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	r
Mounting Type: I	Recessed
Mounting Location	on: In-Ground
Subcategory: Dri	ve Over
PHYSICAL	
Shape: Round	
Diameter (mm):	220
Diameter (in): 8 ¹	1/16
Height (mm): 242	2
Height (in): 9 ¹ / ₂	
Light Distribution	n: Adjustable / Direct
Weight (kg): 3.8	· ·
Weight (lbs): 8.38	3
Diffuser: Clear te	mpered glass
Fixture Finish: SS	ŝS
Fixture Material:	Aluminum Die Cast
ELECTRICAL	
Lamp Type: LED	(Zhaga Standard)
Input Wattage (W	v): 20
Total Output Wa	ttage (W): 17
Dimming: Non-D	imming / Phase Dimming (120vac Only)
Driver Included:	Yes
Driver Location:	Integrated
Driver Type: Con	stant Current - Universal
Driver Class: Clas	is 2
Input Voltage (V)	: 120 - 277
Constant Curren	t (MA): 500
enclosure to be s	Not included - see components [IP65 or higher supplied by others]) Remote: 0-10Vdc dimming / ral: Phase dimming @120Vac only / 277Vac
LED	

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

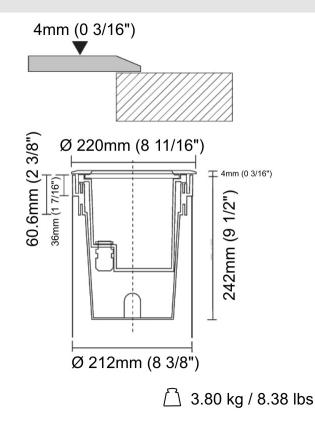
Reflector^o: Metallised polycarbonate reflector - Pivoting 350° and adjustable +/- 15° reflector Optic^o: 15 / 45 / 65 / ASY

RATINGS AND CERTIFICATIONS

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

PROJECT			
ТҮРЕ			
SPECIFIER			
QUANTITY			
DATE			





E

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September 25, 2024, 3:48 pm

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: Recessed	
Mounting Location: In-Gro	und
Subcategory: Uplight	
PHYSICAL	
Shape: Round	
Diameter (mm): 220	
Diameter (in): 8 ¹¹ / ₁₆	
Height (mm): 242	
Height (in): 9 ¹ / ₂	
Light Distribution: Adjusta	ble / Direct
Weight (kg): 3.8	
Weight (lbs): 8.38	
Diffuser: Clear tempered g	lass
Gasket: Silicon rubber	
Fixture Finish: SSS	
Fixture Material: Aluminun	ו Die Cast
ELECTRICAL	
Lamp Type: LED (Zhaga St	andard)
Input Wattage (W): 20	
Total Output Wattage (W):	17
Dimming: Tri-Mode (Non-D and 0-10V Dimming)	Dimming and Phase Dimming (120Vac only)
Driver Included: Yes	
Driver Location: Integrated	l
Driver Type: Constant Curr	ent - Universal
Driver Class: Class 2	
Input Voltage (V): 120 - 277	
Constant Current (MA): 500)
enclosure to be supplied b	ed - see components [IP65 or higher y others]) Remote: 0-10Vdc dimming / dimming @120Vac only / 277Vac
150	

LED

Color Temperature (°K): 3000 / 4000

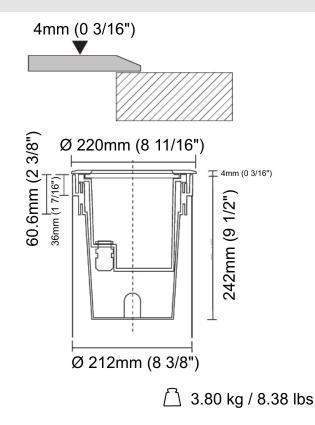
Max. Delivered Lumen (lm): 2434.9 / 2607.5
Nominal Lumen (lm): 2750 / 2945
CRI: >80 CRI
Lamp Life (hrs): 50000
OPTICAL
Reflector ^e : Polycarbonate metallized reflector
Reflector [°] : Polycarbonate metallized reflector Optic [°] : 15 / 45 / 65 / ASY

Certified By: Certified for North American Standards

IP rating: IP67	
IK Rating: IK10	

PROJECT	
ТҮРЕ	
SPECIFIER	
QUANTITY	
DATE	





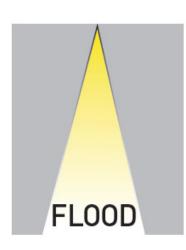
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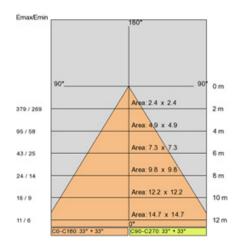
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OLODUM RECESSED

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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DATE	

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Ε

OLODUM ROUND RECESSED

E10I0071-

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

GENERAL
Series: Olodum
Subseries: Olodum Round
Brand: Side
Division: Exterior
Mounting Type: Recessed
Mounting Location: In-Ground
Subcategory: Uplight
PHYSICAL
Shape: Round
Diameter (mm): 130
Diameter (in): 5 $\frac{1}{8}$
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]) 0-10Vdc dimming / Phase dimmin @120Vac only / 277Vac

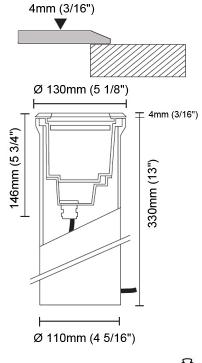
LED

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 ^o : Metallized polycarbonate	
Optic°: 15 / 30 / 45	
Adjustability: Rotational 350°; Tilt ±15°	
RATINGS AND CERTIFICATIONS	
Certified By: Certified for North American Standards	

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

DATE			
QUANTITY			
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1.9kg / 4.19lbs

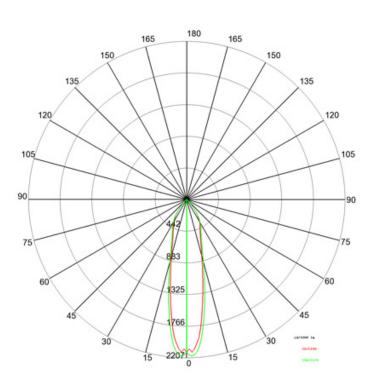
F

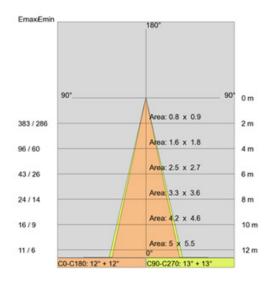
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OLODUM ROUND RECESSED

E10I0071-





FLOOD

PROJECT

PROJECT			
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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

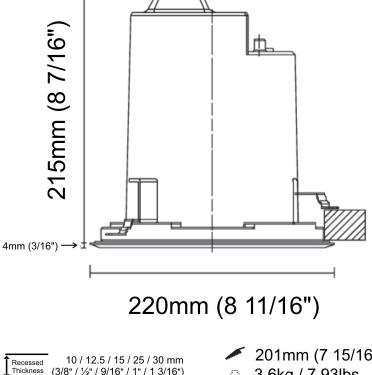
Color Temperature (°K): 3000 / 4000
Max. Delivered Lumen (lm): 2434.9 / 2607.5
Nominal Lumen (lm): 2750 / 2945
CRI: >80 CRI
Lamp Life (hrs): 50000
OPTICAL
Reflector°: Polycarbonate metallized reflector
Optic°: 15 / 45 / 65 / ASY
RATINGS AND CERTIFICATIONS

CERTIFICATION

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

PROJECT			
TYPE			
SPECIFIER			
QUANTITY			
DATE			





10 / 12.5 / 15 / 25 / 30 mm (3/8" / 1/2" / 9/16" / 1" / 1 3/16")

🖌 201mm (7 15/16") 3.6kg / 7.93lbs R

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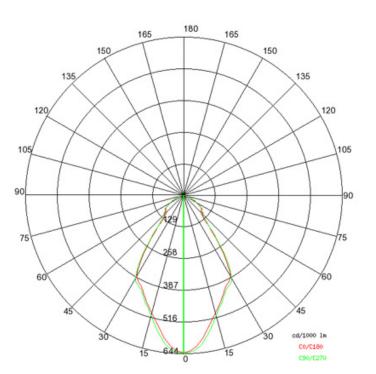
In a constant effort to supply the best product, we reserve the right to change specifications or materials without notice. The most recent specification sheets are found at zaneen.com

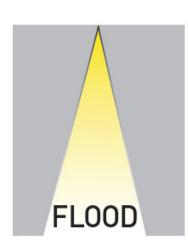
F

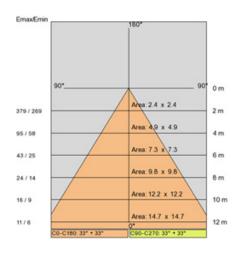
Page 7/16

OLODUM RECESSED

E10Q0040-







PROJECT		
ТҮРЕ		
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SPECIFIER QUANTITY		

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Ε

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	
	-

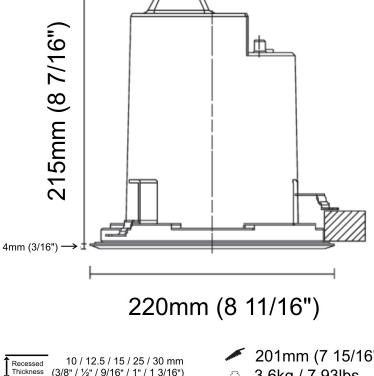
Beam Angle: Spot - 15° / Flood - 45° / Wide Flood - 65° / Asymmetric

RATINGS AND CERTIFICATIONS

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

PROJECT
ТҮРЕ
SPECIFIER
QUANTITY
DATE





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

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

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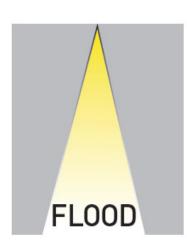
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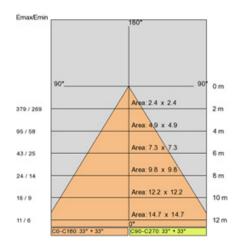
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OLODUM RECESSED

E10Q0046-

	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





PROJECT

PROJECT	
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Ε

OLODUM ROUND RECESSED

E10Q0052-

ase	number	

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 $\frac{1}{8}$
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 @120Vac.only / 277Vac

@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

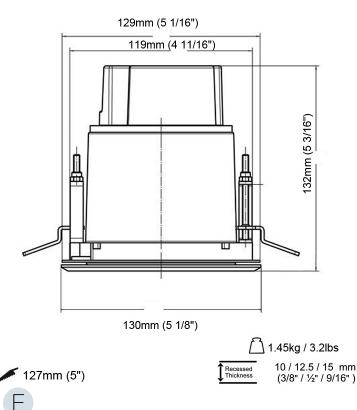
Reflector [®] : Polycarbonate metallized reflector
Optic°: 15 / 30 / 45

RATINGS AND CERTIFICATIONS

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

PROJECT			
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DATE			



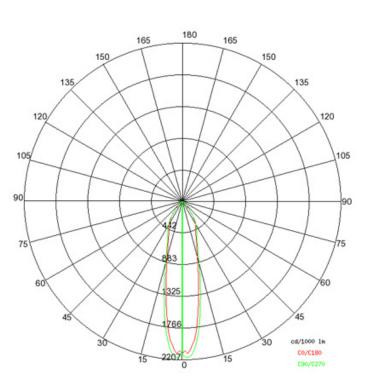


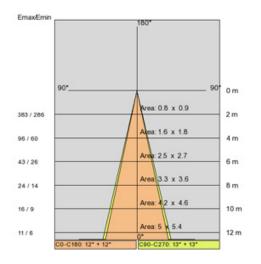
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OLODUM ROUND RECESSED

E10Q0052-







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OLODUM RECESSED

E10Q0058-

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: Olodum	
Brand: Side	
Division: Exterior	
Mounting Type: Recessed	
Mounting Location: Ceiling	
PHYSICAL	
Shape: Round	
Diameter (mm): 180	

Diameter (mm): 180
Diameter (in): 7 ¹ / ₁₆
Height (mm): 250
Height (in): 9 ¹³ / ₁₆
Light Distribution: Direct
Weight (kg): 3.4
Weight (lbs): 7.5
Diffuser: Clear Tempered Glass
Fixture Finish: SSS
Fixture Material: Aluminum Die Cast
ELECTRICAL

Lamp Type: LED (Zhaga Standard)

Input Wattage (W): 9.1 LED

Number of LEDs: 1 Color Temperature (°K): 3000 / 4000

Color remperature (K): 5000 / 4000	
Max. Delivered Lumen (lm): 1157 / 1239	
Nominal Lumen (lm): 1410 / 1510	
CRI: >90 CRI	

OPTICAL

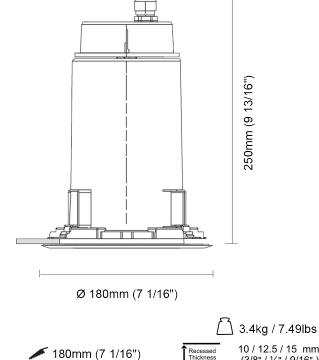
Reflector°: Polycarbonate metallized reflector	
Optic°: 15° / 30° / 45°	

RATINGS AND CERTIFICATIONS

RATINGS AND CERTIFICATIONS	
Certified By: CSA Certified to UL and CSA Standards	
IP rating: IP67	
IK Rating: IK10	

PROJECT			
TYPE			
SPECIFIER			
QUANTITY			
DATE			
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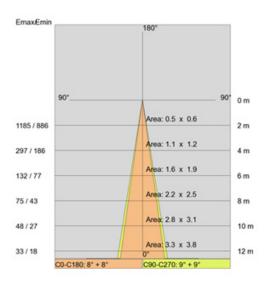
F

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OLODUM RECESSED

E10Q0058-

135 120 105 90		150 135 120 105
75 60 45 30	1006 2011 3017 4022 15 5027 0 15	90 75 60 45 30 60 60





Ε

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PROJECT		
ТҮРЕ		
SPECIFIER		
QUANTITY		
DATE		



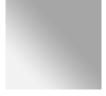
OLODUM COLOR FINISH CHART

PRO IFCT

DATE	 		
QUANTITY			
SPECIFIER			
ТҮРЕ			
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	¥	pivotable	\circledast	special LED (upon request) RGB, RGBW, tunable, gold+, meat+, art+, fashion+
$\overline{}$	wall and ceiling: recessed and surface mounted	C	rotating	0	warm dim / natural dimming LED
\uparrow	ceiling-mounted and wall-mounted	K	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
	direct light distribution	Δ	reflector degree selection	€К	color temperature
	direct/indirect light distribution	s s	super spot	LM	lumen (luminous flux)
$\mathbf{\mathbf{x}}$	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	Ċ	free individual colors 01-29	۲	drive on
d d	the supplied jig specifies the cutout dimensions	Ċ	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)
£	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)		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
Ъ	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	$\boldsymbol{\Theta}$	ball-proof (upon request)	S	CSA Certified to UL and CSA Standards
ו	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
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

КО1	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)
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)