# **ZANEEN**<sub>®</sub>

## **OLODUM ROUND RECESSED**

### E10I0071-

base	number	C
		T

BA Options olor emperature

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 <b>PHYSICAL</b> Shape: Round Diameter (mm): 130 Diameter (im): 5 $\frac{1}{3}_6$ Height (mm): 146 Height (im): 5 $\frac{3}{4}_4$ Light Distribution: Adjustable / Direct Weight (kg): 1.9 Weight (kg): 1.9 Weight (kg): 4.19 Diffuser: Clear tempered glass Gasket: Silicon rubber Fixture Finish: SSS Fixture Material: Aluminum Die Cast <b>ELECTRICAL</b> Lamp Type: LED (Zhaga Standard) Input Wattage (W): 5.8 Dimming: 0-10V Dimming / Phase Dimming (120Vac Only) Driver Included: No Driver Location: Remote Driver Type: Constant Current - Universal Input Voltage (V): 120 - 277 Constant Current (MA): 203 Upon Request: (Not included - see components [IP65 or higher enclosure to be supplied by others]) 0-10VCd dimming / Phase dimming @120Vac only / 277Vac	GENERAL
Brand: SideDivision: ExteriorMounting Type: RecessedMounting Location: In-GroundSubcategory: UplightPHYSICALShape: RoundDiameter (mm): 130Diameter (in): $5 \frac{1}{v_s}$ Height (mm): 146Height (in): $5 \frac{3}{4}$ Light Distribution: Adjustable / DirectWeight (kg): 1.9Weight (lbs): 4.19Diffuser: Clear tempered glassGasket: Silicon rubberFixture Finish: SSSFixture Material: Aluminum Die CastELECTRICALLamp Type: LED (Zhaga Standard)Input Wattage (W): 5.8Diming: 0-10V Dimming / Phase Dimming (120Vac Only)Driver Location: RemoteDriver Type: Constant Current - UniversalInput Voltage (V): 120 - 277Constant Current (MA): 203Upon Request: (Not included - see components [IP65 or higher enclosure to be supplied by others]) 0-10VCd dimming / Phase dimming	Series: Olodum
Division: Exterior Mounting Type: Recessed Mounting Location: In-Ground Subcategory: Uplight <b>PHYSICAL</b> Shape: Round Diameter (mm): 130 Diameter (in): $5 \frac{1}{y_g}$ Height (mm): 146 Height (in): $5 \frac{1}{y_g}$ Light Distribution: Adjustable / Direct Weight (kg): 1.9 Weight (kg): 1.9 Weight (lbs): 4.19 Diffuser: Clear tempered glass Gasket: Silicon rubber Fixture Finish: SSS Fixture Material: Aluminum Die Cast <b>ELECTRICAL</b> Lamp Type: LED (Zhaga Standard) Input Wattage (W): 5.8 Dimming: 0-10V Dimming / Phase Dimming (120Vac Only) Driver Location: Remote Driver Type: Constant Current - Universal Input Voltage (V): 120 - 277 Constant Current (MA): 203 Upon Request: (Not included - see components [IP65 or higher enclosure to be supplied by others]) 0-10Vcd dimming / Phase dimming	Subseries: Olodum Round
Mounting Type: RecessedMounting Location: In-GroundSubcategory: UplightPHYSICALShape: RoundDiameter (mm): 130Diameter (in): $5 \frac{1}{y_g}$ Height (mm): 146Height (in): $5 \frac{3}{4}$ Light Distribution: Adjustable / DirectWeight (kg): 1.9Weight (kg): 4.19Diffuser: Clear tempered glassGasket: Silicon rubberFixture Finish: SSSFixture Material: Aluminum Die CastELECTRICALLamp Type: LED (Zhaga Standard)Input Wattage (W): 5.8Dimming: 0-10V Dimming / Phase Dimming (120Vac Only)Driver Location: RemoteDriver Type: Constant Current - UniversalInput Voltage (V): 120 - 277Constant Current (MA): 203Upon Request: (Not included - see components [IP65 or higher enclosure to be supplied by others]) 0-10Vcd dimming / Phase dimming	Brand: Side
Mounting Location: In-Ground Subcategory: Uplight PHYSICAL Shape: Round Diameter (mm): 130 Diameter (in): 5 $\frac{1}{s}$ Height (mm): 146 Height (in): 5 $\frac{3}{4}$ Light Distribution: Adjustable / Direct Weight (kg): 1.9 Weight (kg): 1.9 Weight (lbs): 4.19 Diffuser: Clear tempered glass Gasket: Silicon rubber Fixture Finish: SSS Fixture Material: Aluminum Die Cast <b>ELECTRICAL</b> Lamp Type: LED (Zhaga Standard) Input Wattage (W): 6.8 Total Output Wattage (W): 5.8 Dimming: 0-10V Dimming / Phase Dimming (120Vac Only) Driver Location: Remote Driver Type: Constant Current - Universal Input Voltage (V): 120 - 277 Constant Current (MA): 203 Upon Request: (Not included - see components [IP65 or higher enclosure to be supplied by others]) 0-10VCd dimming / Phase dimming	Division: Exterior
Subcategory: Uplight   PHYSICAL   Shape: Round   Diameter (mm): 130   Diameter (in): 5 ½   Height (mm): 146   Height (in): 5 ¾   Light Distribution: Adjustable / Direct   Weight (kg): 1.9   Weight (lbs): 4.19   Diffuser: Clear tempered glass   Gasket: Silicon rubber   Fixture Finish: SSS   Fixture Material: Aluminum Die Cast   ELECTRICAL   Lamp Type: LED (Zhaga Standard)   Input Wattage (W): 6.8   Total Output Wattage (W): 5.8   Diming: 0-10V Dimming / Phase Dimming (120Vac Only)   Driver Location: Remote   Driver Location: Remote   Driver Type: Constant Current - Universal   Input Voltage (V): 120 - 277   Constant Current (MA): 203   Upon Request: (Not included - see components [IP65 or higher enclosure to be supplied by others]) 0-10Vdc dimming / Phase dimming	Mounting Type: Recessed
PHYSICAL   Shape: Round   Diameter (im): 130   Diameter (in): 5 ½   Height (mm): 146   Height (in): 5 ¾   Light Distribution: Adjustable / Direct   Weight (kg): 1.9   Weight (lbs): 4.19   Diffuser: Clear tempered glass   Gasket: Silicon rubber   Fixture Finish: SSS   Fixture Material: Aluminum Die Cast   ELECTRICAL   Lamp Type: LED (Zhaga Standard)   Input Wattage (W): 6.8   Total Output Wattage (W): 5.8   Dimming: 0-10V Dimming / Phase Dimming (120Vac Only)   Driver Location: Remote   Driver Location: Remote   Driver Type: Constant Current - Universal   Input Voltage (V): 120 - 277   Constant Current (MA): 203   Upon Request: (Not included - see components [IP65 or higher enclosure to be supplied by others]) 0-10Vdc dimming / Phase dimming	Mounting Location: In-Ground
Shape: Round   Diameter (mm): 130   Diameter (in): 5 ½   Height (mm): 146   Height (in): 5 ¾   Light Distribution: Adjustable / Direct   Weight (kg): 1.9   Weight (kg): 1.9   Weight (lbs): 4.19   Diffuser: Clear tempered glass   Gasket: Silicon rubber   Fixture Finish: SSS   Fixture Material: Aluminum Die Cast   ELECTRICAL   Lamp Type: LED (Zhaga Standard)   Input Wattage (W): 6.8   Total Output Wattage (W): 5.8   Dimming: 0-10V Dimming / Phase Dimming (120Vac Only)   Driver Included: No   Driver Location: Remote   Driver Type: Constant Current - Universal   Input Voltage (V): 120 - 277   Constant Current (MA): 203   Upon Request: (Not included - see components [IP65 or higher enclosure to be supplied by others]) 0-10Vcd dimming / Phase dimming	Subcategory: Uplight
Diameter (mm): 130 Diameter (in): 5 <sup>1</sup> / <sub>8</sub> Height (mm): 146 Height (mm): 146 Height (in): 5 <sup>3</sup> / <sub>4</sub> Light Distribution: Adjustable / Direct Weight (kg): 1.9 Weight (kg): 1.9 Weight (lbs): 4.19 Diffuser: Clear tempered glass Gasket: Silicon rubber Fixture Finish: SSS Fixture Material: Aluminum Die Cast <b>ELECTRICAL</b> Lamp Type: LED (Zhaga Standard) Input Wattage (W): 6.8 Total Output Wattage (W): 5.8 Dimming: 0-10V Dimming / Phase Dimming (120Vac Only) Driver Included: No Driver Location: Remote Driver Type: Constant Current - Universal Input Voltage (V): 120 - 277 Constant Current (MA): 203 Upon Request: (Not included - see components [IP65 or higher enclosure to be supplied by others]) 0-10Vcd dimming / Phase dimming	PHYSICAL
Diameter (in): 5 ½   Height (mm): 146   Height (in): 5 ¾   Light Distribution: Adjustable / Direct   Weight (kg): 1.9   Weight (lbs): 4.19   Diffuser: Clear tempered glass   Gasket: Silicon rubber   Fixture Finish: SSS   Fixture Material: Aluminum Die Cast   ELECTRICAL   Lamp Type: LED (Zhaga Standard)   Input Wattage (W): 6.8   Total Output Wattage (W): 5.8   Dimming: 0-10V Dimming / Phase Dimming (120Vac Only)   Driver Included: No   Driver Location: Remote   Driver Type: Constant Current - Universal   Input Voltage (V): 120 - 277   Constant Current (MA): 203   Upon Request: (Not included - see components [IP65 or higher enclosure to be supplied by others]) 0-10Vcd dimming / Phase dimming	Shape: Round
Height (mm): 146   Height (in): 5 <sup>3</sup> / <sub>4</sub> Light Distribution: Adjustable / Direct   Weight (kg): 1.9   Weight (lbs): 4.19   Diffuser: Clear tempered glass   Gasket: Silicon rubber   Fixture Finish: SSS   Fixture Material: Aluminum Die Cast   ELECTRICAL   Lamp Type: LED (Zhaga Standard)   Input Wattage (W): 6.8   Total Output Wattage (W): 5.8   Dimming: 0-10V Dimming / Phase Dimming (120Vac Only)   Driver Included: No   Driver Location: Remote   Driver Type: Constant Current - Universal   Input Voltage (V): 120 - 277   Constant Current (MA): 203   Upon Request: (Not included - see components [IP65 or higher enclosure to be supplied by others]) 0-10Vcd dimming / Phase dimming	Diameter (mm): 130
Height (in): 5 ¾   Light Distribution: Adjustable / Direct   Weight (kg): 1.9   Weight (lbs): 4.19   Diffuser: Clear tempered glass   Gasket: Silicon rubber   Fixture Finish: SSS   Fixture Material: Aluminum Die Cast   ELECTRICAL   Lamp Type: LED (Zhaga Standard)   Input Wattage (W): 6.8   Total Output Wattage (W): 5.8   Dimming: 0-10V Dimming / Phase Dimming (120Vac Only)   Driver Included: No   Driver Location: Remote   Driver Type: Constant Current - Universal   Input Voltage (V): 120 - 277   Constant Current (MA): 203   Upon Request: (Not included - see components [IP65 or higher enclosure to be supplied by others]) 0-10Vcd dimming / Phase dimming	Diameter (in): $5\frac{1}{8}$
Light Distribution: Adjustable / Direct Weight (kg): 1.9 Weight (lbs): 4.19 Diffuser: Clear tempered glass Gasket: Silicon rubber Fixture Finish: SSS Fixture Material: Aluminum Die Cast <b>ELECTRICAL</b> Lamp Type: LED (Zhaga Standard) Input Wattage (W): 6.8 Total Output Wattage (W): 5.8 Dimming: 0-10V Dimming / Phase Dimming (120Vac Only) Driver Included: No Driver Location: Remote Driver Type: Constant Current - Universal Input Voltage (V): 120 - 277 Constant Current (MA): 203 Upon Request: (Not included - see components [IP65 or higher enclosure to be supplied by others]) 0-10Vdc dimming / Phase dimming	Height (mm): 146
Weight (kg): 1.9   Weight (kg): 1.9   Diffuser: Clear tempered glass   Gasket: Silicon rubber   Fixture Finish: SSS   Fixture Material: Aluminum Die Cast <b>ELECTRICAL</b> Lamp Type: LED (Zhaga Standard)   Input Wattage (W): 6.8   Total Output Wattage (W): 5.8   Dimming: 0-10V Dimming / Phase Dimming (120Vac Only)   Driver Included: No   Driver Location: Remote   Driver Type: Constant Current - Universal   Input Voltage (V): 120 - 277   Constant Current (MA): 203   Upon Request: (Not included - see components [IP65 or higher enclosure to be supplied by others]) 0-10Vdc dimming / Phase dimming	Height (in): 5 <sup>3</sup> / <sub>4</sub>
Weight (lbs): 4.19   Diffuser: Clear tempered glass   Gasket: Silicon rubber   Fixture Finish: SSS   Fixture Material: Aluminum Die Cast <b>ELECTRICAL</b> Lamp Type: LED (Zhaga Standard)   Input Wattage (W): 6.8   Total Output Wattage (W): 5.8   Dimming: 0-10V Dimming / Phase Dimming (120Vac Only)   Driver Included: No   Driver Location: Remote   Driver Type: Constant Current - Universal   Input Voltage (V): 120 - 277   Constant Current (MA): 203   Upon Request: (Not included - see components [IP65 or higher enclosure to be supplied by others]) 0-10Vdc dimming / Phase dimming	Light Distribution: Adjustable / Direct
Diffuser: Clear tempered glass Gasket: Silicon rubber Fixture Finish: SSS Fixture Material: Aluminum Die Cast <b>ELECTRICAL</b> Lamp Type: LED (Zhaga Standard) Input Wattage (W): 6.8 Total Output Wattage (W): 5.8 Dimming: 0-10V Dimming / Phase Dimming (120Vac Only) Driver Included: No Driver Location: Remote Driver Type: Constant Current - Universal Input Voltage (V): 120 - 277 Constant Current (MA): 203 Upon Request: (Not included - see components [IP65 or higher enclosure to be supplied by others]) 0-10Vdc dimming / Phase dimming	Weight (kg): 1.9
Gasket: Silicon rubber Fixture Finish: SSS Fixture Material: Aluminum Die Cast <b>ELECTRICAL</b> Lamp Type: LED (Zhaga Standard) Input Wattage (W): 6.8 Total Output Wattage (W): 5.8 Dimming: 0-10V Dimming / Phase Dimming (120Vac Only) Driver Included: No Driver Location: Remote Driver Type: Constant Current - Universal Input Voltage (V): 120 - 277 Constant Current (MA): 203 Upon Request: (Not included - see components [IP65 or higher enclosure to be supplied by others]) 0-10Vdc dimming / Phase dimming	Weight (lbs): 4.19
Fixture Finish: SSS Fixture Material: Aluminum Die Cast ELECTRICAL Lamp Type: LED (Zhaga Standard) Input Wattage (W): 6.8 Total Output Wattage (W): 5.8 Dimming: 0-10V Dimming / Phase Dimming (120Vac Only) Driver Included: No Driver Location: Remote Driver Type: Constant Current - Universal Input Voltage (V): 120 - 277 Constant Current (MA): 203 Upon Request: (Not included - see components [IP65 or higher enclosure to be supplied by others]) 0-10Vdc dimming / Phase dimming	Diffuser: Clear tempered glass
Fixture Material: Aluminum Die Cast ELECTRICAL Lamp Type: LED (Zhaga Standard) Input Wattage (W): 6.8 Total Output Wattage (W): 5.8 Dimming: 0-10V Dimming / Phase Dimming (120Vac Only) Driver Included: No Driver Location: Remote Driver Type: Constant Current - Universal Input Voltage (V): 120 - 277 Constant Current (MA): 203 Upon Request: (Not included - see components [IP65 or higher enclosure to be supplied by others]) 0-10Vdc dimming / Phase dimming	Gasket: Silicon rubber
ELECTRICAL Lamp Type: LED (Zhaga Standard) Input Wattage (W): 6.8 Total Output Wattage (W): 5.8 Dimming: 0-10V Dimming / Phase Dimming (120Vac Only) Driver Included: No Driver Location: Remote Driver Type: Constant Current - Universal Input Voltage (V): 120 - 277 Constant Current (MA): 203 Upon Request: (Not included - see components [IP65 or higher enclosure to be supplied by others]) 0-10Vdc dimming / Phase dimming	Fixture Finish: SSS
Lamp Type: LED (Zhaga Standard) Input Wattage (W): 6.8 Total Output Wattage (W): 5.8 Dimming: 0-10V Dimming / Phase Dimming (120Vac Only) Driver Included: No Driver Location: Remote Driver Type: Constant Current - Universal Input Voltage (V): 120 - 277 Constant Current (MA): 203 Upon Request: (Not included - see components [IP65 or higher enclosure to be supplied by others]) 0-10Vdc dimming / Phase dimming	Fixture Material: Aluminum Die Cast
Input Wattage (W): 6.8 Total Output Wattage (W): 5.8 Dimming: 0-10V Dimming / Phase Dimming (120Vac Only) Driver Included: No Driver Location: Remote Driver Type: Constant Current - Universal Input Voltage (V): 120 - 277 Constant Current (MA): 203 Upon Request: (Not included - see components [IP65 or higher enclosure to be supplied by others]) 0-10Vdc dimming / Phase dimming	ELECTRICAL
Total Output Wattage (W): 5.8 Dimming: 0-10V Dimming / Phase Dimming (120Vac Only) Driver Included: No Driver Location: Remote Driver Type: Constant Current - Universal Input Voltage (V): 120 - 277 Constant Current (MA): 203 Upon Request: (Not included - see components [IP65 or higher enclosure to be supplied by others]) 0-10Vdc dimming / Phase dimming	Lamp Type: LED (Zhaga Standard)
Dimming: 0-10V Dimming / Phase Dimming (120Vac Only) Driver Included: No Driver Location: Remote Driver Type: Constant Current - Universal Input Voltage (V): 120 - 277 Constant Current (MA): 203 Upon Request: (Not included - see components [IP65 or higher enclosure to be supplied by others]) 0-10Vdc dimming / Phase dimming	Input Wattage (W): 6.8
Driver Included: No Driver Location: Remote Driver Type: Constant Current - Universal Input Voltage (V): 120 - 277 Constant Current (MA): 203 Upon Request: (Not included - see components [IP65 or higher enclosure to be supplied by others]) 0-10Vdc dimming / Phase dimming	Total Output Wattage (W): 5.8
Driver Location: Remote Driver Type: Constant Current - Universal Input Voltage (V): 120 - 277 Constant Current (MA): 203 Upon Request: (Not included - see components [IP65 or higher enclosure to be supplied by others]) 0-10Vdc dimming / Phase dimming	Dimming: 0-10V Dimming / Phase Dimming (120Vac Only)
Driver Type: Constant Current - Universal Input Voltage (V): 120 - 277 Constant Current (MA): 203 Upon Request: (Not included - see components [IP65 or higher enclosure to be supplied by others]) 0-10Vdc dimming / Phase dimming	Driver Included: No
Input Voltage (V): 120 - 277 Constant Current (MA): 203 Upon Request: (Not included - see components [IP65 or higher enclosure to be supplied by others]) 0-10Vdc dimming / Phase dimming	Driver Location: Remote
Constant Current (MA): 203 Upon Request: (Not included - see components [IP65 or higher enclosure to be supplied by others]) 0-10Vdc dimming / Phase dimming	Driver Type: Constant Current - Universal
Upon Request: (Not included - see components [IP65 or higher enclosure to be supplied by others]) 0-10Vdc dimming / Phase dimming	
enclosure to be supplied by others]) 0-10Vdc dimming / Phase dimming	
	enclosure to be supplied by others]) 0-10Vdc dimming / Phase dimming

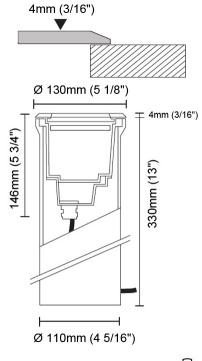
#### LED

Color Temperature (°K): 3000 / 4000
Max. Delivered Lumen (lm): 814.5 / 868.8
Nominal Lumen (lm): 1050 / 1120
CRI: >80 CRI
Lamp Life (hrs): 50000
OPTICAL
Reflector <sup>°</sup> : Metallized polycarbonate
Optic°: 15 / 30 / 45
Adjustability: Rotational 350°; Tilt ±15°
RATINGS AND CERTIFICATIONS

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

PROJECT	
ТҮРЕ	
SPECIFIER	
QUANTITY	
DATE	





1.9kg / 4.19lbs

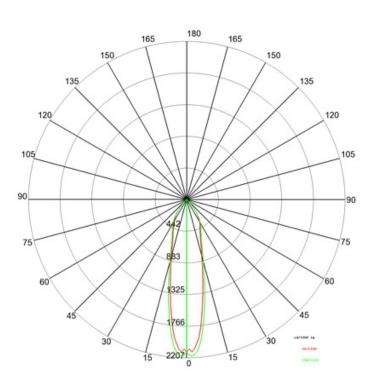
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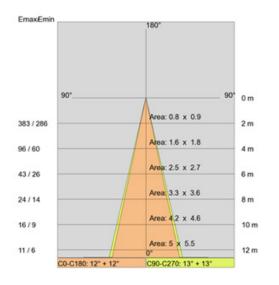
Available for International specifications by adding 'INT' at the end of the existing Model #. For assistance on 'custom' specifications, contact zteam@zaneen.com.

# **ZANEEN**.

## **OLODUM ROUND RECESSED**

## E10I0071-





**FLOOD** 

PROJECT	
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SPECIFIER	
QUANTITY	
DATE	

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# **ZANEEN**<sub>®</sub>

## **OLODUM ROUND RECESSED**

### E10Q0052-

ase	

BA Options 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): 130
Diameter (in): 5 ½
Height (mm): 132
Height (in): $5\frac{3}{16}$
Light Distribution: Downlight
Weight (kg): 1.450
Weight (lbs): 3.2
Diffuser: Clear tempered glass
Gasket: Silicon rubber
Fixture Finish: SSS
Fixture Material: Aluminum Die Cast
ELECTRICAL
Lamp Type: LED (Zhaga Standard)
Input Wattage (W): 6.8
Total Output Wattage (W): 5.8
Dimming: 0-10V Dimming / Phase Dimming (120Vac Only)
Driver Included: No
Driver Location: Remote
Driver Type: Constant Current - Universal
Driver Class: Class 2
Input Voltage (V): 120 - 277
Constant Current (MA): 203
Upon Request: (Not included - see components [IP65 or higher enclosure to be supplied by others]) 0-10Vdc dimming / Phase dimming

S]) @120Vac only / 277Vac

#### LED

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

Max. Delivered Lumen (lm): 814.5 / 868.5	
CRI: >80 CRI	
Lamp Life (hrs): 50000	
OPTICAL	
Reflector <sup>°</sup> : Polycarbonate metallized reflector	
Optic°: 15 / 30 / 45	

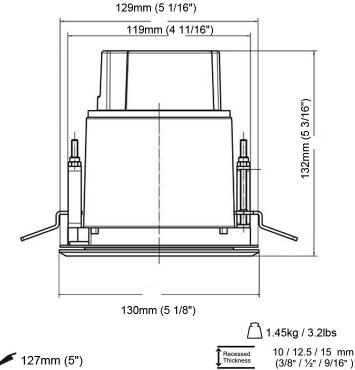
#### RATINGS AND CERTIFICATIONS

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

PRO IECT

PROJECT			
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QUANTITY			
DATE			





10 / 12.5 / 15 mm

F

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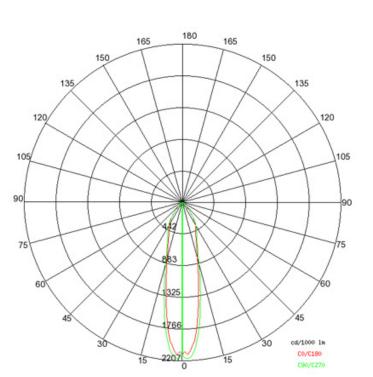
Available for International specifications by adding 'INT' at the end of the existing Model #. For assistance on 'custom' specifications, contact zteam@zaneen.com.

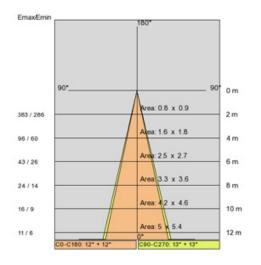
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# ZANEEN.

## **OLODUM ROUND RECESSED**

## E10Q0052-







PROJECT	
ТҮРЕ	
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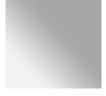
### OLODUM COLOR FINISH CHART

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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# ZANEEN.

## OLODUM

PROJECT

TYPE

SPECIFIER

QUANTITY DATE

## LEGEND

<u> </u>	floor-mounted	¥	pivotable	$\circledast$	special LED (upon request) RGB, RGBW, tunable, gold+, meat+, art+, fashion+
7	wall and ceiling: recessed and surface mounted	U	rotating	0	warm dim / natural dimming LED
$\uparrow$	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	Δ	reflector degree selection	<b>°К</b>	color temperature
	direct/indirect light distribution	s s	super spot	LM	lumen (luminous flux)
Y	indirect light distribution	¥.	lens	(₩	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	٢	walk on
5	square wall or ceiling cut-out	Ū.	free individual colors 01-29		drive on
d d	the supplied jig specifies the cutout dimensions	Ú.	individual colors: 00 (free of charge), 01-25 (extra charge)	DSC	Dark Sky Compliance
[+,+]	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
	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
	dimmable DP (phase), DV (0-10V), DD (dali), DS (step-dim)	۲	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 (H) us	UL Certified to UL and CSA Standards
$\bigcirc$	remote control	$\boldsymbol{\Theta}$	ball-proof (upon request)	SP:	CSA Certified to UL and CSA Standards
2	available upon request	U	accessory	2	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)
IK02	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)
IK04	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)