

## OLODUM ROUND RECESSED

### E10I0019-

base number \_\_\_\_\_ Color \_\_\_\_\_  
 Temperature \_\_\_\_\_

- 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: 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



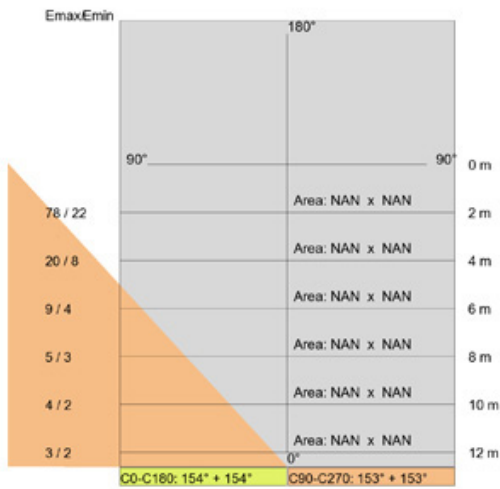
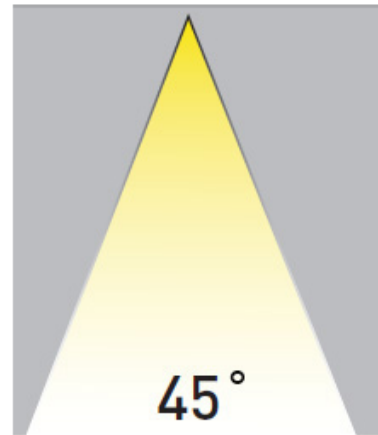
 0.30 kg / 0.66 lbs



## OLODUM ROUND RECESSED

E10I0019-

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



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

## OLODUM ROUND RECESSED

### E10I0093-

base number Color  
Temperature

- 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: 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



⚖ 0.3kg / 0.66lbs



## OLODUM ROUND RECESSED

E10I0093-

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



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



## OLODUM SQUARE RECESSED

### E10I0094-

base number \_\_\_\_\_ Color \_\_\_\_\_  
 Temperature \_\_\_\_\_

- 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: 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

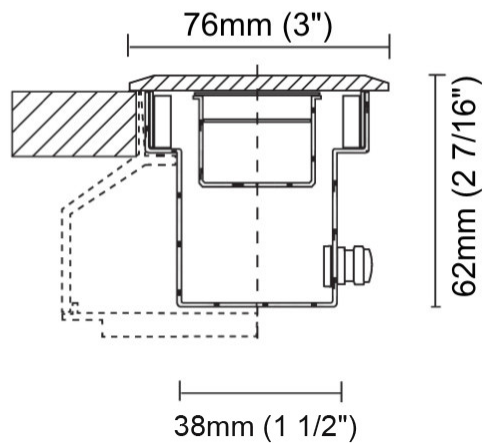
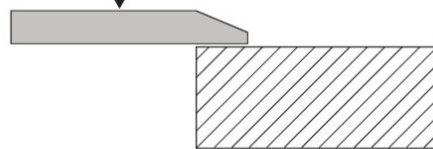
Reflector°: Polycarbonate metallized reflector  
 Optic°: 45

#### RATINGS AND CERTIFICATIONS

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



4mm (3/16")



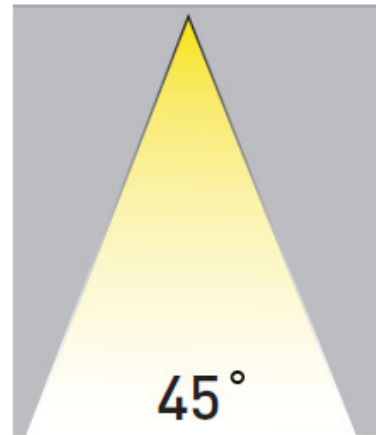
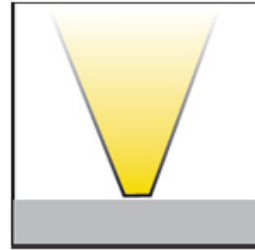
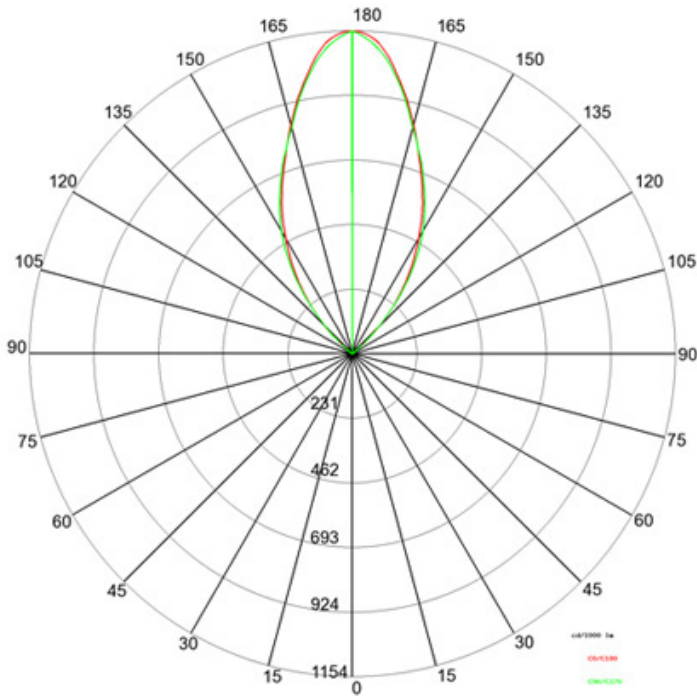
0.30 kg / 0.66 lbs



## OLODUM SQUARE RECESSED

E10I0094-

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



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

E

PROJECT \_\_\_\_\_

TYPE \_\_\_\_\_

SPECIFIER \_\_\_\_\_

QUANTITY \_\_\_\_\_

DATE \_\_\_\_\_

#### 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                                                                              |
|  | 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)    |