

	r	1	Λ	۵	_
בש	L	1	u	y	-

base number

Color	L9	Lens
Temperature	Finishes-06-08	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: Ceiling
Subcategory: Downlight

Division: Exterior
Mounting Type: Surface
Mounting Location: Ceiling
Subcategory: Downlight
PHYSICAL
Shape: Cube
Length (mm): 100
Length (in): 3 15/16
Width (mm): 100
Width (in): 3 15/16
Height (mm): 100
Height (in): 3 15/16
Light Distribution: Downlight
Weight (kg): 1.1
Weight (lbs): 2.43
Diffuser: Serigraphed extra-clear glass
Fixture Finish: GRY / ANT
Fixture Material: Aluminum Die Cast
Upon Request: Finishes - Black, White, Bronze, Corten

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
Constant Current (MA): 700

LED

Color Temperature (°K): 2700 / 3000 / 4000 Max. Delivered Lumen (lm): 555 - 585 Nominal Lumen (lm): 660 - 690 CRI: >80 CRI Lamp Life (hrs): 60000

OPTICAL

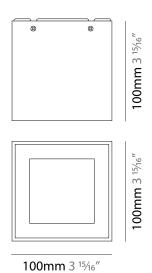
Optic°: 45 / 60

DATINGS AND CERTIFICATIONS

RATINGS AND CERTIFICATIONS	
Certified By: Certified for North American Standards	
IP rating: IP65	
IK Rating: IK07	
Upon Request: Higher Maximum Ambient Temperature	

PROJECT		
TYPE		
SPECIFIER		
QUANTITY		
DATE		



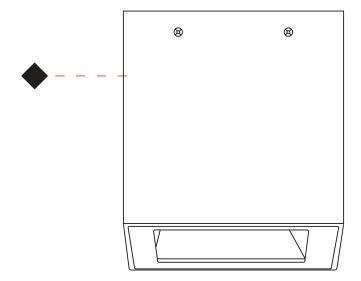






E9C109-

ROJECT	
YPE	
PECIFIER	_
UANTITY	_
ATE	







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

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
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

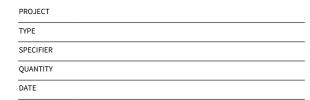
Color Temperature (°K): 2700 / 3000 / 4000 Max. Delivered Lumen (lm): 25 CRI: >90 CRI

Lamp Life (hrs): 60000 OPTICAL

Optic°: 1 Opening Beam Angle: Diffused

RATINGS AND CERTIFICATIONS

TOTAL CONTROL
Certified By: Certified for North American Standards
IP rating: IP65
IK Rating: IK07
Upon Request: Higher Maximum Ambient Temperature





85mm 3 3/8"

63mm 2 ½" 0 0

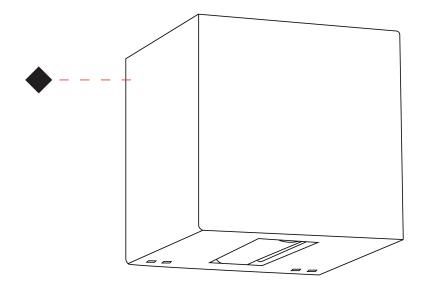
100mm 3 15/16"





E9W619-

PROJECT
TYPE
SPECIFIER
QUANTITY
DATE







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

	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
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

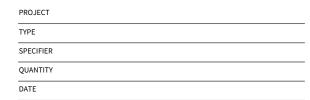
Color Temperature (°K): 2700 / 3000 / 4000 Max. Delivered Lumen (lm): 50 CRI: >90 CRI

OPTICAL

Beam Angle: 2 Lenses

Lamp Life (hrs): 60000

RATINGS AND CERTIFICATIONS





85mm 3 3/8"

0 0

63mm 2 ½"

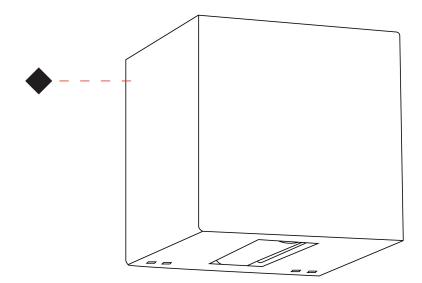
100mm 3 15/16"





E9W620-









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: 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

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	

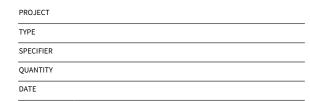
LED

Lamp Life (hrs): 60000

ľ	Number of LEDs: 4
(Color Temperature (°K): 2700 / 3000 / 4000
Ν	Max. Delivered Lumen (lm): 100
(CRI: >90 CRI

OPTICAL	
Optic°: 4 Opening	
Beam Angle: Diffused	
RATINGS AND CERTIFICATIONS	
Certified By: Certified for North American Standards	
IP rating: IP65	
IK Rating: IK07	

Upon Request: Higher Maximum Ambient Temperature





85mm 3 3/8"

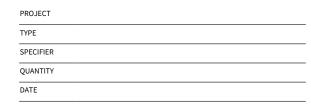
63mm 2 ½" 0 0

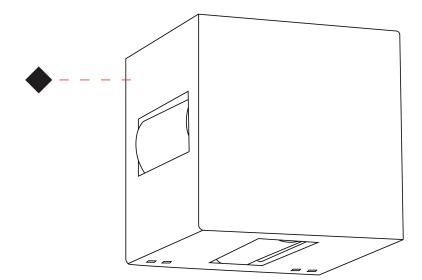
100mm 3 15/16"





E9W621-









E9W623-

base number

Finish

1.To build a product code in a	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 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

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

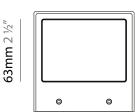
RATINGS AND CERTIFICATIONS

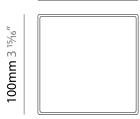
Certified By: Certified for North American Standards
IP rating: IP65
IK Rating: IK07
Upon Request: Higher Maximum Ambient Temperature





85mm 3 3/8"



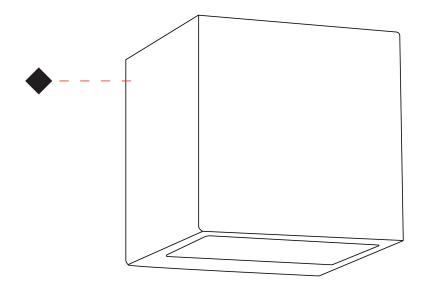






E9W623-

ROJECT	
YPE	
PECIFIER	
UANTITY	
ATE	







E9W624-

base number

Temperature Options

1.To build a	product code	in our configu	urator select t	the specify bu	utton 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 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

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

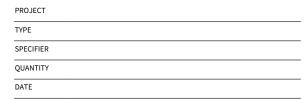
Lamp Life (hrs): 60000

OPTICAL

Optic°: 2 Opening Beam Angle: Diffused

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards IP rating: IP65 IK Rating: IK07 Upon Request: Higher Maximum Ambient Temperature





85mm 3 3/8"

63mm 2 ½" 0 0

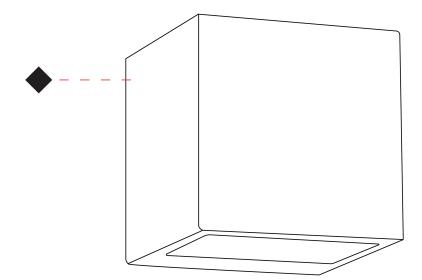
100mm 3 15/16"





E9W624-

PROJECT	
ТҮРЕ	
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 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: 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): 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

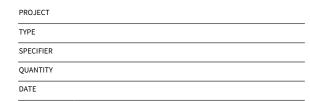
Number of LEDs: 1

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

OPTICAL

0. 110.12
Optic°: 1 Opening
Beam Angle: Diffused
RATINGS AND CERTIFICATIONS
Certified By: Certified for North American Standards
IP rating: IP65
IK Rating: IK07

Upon Request: Higher Maximum Ambient Temperature





85mm 3 3/8"

63mm 2 ½" 0 0

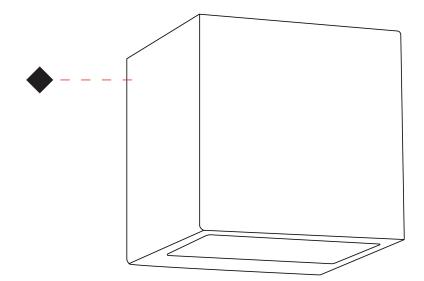
100mm 3 15/16"





E9W625-

PROJECT
YPE
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 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 ritual man pre odde	
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

RATINGS AND CERTIFICATIONS	
Certified By: Certified for North American Standards	
IP rating: IP65	
IK Rating: IK07	
Upon Request: Higher Maximum Ambient Temperature	





85mm 3 3/8"

63mm 2 ½" 0 0

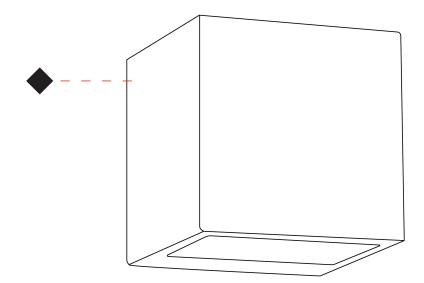
100mm 3 15/16"





E9W626-

ROJECT	
YPE	
PECIFIER	
UANTITY	
ATE	







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

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 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

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

Fixture Material: Aluminum Die Cast

Lamp Life (hrs): 60000

OPTICAL

Optic°: 12

Beam Angle: Diffused

RATINGS AND CERTIFICATIONS

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

Upon Request: Higher Maximum Ambient Temperature

PROJECT TYPE SPECIFIER QUANTITY DATE



85mm 3 3/8"

63mm 2 ½″ 0 0

100mm 3 15/16"





E9W627-

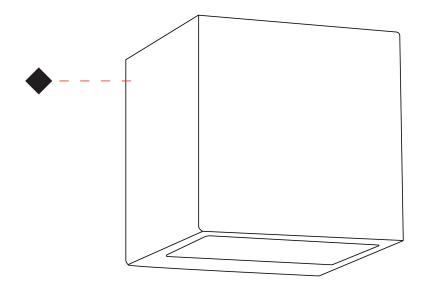
PROJECT

TYPE

SPECIFIER

QUANTITY

DATE







E9W628-

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

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

Fixture Material: Aluminum Die Cast

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 Upon Request: Higher Maximum Ambient Temperature PROJECT

TYPE

SPECIFIER

QUANTITY

DATE



85mm 3 3/8"

63mm 2 1/2"

100mm 3 15/16"

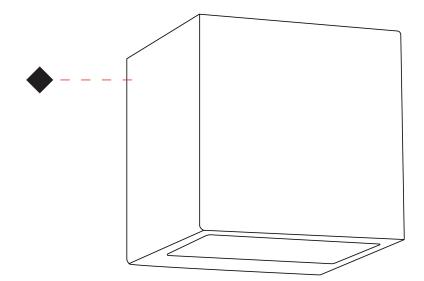
100mm 3 ½16"





E9W628-

PROJECT			
TYPE			
SPECIFIER			
QUANTITY			
DATE			







E9W629-

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

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

OPTICAL

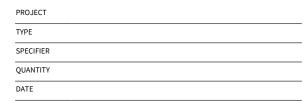
Optic°: 60

Beam Angle: Diffused

Lamp Life (hrs): 60000

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards	
IP rating: IP65	
IK Rating: IK07	
Upon Request: Higher Maximum Ambient Temperature	





85mm 3 3/8"

63mm 2 ½″ 0 0

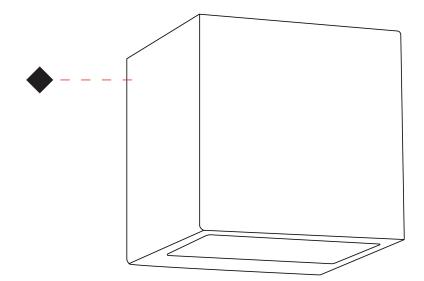
100mm 3 15/16"





E9W629-

PROJECT	
ТҮРЕ	,
SPECIFIER	
QUANTITY	
DATE	







MINI ONE 2.0

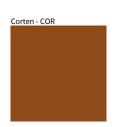
PROJECT	
TYPE	
SPECIFIER	
QUANTITY	
DATE	

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

		_	a 85		special LED (upon request) PGR_PGRW_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	ى	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	71-600	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
	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	30	walk on
ZŢ	square wall or ceiling cut-out		free individual colors 01-29	②	drive on
4	the supplied jig specifies the cutout dimensions	Ĉ	individual colors: 00 (free of charge), 01-25 (extra charge)	OSC	Dark Sky Compliance
□ •,+	minimum distance (meters) lamp - object	♦	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)	♦ ®	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
8	separately switchable	\odot	indirect diffuser	. (II)	ETL Certified to UL and CSA Standards
9	sensor	0	direct diffuser	دول) ا	UL Certified to UL and CSA Standards
	remote control	0	ball-proof (upon request)	(II)	CSA Certified to UL and CSA Standards
J	available upon request	O	accessory	\mathbf{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

above the surface)

IK02	above the surface)
IK03	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

protected against 0.2 joules impact (equivalent to 0.25kg mass dropped from 80mm