

## E9W619-

base number

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: Mini One 2.0	
Brand: Platek	
Division: Exterior	
Mounting Type: Surface	
Mounting Location: Wall	
Subcategory: Wall Effect	

DIVISION. EXTERIOR
Mounting Type: Surface
Mounting Location: Wall
Subcategory: Wall Effect
PHYSICAL
Shape: Cube
Width (mm): 100
Width (in): 3 <sup>15</sup> / <sub>16</sub>
Height (mm): 100
Depth (mm): 100
Height (in): 3 15/16
Depth (in): 3 15/16
Light Distribution: Direct
Weight (kg): 1.1
Weight (lbs): 2.43
Screws: No visible screws
Diffuser: Serigraphed extra-clear glass
Fixture Finish: BLK / WHI / GRY / COR / ANT / BRZ
Fixture Material: Aluminum Die Cast

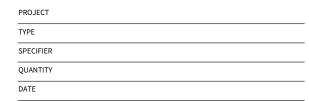
## ELECTRICAL Lamp Type: LED

Input Wattage (W): 3
Dimming: Non-Dimmable
Driver Included: Yes
Driver Location: Integrated
Driver Type: Constant Current - Universal
Driver Class: Class 2
Input Voltage (V): 120 - 277
Constant Current (MA): 350
LED
Number of LEDs: 1
Color Temperature (°K): 2700 / 3000 / 4000
Max. Delivered Lumen (lm): 25

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LED
Number of LEDs: 1
Color Temperature (°K): 2700 / 3000 / 4000
Max. Delivered Lumen (lm): 25
CRI: >90 CRI
Lamp Life (hrs): 60000
OPTICAL
Optic°: 1 Opening

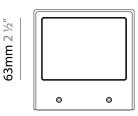
### Beam Angle: Diffused

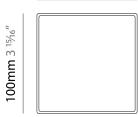
RATINGS AND CERTIFICATIONS
Certified By: Certified for North American Standards
IP rating: IP65
IK Rating: IK07





85mm 3 3/8"



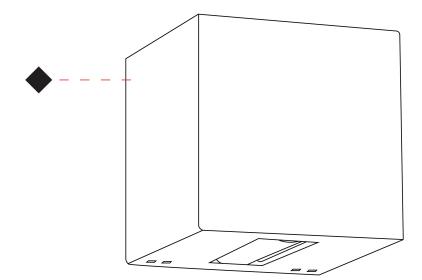






E9W619-









### E9W620-

base number

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

Caria - Mini One 2.0	
Series: Mini One 2.0	
Brand: Platek	
Division: Exterior	
Mounting Type: Surface	
Mounting Location: Wall	
Subcategory: Wall Effect	

Mounting Type: Surface
Mounting Location: Wall
Subcategory: Wall Effect
PHYSICAL
Shape: Cube
Width (mm): 100
Width (in): 3 <sup>15</sup> / <sub>16</sub>
Height (mm): 100
Depth (mm): 100
Height (in): 3 <sup>15</sup> / <sub>16</sub>
Depth (in): 3 <sup>15</sup> / <sub>16</sub>
Light Distribution: Direct
Weight (kg): 1.1
Weight (lbs): 2.43
Screws: No visible screws
Diffuser: Serigraphed extra-clear glass
Fixture Finish: BLK / WHI / GRY / COR / ANT / BRZ
Fixture Material: Aluminum Die Cast

### **ELECTRICAL** Lamp Type: LED

Input Wattage (W): 4
Dimming: Non-Dimmable
Driver Included: Yes
Driver Location: Integrated
Driver Type: Constant Current - Universal
Driver Class: Class 2
Input Voltage (V): 120 - 277
Constant Current (MA): 350
LED
Number of LEDs: 2
Color Temperature (°K): 2700 / 3000 / 4000
Max. Delivered Lumen (lm): 50
CRI->90 CRI

LED	
Number of LEDs: 2	
Color Temperature (°K): 2700 / 3000 / 4000	
Max. Delivered Lumen (lm): 50	
CRI: >90 CRI	
Lamp Life (hrs): 60000	
OPTICAL	
Optic°: 2 Opening	

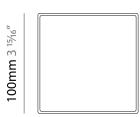
Beam Angle: Diffused
RATINGS AND CERTIFICATIONS
Certified By: Certified for North American Standards
IP rating: IP65
IK Rating: IK07





85mm 3 3/8"

63mm 2 1/2" 0 0

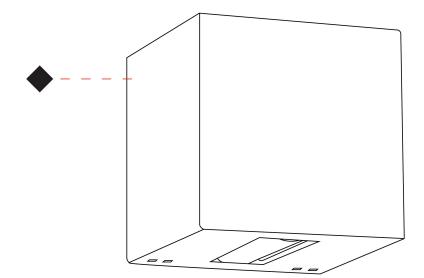






E9W620-

PROJECT			
TYPE			
SPECIFIER			
QUANTITY			
DATE			







### E9W621-

base number

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	s: Mini One 2.0		
Branc	d: Platek		
Divisi	on: Exterior		
Moun	nting Type: Surface		
Moun	nting Location: Wall		
Subca	ategory: Wall Effect		

Mounting Type. Surface
Mounting Location: Wall
Subcategory: Wall Effect
PHYSICAL
Shape: Cube
Width (mm): 100
Width (in): 3 <sup>15</sup> / <sub>16</sub>
Height (mm): 100
Depth (mm): 100
Height (in): 3 15/16
Depth (in): 3 15/16
Light Distribution: Direct
Screws: No visible screws
Diffuser: Serigraphed extra-clear glass
Fixture Finish: BLK / WHI / GRY / COR / ANT / BRZ
Fixture Material: Aluminum Die Cast

Tixture Material. Aluminum Die Cast
ELECTRICAL
Lamp Type: LED
Input Wattage (W): 7.6
Dimming: Non-Dimmable
Driver Included: Yes
Driver Location: Integrated
Driver Type: Constant Current - Universal
Driver Class: Class 2
Input Voltage (V): 120 - 277
Constant Current (MA): 350

### LED

## Number of LEDs: 4

Color Temperature (°K): 2700 / 3000 / 4000

Max. Delivered Lumen (lm): 100

CRI: >90 CRI

Lamp Life (hrs): 60000

# OPTICAL

Optic°: 4 Opening Beam Angle: Diffused

IK Rating: IK07

### RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards IP rating: IP65





85mm 3 3/8"

63mm 2 ½" 0 0

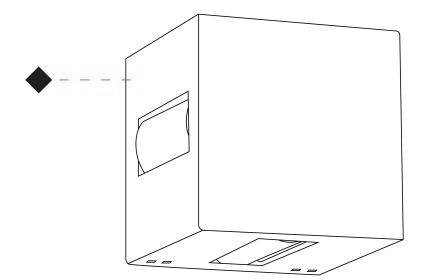
# 100mm 3 15/16"





E9W621-









### E9W623-

base number

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: Mini One 2.0
Brand: Platek
Division: Exterior
Mounting Type: Surface
Mounting Location: Wall
Subcategory: Wall Effect

Mounting Location: Wall
Subcategory: Wall Effect
PHYSICAL
Shape: Cube
Width (mm): 100
Width (in): 3 <sup>15</sup> / <sub>16</sub>
Height (mm): 100
Depth (mm): 100
Height (in): 3 15/16
Depth (in): 3 15/16
Light Distribution: Direct
Screws: No visible screws
Diffuser: Serigraphed extra-clear glass
Fixture Finish: BLK / WHI / GRY / COR / ANT / BRZ
Fig. 14 and 15 Bit Co.

Fixture Material: Aluminum Die Cast
ELECTRICAL
Lamp Type: LED
Input Wattage (W): 4
Dimming: Non-Dimmable
Driver Included: Yes
Driver Location: Integrated
Driver Type: Constant Current - Universal
Driver Class: Class 2
Input Voltage (V): 120 - 277
Constant Current (MA): 350

### LED

Number of LEDs: 2

Color Temperature (°K): 2700 / 3000 / 4000

Max. Delivered Lumen (lm): 198

CRI: >90 CRI

Lamp Life (hrs): 60000

# OPTICAL

Optic°: 90

Beam Angle: Diffused

### RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards IP rating: IP65

IK Rating: IK07



PROJECT TYPE SPECIFIER

QUANTITY DATE



63mm 2 ½" 0 0

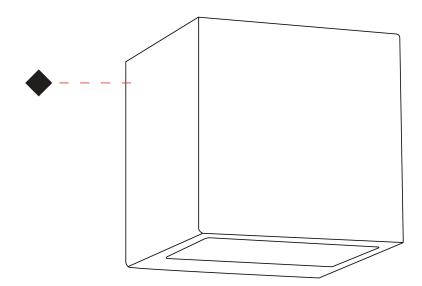
100mm 3 15/16"





E9W623-

PROJECT		
TYPE		
SPECIFIER		
QUANTITY		
DATE		







## E9W624-

base number

Temperature Options

1.To build a product code in	our configurator	select the speci	fy button on
the base model # product pa	ige		

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: Mini One 2.0	
Brand: Platek	
Division: Exterior	
Mounting Type: Surface	
Mounting Location: Wall	
Subcategory: Wall Effect	

Mounting Type: Surface
Mounting Location: Wall
Subcategory: Wall Effect
PHYSICAL
Shape: Cube
Width (mm): 100
Width (in): 3 15/16
Height (mm): 100
Depth (mm): 100
Height (in): 3 15/16
Depth (in): 3 15/16
Light Distribution: Direct
Screws: No visible screws
Diffuser: Serigraphed extra-clear glass
Fixture Finish: BLK / WHI / GRY / COR / ANT / BRZ
Fixture Material: Aluminum Die Cast

Fixture Material: Aluminum Die Cast		
ELECTRICAL		
Lamp Type: LED		
Input Wattage (W): 7.6		
Dimming: Non-Dimmable		
Driver Included: Yes		
Driver Location: Integrated		
Driver Type: Constant Current - Universal		
Driver Class: Class 2		
Input Voltage (V): 120 - 277		
Constant Current (MA): 350		

### LED

## Number of LEDs: 4

Color Temperature (°K): 2700 / 3000 / 4000

Max. Delivered Lumen (lm): 396

CRI: >90 CRI

Lamp Life (hrs): 60000

# OPTICAL

Optic°: 2 Opening Beam Angle: Diffused

IK Rating: IK07

### RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards IP rating: IP65

PROJECT	
TYPE	
SPECIFIER	
QUANTITY	
DATE	



85mm 3 3/8"

0 0

63mm 2 ½"

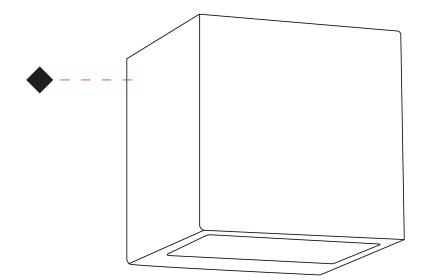
100mm 3 15/16"





E9W624-

PROJECT	
TYPE	
SPECIFIER	
QUANTITY	
DATE	







### E9W625-

base number

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**

Se	eries: Mini One 2.0
Br	rand: Platek
Di	vision: Exterior
М	ounting Type: Surface
М	ounting Location: Wall
Sı	ıbcategory: Wall Effect

Mounting Location: Wall
Subcategory: Wall Effect
PHYSICAL
Shape: Cube
Width (mm): 100
Width (in): 3 15/16
Height (mm): 100
Depth (mm): 100
Height (in): 3 15/16
Depth (in): 3 15/16
Light Distribution: Asymmetric
Screws: No visible screws
Diffuser: Serigraphed extra-clear glass
Fixture Finish: BLK / WHI / GRY / COR / ANT / BRZ
Fixture Material: Aluminum Die Cast

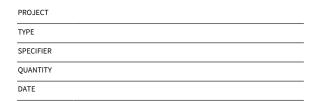
Tixture Material. Additition Die Cast
ELECTRICAL
Lamp Type: LED
Input Wattage (W): 6.8
Dimming: Non-Dimmable
Driver Included: Yes
Driver Location: Integrated
Driver Type: Constant Current - Universal
Driver Class: Class 2
Input Voltage (V): 120 - 277
Constant Current (MA): 350

### LED

Number of LEDs: 1 Color Temperature (°K): 2700 / 3000 / 4000 Max. Delivered Lumen (lm): 290 CRI: >90 CRI Lamp Life (hrs): 60000

## OPTICAL Optic°: 1 Opening

Beam Angle: Dillused	
RATINGS AND CERTIFICATIONS	
Certified By: Certified for North Am	nerican Standards
IP rating: IP65	
IK Rating: IK07	





85mm 3 3/8"

0 0

63mm 2 ½"

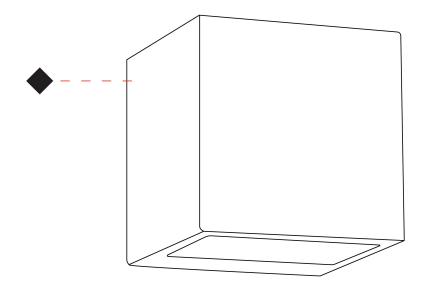
100mm 3 15/16"





E9W625-

PROJECT	
TYPE	_
SPECIFIER	_
QUANTITY	_
DATE	







### E9W626-

base number

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: Mini One 2.0
Brand: Platek
Division: Exterior
Mounting Type: Surface
Mounting Location: Wall
Subcategory: Wall Effect

Mounting Type: Surface	
Mounting Location: Wall	
Subcategory: Wall Effect	
PHYSICAL	
Shape: Cube	
Width (mm): 100	
Width (in): 3 15/16	
Height (mm): 100	
Depth (mm): 100	
Height (in): 3 <sup>15</sup> / <sub>16</sub>	
Depth (in): 3 15/16	
Light Distribution: Asymmetric	
Screws: No visible screws	
Diffuser: Serigraphed extra-clear glass	
Fixture Finish: BLK / WHI / GRY / COR / ANT / BRZ	
Fixture Material: Aluminum Die Cast	

rixture Material: Aluminum Die Cast
ELECTRICAL
Lamp Type: LED
Input Wattage (W): 7.6
Dimming: Non-Dimmable
Driver Included: Yes
Driver Location: Integrated
Driver Type: Constant Current - Universal
Driver Class: Class 2
Input Voltage (V): 120 - 277
Constant Current (MA): 350

### LED

## Number of LEDs: 4

Color Temperature (°K): 2700 / 3000 / 4000

Max. Delivered Lumen (lm): 580

CRI: >90 CRI

Lamp Life (hrs): 60000

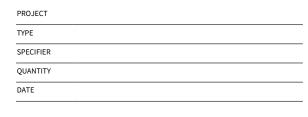
# OPTICAL

Beam Angle: Diffused

#### RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards

IP rating: IP65 IK Rating: IK07





85mm 3 3/8"

63mm 2 ½" 0 0

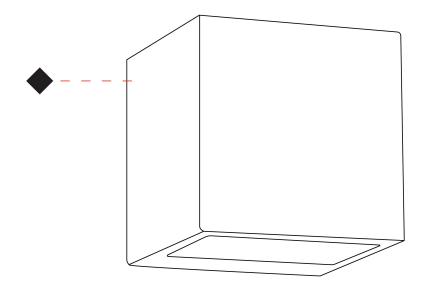
# 100mm 3 15/16"





E9W626-

PROJECT	
ТУРЕ	•
SPECIFIER	
QUANTITY	•
DATE	







### E9W627-

base number

Color Finish 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

Se	eries: Mini One 2.0
Br	rand: Platek
Di	vision: Exterior
М	ounting Type: Surface
М	ounting Location: Wall
Sı	ıbcategory: Wall Effect

Mounting Type. Surface
Mounting Location: Wall
Subcategory: Wall Effect
PHYSICAL
Shape: Cube
Width (mm): 100
Width (in): 3 <sup>15</sup> / <sub>16</sub>
Height (mm): 100
Depth (mm): 100
Height (in): 3 15/16
Depth (in): 3 15/16
Light Distribution: Asymmetric
Screws: No visible screws
Diffuser: Serigraphed extra-clear glass
Fixture Finish: BLK / WHI / GRY / COR / ANT / BRZ
Fixture Material: Aluminum Die Cast

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ELECTRICAL	
Lamp Type: LED	
Input Wattage (W): 11	
Dimming: Non-Dimmable	
Driver Included: No	
Driver Location: Remote	
Driver Type: Constant Current - 120Vac	
Driver Class: Class 2	
Input Voltage (V): 120 - 277	
Constant Current (MA): 700	

# LED

Number of LEDs: 1
Color Temperature (°K): 2700 / 3000 / 4000
Max. Delivered Lumen (lm): 535
CRI: >90 CRI
Lamp Life (hrs): 60000

# OPTICAL

Optic°: 12 Beam Angle: Diffused

beam Angle. Dinasea

# RATINGS AND CERTIFICATIONS

	Certified By: Certified for North American Standards
	IP rating: IP65
	IK Rating: IK07

PROJECT			
TYPE			
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QUANTITY			
DATE			



85mm 3 3/8"

63mm 2 ½"

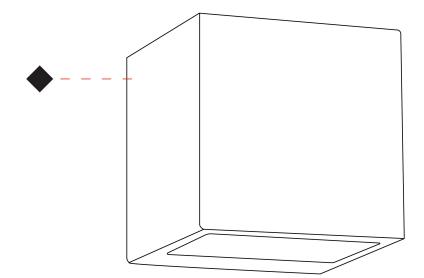






E9W627-

PROJECT	
TYPE	
SPECIFIER	
QUANTITY	
DATE	







## E9W628-

base number

Color Finish
Temperature Options

1.To build a product code i	n our cor	nfigurator	select the	e specify	button (	on
the base model # product إ	oage					

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**

Se	eries: Mini One 2.0
Br	rand: Platek
Di	vision: Exterior
М	ounting Type: Surface
М	ounting Location: Wall
Sı	ıbcategory: Wall Effect

Mounting Location: Wall
Subcategory: Wall Effect
PHYSICAL
Shape: Cube
Width (mm): 100
Width (in): 3 <sup>15</sup> / <sub>16</sub>
Height (mm): 100
Depth (mm): 100
Height (in): 3 15/16
Depth (in): 3 15/16
Light Distribution: Asymmetric
Screws: No visible screws
Diffuser: Serigraphed extra-clear glass
Fixture Finish: BLK / WHI / GRY / COR / ANT / BRZ
Fixture Material: Aluminum Die Cast

- Medic Material Marinian Die Gast	
ELECTRICAL	
Lamp Type: LED	
Input Wattage (W): 11	
Dimming: Non-Dimmable	
Driver Included: No	
Driver Location: Remote	
Driver Type: Constant Current - 120Vac	
Driver Class: Class 2	
Input Voltage (V): 120 - 277	
Constant Current (MA): 700	

# LED

# Number of LEDs: 2

Color Temperature (°K): 2700 / 3000 / 4000

Max. Delivered Lumen (lm): 240

CRI: >90 CRI

Lamp Life (hrs): 60000

# OPTICAL

Optic°: 60

Beam Angle: Diffused

### **RATINGS AND CERTIFICATIONS**

Certified By: Certified for North American Standards
IP rating: IP65
IK Rating: IK07

PROJECT		
TYPE		
SPECIFIER		
QUANTITY		
DATE		



85mm 3 3/8"

63mm 2 ½"

100mm 3 15/16"

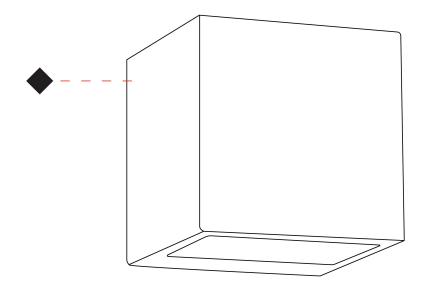
100mm 3 <sup>15</sup>/<sub>16</sub>"





E9W628-

PROJECT	
YPE	
SPECIFIER	
QUANTITY	
DATE	







### E9W629-

base number

Color Finish
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

Se	eries: Mini One 2.0
Br	rand: Platek
Di	vision: Exterior
М	ounting Type: Surface
М	ounting Location: Wall
Sı	ıbcategory: Wall Effect

Mounting Location: Wall
Subcategory: Wall Effect
PHYSICAL
Shape: Cube
Width (mm): 100
Width (in): 3 15/16
Height (mm): 100
Depth (mm): 100
Height (in): 3 15/16
Depth (in): 3 15/16
Light Distribution: Asymmetric
Screws: No visible screws
Diffuser: Serigraphed extra-clear glass
Fixture Finish: BLK / WHI / GRY / COR / ANT / BRZ
Fixture Material: Aluminum Die Cast

ELECTRICAL	
Lamp Type: LED	
Input Wattage (W): 11	
Dimming: Non-Dimmable	
Driver Included: No	
Driver Location: Remote	
Driver Type: Constant Current - 120Vac	
Driver Class: Class 2	
Input Voltage (V): 120 - 277	
Constant Current (MA): 700	

### LED

## Number of LEDs: 2

Color Temperature (°K): 2700 / 3000 / 4000

Max. Delivered Lumen (lm): 480

CRI: >90 CRI

Lamp Life (hrs): 60000

# OPTICAL

Optic°: 60

Beam Angle: Diffused

### RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards
IP rating: IP65
IK Rating: IK07

PROJECT		
TYPE		
SPECIFIER		
QUANTITY		
DATE		



85mm 3 3/8"

63mm 2 ½"

•

100mm 3 15/16"

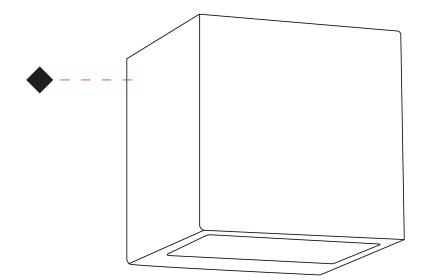
100mm 3 <sup>15</sup>/<sub>16</sub>"





E9W629-









# MINI ONE 2.0

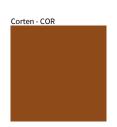
PROJECT	
ТҮРЕ	
SPECIFIER	
QUANTITY	
DATE	

#### **Fixture Finish**













**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.





# MINI ONE 2.0

PROJECT		
TYPE		
SPECIFIER		
QUANTITY		
DATE		

# **LEGEND**

					special LED (upon request) PGB_PGBW_tunable
<u></u>	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
$\overline{\uparrow}$	ceiling-mounted and wall-mounted	Œ	illuminate tilted	0	rechargeable battery powered
$\rightarrow$	wall-mounted	I	color of suspension cable		fixture with natural vivid LED (upon request)
Y	omni-directional light distribution	1	length of suspension cable	CRI	color rendering index
$\dot{\Delta}$	direct light distribution		reflector degree selection	(K)	color temperature
X	direct/indirect light distribution	s s	super spot	LM	lumen (luminous flux)
Y	indirect light distribution	*	lens	₩	efficacy (lumens per watt)
	asymmetric light distribution	8	lens pack	UGR	Unified Glare Rating (UGR) range from 5-40
	aura light distribution	0	shine ring	*	marine grade (AISI 316 stainless steel)
R	round wall or ceiling cut-out	0	integrated shine ring with diffuser	<b>3</b>	walk on
Z)	square wall or ceiling cut-out		free individual colors 01-29	<b>②</b>	drive on
4	the supplied jig specifies the cutout dimensions	Ĉ	individual colors: 00 (free of charge), 01-25 (extra charge)	DSC	Dark Sky Compliance
<b>□</b> ←,→	minimum distance (meters) lamp - object	<b>♦</b>	luminaire part to be colored (F1)	Ġ	Americans with Disabilities Act (less than 4" off the wall located between 27"-84" from floor)
$\hat{\pm}$	recessed depth		luminaire part to be colored (F2)		lamp protected against explosion
<u></u>	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)	<b>●</b> ®	acoustic material
	dimmable DP (phase), DV (0-10V), DD (dali), DS (step-dim)	•	luminaire part to be colored (F5)		protection class I, protection insulation
C. CO	included or excluded LED driver/transformer/ control gear	•	color of 3-circuit adaptor		protection class II, protection insulation
8	separately switchable	$\odot$	indirect diffuser	. <b>.</b>	ETL Certified to UL and CSA Standards
<b>9</b>	sensor	0	direct diffuser	շ (Մ <u>)</u> սո	UL Certified to UL and CSA Standards
	remote control	(1)	ball-proof (upon request)	<b>®</b> :	CSA Certified to UL and CSA Standards
9	available upon request	O	accessory	<b>②</b>	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**

above the surface)

	management (in the Contraction of the Contraction o
IK02	protected against 0.2 joules impact (equivalent to 0.25kg mass dropped from 80mm above the surface)
ІКОЗ	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)
IK05	protected against 0.7 joules impact (equivalent to 0.25kg mass dropped from 280mm above the surface)
IK06	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) $$
IKOB	protected against 5 joules impact (equivalent to 1.7kg mass dropped from 300mm above the surface) $$
IK09	protected against 10 joules impact (equivalent to 5.0kg mass dropped from 200mm above the surface)

protected against 20 joules impact (equivalent to 5.0kg mass dropped from 400mm above the surface)

protected against 0.14 joules impact (equivalent to 0.25kg mass dropped from 56mm