 or higher enclosure to be supplied by others]) 0-10Vdc dimming / Phase dimming / Non-dimming 120/277Vac

LED

Number of LEDs: 1

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

Max. Delivered Lumen (lm): 155 - 175 / 160 - 180

Nominal Lumen (lm): 250 / 260

CRI: >80 CRI

Lamp Life (hrs): 60000

OPTICAL

Optic°: 14 / 26 / 33

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards

IP rating: IP68

IK Rating: IK07

Bug Rating: B0 U0 G0

Marine Grade: Stainless Steel AISI 316L

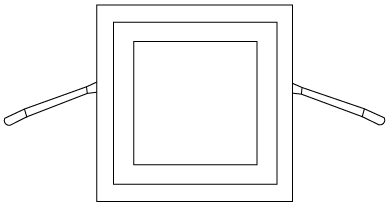
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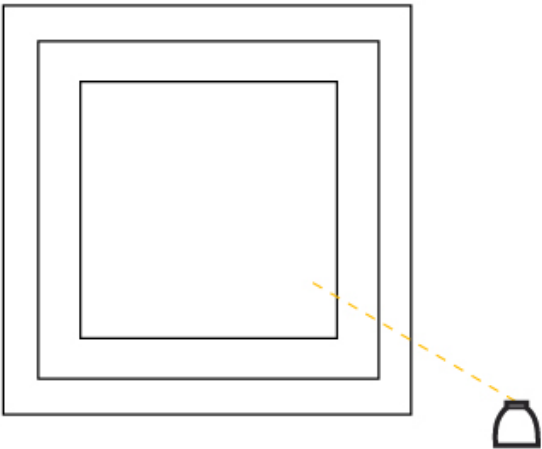
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Fixture Finish



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) |