### **OLODUM RECESSED**

### E10I0047-

base number	Color
	Temperature

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

**BA** Options

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
Brand: Side
Division: Exterior
Mounting Type: Recessed
Mounting Location: In-Ground
Subcategory: Drive Over
PHYSICAL
Shape: Round
Diameter (mm): 220
Diameter (in): 8 <sup>11</sup> / <sub>16</sub>
Height (mm): 242
Height (in): 9 <sup>1</sup> / <sub>2</sub>
Light Distribution: Adjustable / Direct
Weight (kg): 3.8
Weight (lbs): 8.38
Diffuser: Clear tempered glass
Fixture Finish: SSS
Fixture Material: Aluminum Die Cast
ELECTRICAL
Lamp Type: LED (Zhaga Standard)
Input Wattage (W): 20
Total Output Wattage (W): 17
Dimming: Non-Dimming / Phase Dimming (120vac Only)
Driver Included: Yes
Driver Location: Integrated
Driver Type: Constant Current - Universal
Driver Class: Class 2
Input Voltage (V): 120 - 277
Constant Current (MA): 500
Upon Request: (Not included - see components [IP65 or higher enclosure to be supplied by others]) Remote: 0-10Vdc dimming / (Included) Integral: Phase dimming @120Vac only / 277Vac
IFD

### LED

Color Temperature (°K): 3000 / 4000
Max. Delivered Lumen (lm): 2434.9 / 2607.5
Nominal Lumen (lm): 2750 / 2945
CRI: >80 CRI

Lamp Life (hrs): 50000

### OPTICAL

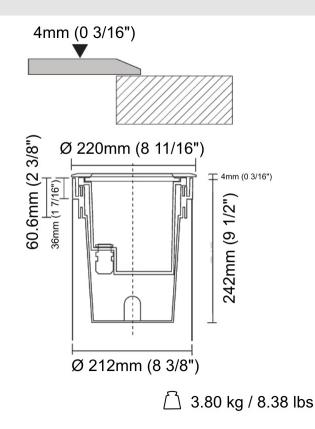
Reflector<sup>o</sup>: Metallised polycarbonate reflector - Pivoting 350° and adjustable +/- 15° reflector Optic<sup>o</sup>: 15 / 45 / 65 / ASY

### RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards
IP rating: IP67
IK Rating: IK10

PROJECT			
ТҮРЕ			
SPECIFIER			
QUANTITY			
DATE			





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F

## **OLODUM RECESSED**

## E10I0047-

105 105 90 75 60 45 30	165 180 165 165 165 165 165 165 165 165	150 135 120 105 90 90 45 60 45
30	15 644 0 15	30 cd/1000 lm C0/C180 C50/C270





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Ε

### **OLODUM RECESSED**

### E10|0059-

base number Color Temperature

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

BA Options

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	
Brand: Side	
Division: Exterior	
Mounting Type: Re	ecessed
Mounting Location	n: In-Ground
Subcategory: Upli	ght
PHYSICAL	
Shape: Round	
Diameter (mm): 22	20
Diameter (in): 8 <sup>11</sup> / <sub>1</sub>	6
Height (mm): 242	
Height (in): 9 <sup>1</sup> / <sub>2</sub>	
Light Distribution:	Adjustable / Direct
Weight (kg): 3.8	
Weight (lbs): 8.38	
Diffuser: Clear tem	ipered glass
Gasket: Silicon rul	ober
Fixture Finish: SSS	
Fixture Material: A	luminum Die Cast
ELECTRICAL	
Lamp Type: LED (2	Zhaga Standard)
Input Wattage (W)	:20
Total Output Watt	age (W): 17
Dimming: Tri-Mod and 0-10V Dimmin	e (Non-Dimming and Phase Dimming (120Vac only) ng)
Driver Included: Ye	es
Driver Location: In	itegrated
Driver Type: Const	tant Current - Universal
Driver Class: Class	2
Input Voltage (V):	120 - 277
Constant Current	
enclosure to be su	ot included - see components [IP65 or higher Ipplied by others]) Remote: 0-10Vdc dimming / l: Phase dimming @120Vac only / 277Vac

#### LED

Color Temperature (°K): 3000 / 4000

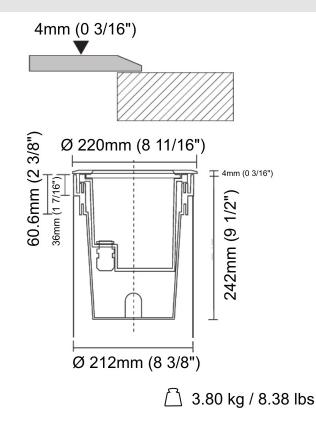
Max. Delivered Lumen (lm): 2434.9 / 2607.5
Nominal Lumen (lm): 2750 / 2945
CRI: >80 CRI
Lamp Life (hrs): 50000
OPTICAL
Reflector <sup>®</sup> : Polycarbonate metallized reflector
Reflector*: Polycarbonate metallized reflector   Optic*: 15 / 45 / 65 / ASY

Certified By: Certified for North American Standards

IP rating: IP67	
IK Rating: IK10	

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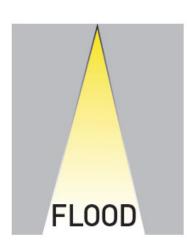
In a constant effort to supply the best product, we reserve the right to change specifications or materials without notice. The most recent specification sheets are found at zaneen.com

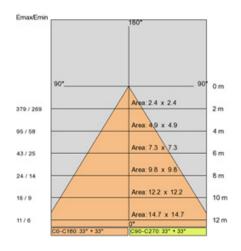
F

## **OLODUM RECESSED**

## E10I0059-

	165 180 165 165 165 165 165 165 165 165	150 135 120 105 90 90 75 60 45 30 cd/1000 la
30	15 644 0 15	30 cd/1000 lm C0/C180 C90/C270





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Е

### **OLODUM RECESSED**

### E10Q0040-

ase	number	

Color **BA** Options 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
Brand: Side
Division: Exterior
Mounting Type: Recessed
Mounting Location: Ceiling
Subcategory: Downlight
PHYSICAL
Shape: Round
Diameter (mm): 220
Diameter (in): 8 <sup>11</sup> / <sub>16</sub>
Height (mm): 215
Height (in): 8 <sup>7</sup> / <sub>16</sub>
Light Distribution: Adjustable / Direct
Weight (kg): 3.6
Weight (lbs): 7.94
Diffuser: Clear tempered glass
Fixture Finish: SSS
Fixture Material: Aluminum Die Cast
ELECTRICAL
Lamp Type: LED (Zhaga Standard)
Input Wattage (W): 20
Total Output Wattage (W): 17
Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming)
Driver Included: Yes
Driver Location: Integrated
Driver Type: Constant Current - Universal
Driver Class: Class 2
Input Voltage (V): 120 - 277
Constant Current (MA): 500
Upon Request: (Not included - see components [IP65 or higher enclosure to be supplied by others]) 0-10Vdc dimming / (Included) Integral: Phase dimming @120Vac only / 277Vac

### LED

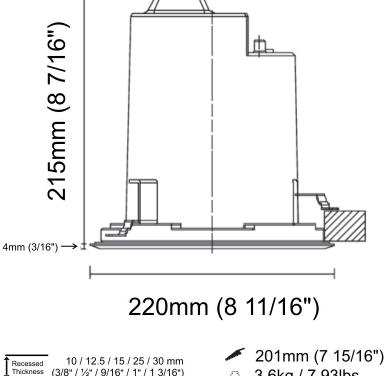
Color Temperature (°K): 3000 / 4000
Max. Delivered Lumen (lm): 2434.9 / 2607.5
Nominal Lumen (lm): 2750 / 2945
CRI: >80 CRI
Lamp Life (hrs): 50000
OPTICAL
Reflector <sup>o</sup> : Polycarbonate metallized reflector
Optic°: 15 / 45 / 65 / ASY
RATINGS AND CERTIFICATIONS

#### RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards	
IP rating: IP67	
IK Rating: IK10	

PROJECT			
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DATE			





(3/8" / 1/2" / 9/16" / 1" / 1 3/16")

F

3.6kg / 7.93lbs R

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## **OLODUM RECESSED**

## E10Q0040-

105 105 90 75 60 45 30	165 180 165 165 165 165 165 165 165 165	150 135 120 105 90 90 45 60 45
30	15 644 0 15	30 cd/1000 lm C0/C180 C50/C270





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### **OLODUM RECESSED**

### E10Q0046-

ase	number	

Color BA Options 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
Brand: Side
Division: Exterior
Mounting Type: Recessed
Mounting Location: Ceiling
Subcategory: Downlight
PHYSICAL
Shape: Round
Diameter (mm): 220
Diameter (in): 8 <sup>11</sup> / <sub>16</sub>
Height (mm): 215
Height (in): 8 <sup>7</sup> / <sub>16</sub>
Light Distribution: Adjustable / Direct
Weight (kg): 3.6
Weight (lbs): 7.94
Diffuser: Clear tempered glass
Fixture Finish: SSS
Fixture Material: Aluminum Die Cast
ELECTRICAL
Lamp Type: LED (Zhaga Standard)
Input Wattage (W): 20
Total Output Wattage (W): 17
Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming)
Driver Included: Yes
Driver Location: Integrated
Driver Type: Constant Current - Universal
Driver Class: Class 2
Input Voltage (V): 120 - 277
Constant Current (MA): 500
Upon Request: (Not included - see components [IP65 or higher enclosure to be supplied by others]) 0-10Vdc dimming / (Included) Integral: Phase dimming @120Vac only / 277Vac

#### LED

Color Temperature (°K): 3000 / 4000	
Max. Delivered Lumen (lm): 2434.9 / 2587.5	
Nominal Lumen (lm): 2750 / 2945	
CRI: >80 CRI	
Lamp Life (hrs): 50000	

#### OPTICAL

Reflector°: Polycarbonate metallized reflector	
	-

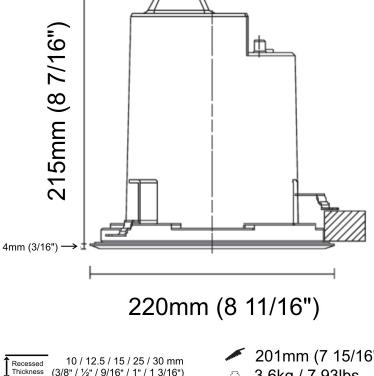
Beam Angle: Spot - 15° / Flood - 45° / Wide Flood - 65° / Asymmetric

### RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards
IP rating: IP67
IK Rating: IK10

PROJECT
ТҮРЕ
SPECIFIER
QUANTITY
DATE





(3/8" / 1/2" / 9/16" / 1" / 1 3/16") R

### 🖌 201mm (7 15/16") 3.6kg / 7.93lbs

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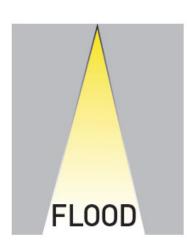
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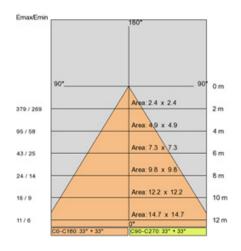
F

## **OLODUM RECESSED**

## E10Q0046-

105 105 90 75 60 45 30	165 180 165 729 258 387 516	150 135 120 105 90 90 45 30 cd/1000 la
30	15 644 0 15	30 cd/1000 lm C0/C180 C90/C270





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DATE		

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### OLODUM COLOR FINISH CHART

PROJECT

DATE			
QUANTITY			
SPECIFIER			
TYPE			
PROJECT			

#### **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.

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## OLODUM

PROJECT

TYPE

SPECIFIER

QUANTITY DATE

### LEGEND

_↓_	floor-mounted	ষ	pivotable	$\circledast$	special LED (upon request) RGB, RGBW, tunable, gold+, meat+, art+, fashion+
7	wall and ceiling: recessed and surface mounted	3	rotating	0	warm dim / natural dimming LED
Î	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
	direct light distribution	$\Box$	reflector degree selection	<b>°К</b>	color temperature
	direct/indirect light distribution	s s	super spot	LM	lumen (luminous flux)
	indirect light distribution	Å	lens	₩.	efficacy (lumens per watt)
	asymmetric light distribution	Ð	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	Ó	free individual colors 01-29	۲	drive on
d d	the supplied jig specifies the cutout dimensions	Ĩ	individual colors: 00 (free of charge), 01-25 (extra charge)	<b>BSC</b>	
(++) M++	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
1	ceiling thickness in mm		luminaire part to be colored (F3)		blown glass using traditional methods by master glass blower
1	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
<b>6</b>	included or excluded LED driver/transformer/ control gear		color of 3-circuit adaptor		protection class II, protection insulation
প	separately switchable	$\odot$	indirect diffuser		ETL Certified to UL and CSA Standards
シリ	sensor	D	direct diffuser	c (U) us	UL Certified to UL and CSA Standards
	remote control	$\boldsymbol{\textcircled{O}}$	ball-proof (upon request)	SP.	CSA Certified to UL and CSA Standards
2	available upon request	U	accessory	$\mathbb{Z}$	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
1965	protected against ingress of dust protected against jets of water
IP66	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**

КОТ	protected against 0.14 joules impact (equivalent to 0.25kg mass dropped from 56mm above the surface)
КО2	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)
КО4	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)
К10	protected against 20 joules impact (equivalent to 5.0kg mass dropped from 400mm above the surface)