OLODUM RECESSED

E10I0047-

ase 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): $8^{11}/_{16}$	
Height (mm): 242	
Height (in): $9\frac{1}{2}$	
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

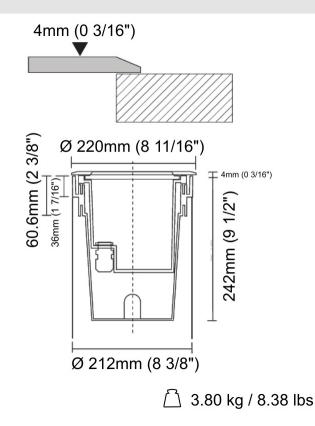
Reflector°: Metallised polycarbonate reflector - Pivoting 350° and adjustable +/- 15° reflector Opticº: 15 / 45 / 65 / ASY

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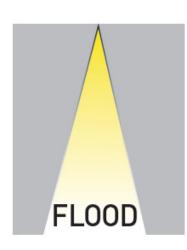
Available for International specifications by adding 'INT' at the end of the existing Model #. For assistance on 'custom' specifications, contact zteam@zaneen.com.

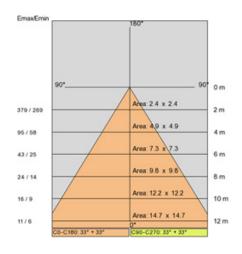
In a constant effort to supply the best product, we reserve the right to change specifications or materials without notice. The most recent specification sheets are found at zaneen.com

OLODUM RECESSED

E10I0047-

			135 120 105 90 45 60
30	15 644	0 15 30	cd/1000 lm C0/C180 C90/C270





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QUANTITY	
DATE	

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Page 2/10



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: Recessed	
Mounting Location: In-Ground	
Subcategory: Uplight	
PHYSICAL	
Shape: Round	
Diameter (mm): 220	
Diameter (in): 8 ¹¹ / ₁₆	
Height (mm): 242	
Height (in): 9 ½	
Light Distribution: Adjustable / Direct	
Weight (kg): 3.8	
Weight (lbs): 8.38	
Diffuser: Clear tempered glass	
Gasket: Silicon rubber	
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 o and 0-10V Dimming)	nly)
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	

LED

Color Temperature (°K): 3000 / 4000 1. 2424 0 /

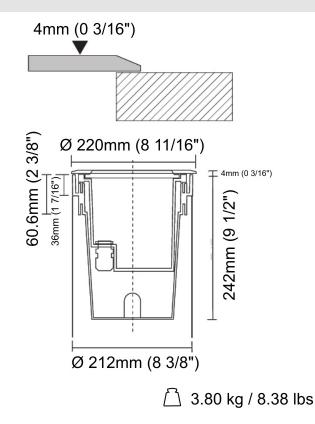
Max. Delivered Lumen (lm): 2434.9 / 2607.5
Nominal Lumen (lm): 2750 / 2945
CRI: >80 CRI
Lamp Life (hrs): 50000
OPTICAL
Reflector ^o : Polycarbonate metallized reflector
Optic°: 15 / 45 / 65 / ASY

Certified By: Certified for North American Standards

IP rating: IP67	
IK Rating: IK10	

PROJECT			
TYPE			
SPECIFIER			
QUANTITY			
DATE			





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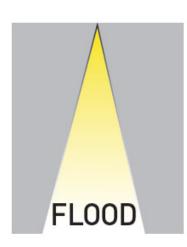
In a constant effort to supply the best product, we reserve the right to change specifications or materials without notice. The most recent specification sheets are found at zaneen.com

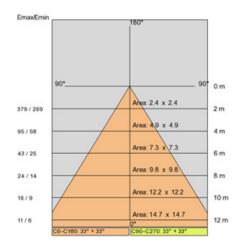
F

OLODUM RECESSED

E10I0059-

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

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 ¹¹ / ₁₆
Height (mm): 215
Height (in): 8 ⁷ / ₁₆
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

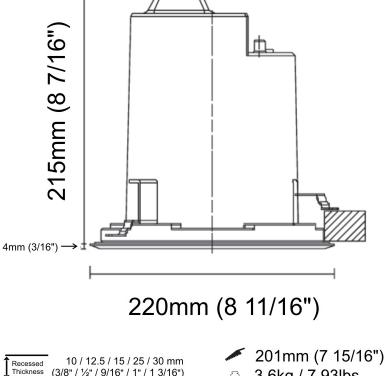
Color Temperature (°K): 3000 / 4000
Max. Delivered Lumen (lm): 2434.9 / 2607.5
Nominal Lumen (lm): 2750 / 2945
CRI: >80 CRI
Lamp Life (hrs): 50000
OPTICAL
Reflector°: Polycarbonate metallized reflector
Optic°: 15 / 45 / 65 / ASY
RATINGS AND CERTIFICATIONS

CERTIFICATION

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

PROJECT			
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QUANTITY			
DATE			





3.6kg / 7.93lbs R

F

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

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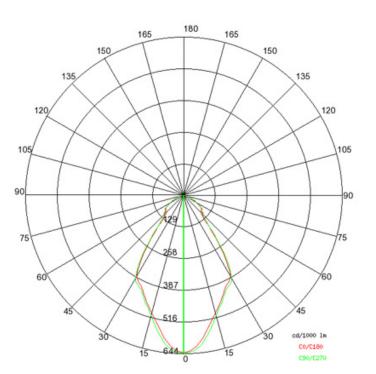
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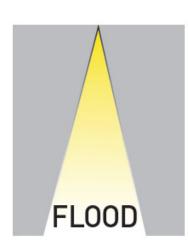
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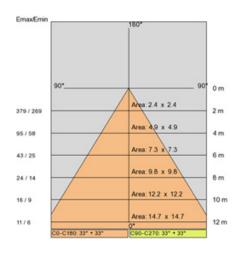
Page 5/10

OLODUM RECESSED

E10Q0040-







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DATE			

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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 ¹¹ / ₁₆
Height (mm): 215
Height (in): 8 ⁷ / ₁₆
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	

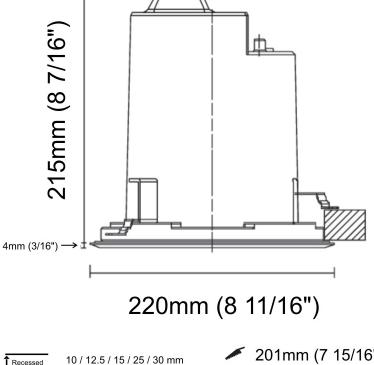
Beam Angle: Spot - 15° / Flood - 45° / Wide Flood - 65° / Asymmetric	

RATINGS AND CERTIFICATIONS

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

PROJECT			
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SPECIFIER			
QUANTITY			
DATE			
-			-





(3/8" / ½" / 9/16" / 1" / 1 3/16")

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

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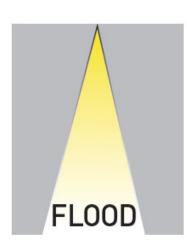
Thickness

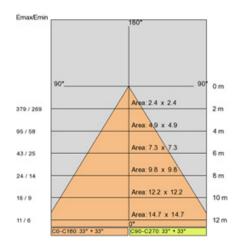
F

OLODUM RECESSED

E10Q0046-

	165 180 165 165 180 165 16 165 16	150 135 120 105 90 90 45 30 cd/1000 lm
30	15 644 0 15	30 cd/1000 lm C0/C180 C90/C270





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SPECIFIER		
QUANTITY		
DATE		

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Ε



OLODUM COLOR FINISH CHART

PRO IFCT

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

LEGEND

PROJECT

TYPE

SPECIFIER QUANTITY

DATE

↓	floor-mounted	¥	pivotable	*	special LED (upon request) RGB, RGBW, tunable, gold+, meat+, art+, fashion+
7	wall and ceiling: recessed and surface mounted	C	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		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
	direct/indirect light distribution	s s	super spot	LM	lumen (luminous flux)
Y	indirect light distribution	¥	lens	L₩)	efficacy (lumens per watt)
	asymmetric light distribution	Ð	lens pack	UGR	Unified Glare Rating (UGR) range from 5-40
Ä	aura light distribution	0	shine ring	3	marine grade (AISI 316 stainless steel)
R	round wall or ceiling cut-out	\odot	integrated shine ring with diffuser	۲	walk on
4	square wall or ceiling cut-out	Ó	free individual colors 01-29	۲	drive on
d	the supplied jig specifies the cutout dimensions	Ĩ	individual colors: 00 (free of charge), 01-25 (extra charge)	OSC	Dark Sky Compliance
(]++ 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)
<u></u>	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)	(ه)	acoustic material
-Thereads	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
প	separately switchable	\odot	indirect diffuser		ETL Certified to UL and CSA Standards
!	sensor	D	direct diffuser	c (H) us	UL Certified to UL and CSA Standards
0	remote control	\odot	ball-proof (upon request)	()	CSA Certified to UL and CSA Standards

IP RATING

available upon request

2

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
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

 \mathbf{Z}

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)	КО1	above the surface)
above the surface) 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 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 2 joules impact (equivalent to 5.0kg mass dropped from 200mm 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)	IK02	
 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 300mm above the surface) protected against 10 joules impact (equivalent to 5.0kg mass dropped from 200mm above the surface) protected against 10 joules impact (equivalent to 5.0kg mass dropped from 200mm above the surface) 	КОЗ	
Image: Application of the surface o	IK04	
 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) 	1K05	
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)	1606	protected against 1 joules impact (equivalent to 0.25kg mass dropped from 400mm above the surface)
the surface) protected against 10 joules impact (equivalent to 5.0kg mass dropped from 200mm abov the surface) protected against 20 joules impact (equivalent to 5.0kg mass dropped from 400mm abov	IK07	protected against 2 joules impact (equivalent to 0.5kg mass dropped from 400mm above the surface)
the surface) protected against 20 joules impact (equivalent to 5.0kg mass dropped from 400mm abov	КОВ	protected against 5 joules impact (equivalent to 1.7kg mass dropped from 300mm above the surface)
	IK09	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)

Certified for North American Standards

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() accessory