ZANEEN

MEDIO RECESSED

E91278-

base number Color

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: Medio Subseries: Medio Brand: Platek Division: Exterior Mounting Type: Recessed Mounting Location: In-Ground

Subcategory: Drive Over **PHYSICAL** Shape: Round Diameter (mm): 206 Diameter (in): 8 1/8 Height (mm): 230 Height (in): 9 1/16 Light Distribution: Uplight Weight (kg): 3.3 Weight (lbs): 7.3 Load Resistance (kg): 2000 Load Resistance (lbs): 4409

Installation Requirement: Installation in sleeve set in concrete with a 20-30 cm gravel drain bed

Screws: A4 stainless steel Diffuser: Clear tempered glass

Fixture Finish: BLK

Fixture Material: Aluminum Die Cast

Cable Details: Supplied with 1 power cable 1.5m in length

ELECTRICAL

Lamp Type: LED Input Wattage (W): 21 Total Output Wattage (W): 18.5 Dimming: Non-Dimming / Phase Dimming (120vac Only) Driver Included: Yes Driver Location: Integrated Driver Type: Constant Current - Universal Driver Class: Class 2

Input Voltage (V): 120 - 277

Constant Current (MA): 700

Upon Request: (Not included - see components [IP65 or higher enclosure to be supplied by others]) Remote: 0-10Vdc dimming

Number of LEDs: 9

Color Temperature (°K): 3000 / 4000 Max. Delivered Lumen (lm): 1440 - 2080 CRI: >80 CRI

Lamp Life (hrs): 60000

OPTICAL Optic°: 9 / 28 / 45 / Asy

Beam Angle: Spot / Medium / Wide / Asymmetrical

Adjustability: Tilt 15°

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards IP rating: IP68

IK Rating: IK10

Upon Request: Higher Maximum Ambient Temperature

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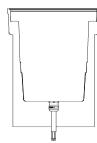
PROJECT TYPE SPECIFIER QUANTITY DATE



Ø214mm 8 7/16"

Ø153mm 6"





230mm

260mm 10 1/4′

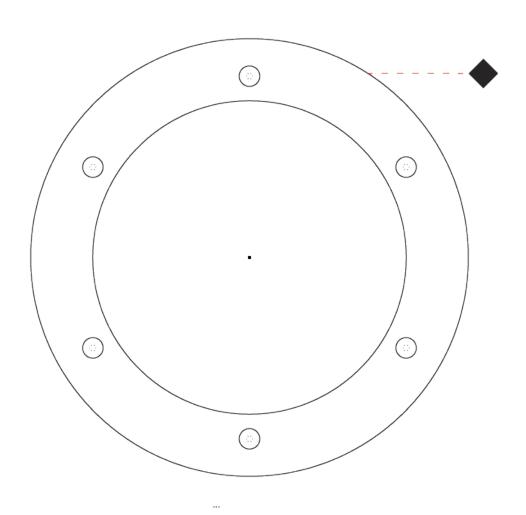




MEDIO RECESSED

E9I278-

PROJECT	
YPE	_
PECIFIER	_
QUANTITY	_
DATE	_





ZANEEN

MEDIO SS RECESSED

E91302-

base number Color

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: Medio Subseries: Medio SS Brand: Platek Division: Exterior Mounting Type: Recessed Mounting Location: In-Ground Subcategory: Drive Over

PHYSICAL Shape: Round Diameter (mm): 224 Diameter (in): 8 13/16 Height (mm): 230 Height (in): 9 1/16 Light Distribution: Uplight Weight (kg): 4.4 Weight (lbs): 9.7 Load Resistance (kg): 2000 Load Resistance (lbs): 4409

Installation Requirement: Installation in sleeve set in concrete with a 20-30 cm gravel drain bed

Screws: A4 stainless steel Diffuser: Clear tempered glass

Fixture Finish: SST

Fixture Material: Aluminum Die Cast

Cable Details: Supplied with 1 power cable 1.5m in length

ELECTRICAL

Lamp Type: LED Input Wattage (W): 22 Total Output Wattage (W): 19 Dimming: Non-Dimming / Phase Dimming (120vac Only) Driver Included: Yes Driver Location: Integrated Driver Type: Constant Current - Universal Driver Class: Class 2 Input Voltage (V): 120 - 277 Constant Current (MA): 700

Upon Request: (Not included - see components [IP65 or higher enclosure to be supplied by others]) Remote: 0-10Vdc dimming

Number of LEDs: 9

Color Temperature (°K): 3000 / 4000 Max. Delivered Lumen (lm): 2000 - 2080 Nominal Lumen (lm): 2250 / 2340 CRI: >80 CRI Lamp Life (hrs): 60000

OPTICAL

Opticº: 9 / 28 / 45 / ASY Adjustability: Tilt 15°

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards IP rating: IP68 IK Rating: IK10

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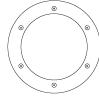
Upon Request: Higher Maximum Ambient Temperature

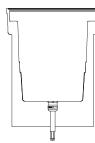
PROJECT TYPE SPECIFIER QUANTITY DATE



Ø214mm 8 7/16"

Ø153mm 6'





230mm



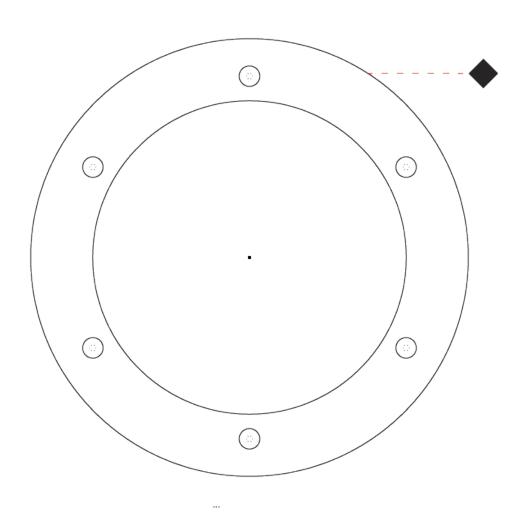




MEDIO SS RECESSED

E9I302-

PROJECT		
TYPE		
SPECIFIER		
QUANTITY		
DATE		







E91339-

base number Color

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: Medio	
Subseries: Medio Roll Over	
Brand: Platek	
Division: Exterior	
Mounting Type: Recessed	
Mounting Location: In-Ground	
Subcategory: Marker	

Mounting Location: In-Ground
Subcategory: Marker
PHYSICAL
Shape: Round
Diameter (mm): 222
Diameter (in): 8 ³ / ₄
Height (mm): 286
Height (in): 11 1/4
Light Distribution: Direct
Weight (kg): 4.3
Weight (lbs): 9.5
Load Resistance (kg): 2000
Load Resistance (lbs): 4409
Diffuser: Clear tempered glass
Fixture Finish: BLK / WHI / GRY / COR / ANT / BRZ
Fixture Material: Aluminum Die Cast
Cable Details: Supplied with 1 power cable 1m in length

ELECTRICAL

Lamp Type: LED
Input Wattage (W): 4.7
Total Output Wattage (W): 3
Dimming: Non-Dimmable
Driver Included: Yes
Driver Location: Integrated
Driver Type: Constant Current - 120 / 277Vac
Driver Class: Class 2
Input Voltage (V): 120 - 277
Constant Current (MA): 500
Upon Request: Remote: 0-10Vdc dimming / Phase dimming

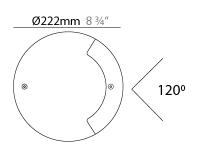
LED

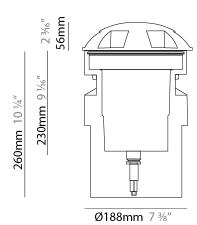
Number of LEDs: 2
Color Temperature (°K): 3000 / 4000
Max. Delivered Lumen (lm): 110 / 115
Nominal Lumen (lm): 380 / 400
CRI: >80 CRI
Lamp Life (hrs): 60000
OPTICAL
Ontico: 1 Opening

Optic°: 1 Opening
Beam Angle: 120
RATINGS AND CERTIFICATIONS
Certified By: Certified for North American Standards
IP rating: IP68
IK Rating: IK10
Upon Request: Higher Maximum Ambient Temperature

PROJECT	
ТУРЕ	
SPECIFIER	
QUANTITY	
DATE	





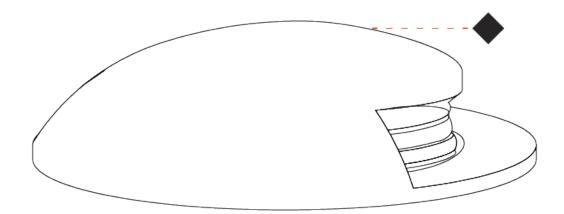






E9I339-

PROJECT	
ТҮРЕ	
SPECIFIER	
QUANTITY	
DATE	







E91343-

base number Color

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: Medio	
Subseries: Medio Roll Over	
Brand: Platek	
Division: Exterior	
Mounting Type: Recessed	
Mounting Location: In-Ground	
Subcategory: Marker	

Mounting Location: In-Ground
Subcategory: Marker
PHYSICAL
Shape: Round
Diameter (mm): 222
Diameter (in): 8 ³ / ₄
Height (mm): 286
Height (in): 11 1/4
Light Distribution: Direct
Weight (kg): 4.3
Weight (lbs): 9.5
Load Resistance (kg): 2000
Load Resistance (lbs): 4409
Screws: A4 stainless steel
Diffuser: Clear tempered glass
Fixture Finish: BLK / WHI / GRY / COR / ANT / BRZ
Fixture Material: Aluminum Die Cast
Cable Details: Supplied with 1 power cable 1m in length

ELECTRICAL

Lamp Type: LED
Input Wattage (W): 8.3
Total Output Wattage (W): 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): 500
Upon Request: (Not included - see components [IP65 or higher enclosure to be supplied by others]) Remote: 0-10Vdc dimming / Phase dimming

Number of LEDs: 4

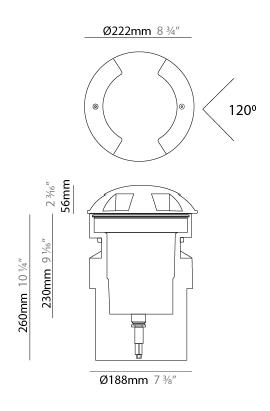
Color Temperature (°K): 3000 / 4000
Max. Delivered Lumen (lm): 240 / 250
Nominal Lumen (lm): 760 / 800
CRI: >80 CRI
Lamp Life (hrs): 60000
OPTICAL
Optic°: 2 Openings
Beam Angle: 120
RATINGS AND CERTIFICATIONS

ma (9K)- 2000 / 4000

Certified By: Certified for North American Standards
IP rating: IP68
IK Rating: IK10
Upon Request: Higher Maximum Ambient Temperature

PROJECT	
ТҮРЕ	
SPECIFIER	
QUANTITY	
DATE	



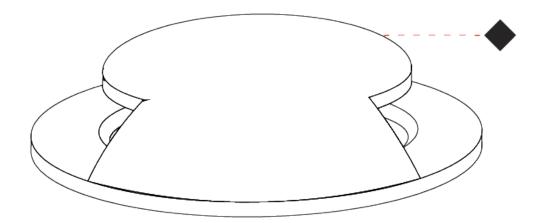






E9I343-

PROJECT
ТҮРЕ
SPECIFIER
QUANTITY
DATE





ZANEEN.

MEDIO RECESSED

E91478-

base number Color

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: Medio	
Subseries: Medio	
Brand: Platek	
Division: Exterior	
Mounting Type: Recessed	
Mounting Location: In-Ground	
Subcategory: Drive Over	

ELECTRICAL

Fixture Finish: BLK

Fixture Material: Aluminum Die Cast

LED

Number of	of LEDs: 1
-----------	------------

Color Temperature (°K): 3000 / 4000	
Max. Delivered Lumen (lm): 3090/3130 - 3215/3255	
CRI:>80 CRI	

Lamp Life (hrs): 60000

OPTICAL

Optic°: 18 / 44

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards

IP rating: IP68

IK Rating: IK10

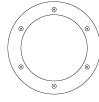
Upon Request: Higher Maximum Ambient Temperature





Ø214mm 8 7/16"

Ø153mm 6"





230mm 9 1⁄16"



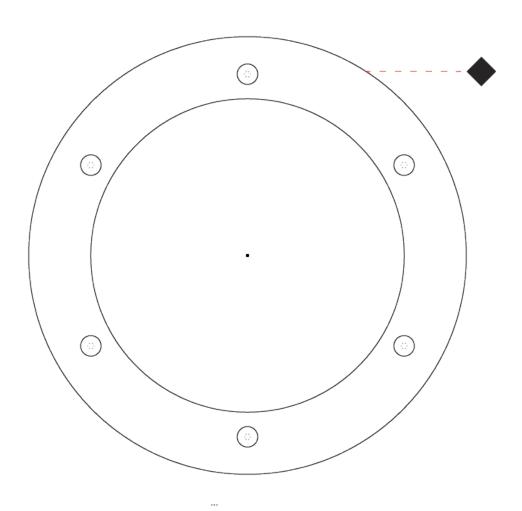




MEDIO RECESSED

E9I478-

PROJECT			
TYPE			
SPECIFIER			
QUANTITY			
DATE			





ZANEEN

MEDIO SS RECESSED

E91486-

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: Medio Subseries: Medio SS Brand: Platek Division: Exterior Mounting Type: Recessed Mounting Location: In-Ground

Subcategory: Drive Over **PHYSICAL** Shape: Round Diameter (mm): 224 Diameter (in): 8 13/16 Height (mm): 230 Height (in): 9 1/16 Light Distribution: Uplight Weight (kg): 3.8 Weight (lbs): 8.38 Load Resistance (kg): 2000 Load Resistance (lbs): 4409 Installation Requirement: Installation in sleeve set in concrete with a

20-30 cm gravel drain bed Diffuser: Extra Clear Tempered Glass - 15 mm / 9/16" thick

Fixture Finish: SST

Fixture Material: Aluminum Die Cast

ELECTRICAL

Lamp Type: LED Input Wattage (W): 27 Total Output Wattage (W): 24 Dimming: Non-Dimming / Phase Dimming (120vac Only) Driver Included: Yes Driver Location: Integrated Driver Type: Constant Current - Universal

Driver Class: Class 2

Input Voltage (V): 120 - 277 Constant Current (MA): 700

Upon Request: (Not included - see components [IP65 or higher enclosure to be supplied by others]) Remote: 0-10Vdc dimming

Color Temperature (°K): 3000 / 4000

Max. Delivered Lumen (lm): 3090 / 3130 - 3215 / 3255 CRI: >80 CRI

Lamp Life (hrs): 60000

OPTICAL

Optic°: 18 / 44

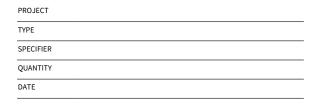
RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards

IP rating: IP68

IK Rating: IK10

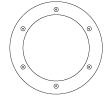
Upon Request: Higher Maximum Ambient Temperature

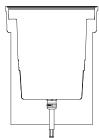




Ø224mm 8 13/16"

Ø153mm 6"





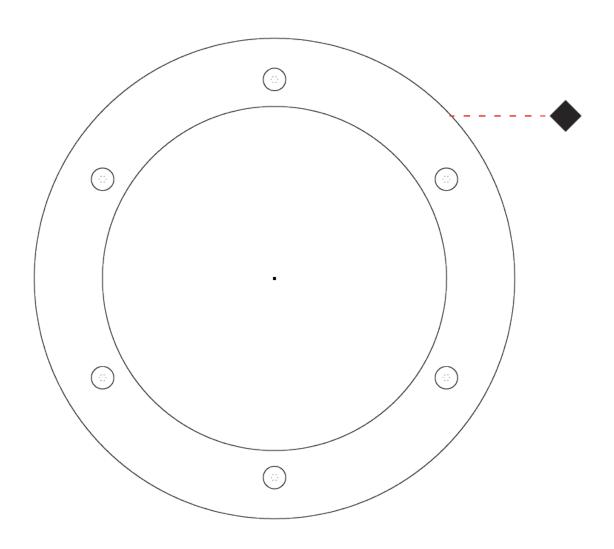
230mm





MEDIO SS RECESSED

E9I486-







MEDIO MARINE GRADE RECESSED

E91588-

base number Color

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: Medio

Subseries: Medio Marine Grade

Brand: Platek

Division: Exterior

Mounting Type: Recessed

Mounting Location: In-Ground

Subcategory: Drive Over

PHYSICAL

Shape: Round

Diameter (mm): 220

Diameter (in): 8 11/16

Height (mm): 113

Height (in): 4 1/16

Light Distribution: Uplight

Weight (kg): 3.40

Weight (lbs): 7.5

Load Resistance (kg): 1500

Load Resistance (lbs): 3307

Installation Requirement: Installation in sleeve set in concrete with a

20-30 cm gravel drain bed

Screws: A4 stainless steel Diffuser: Clear tempered glass

Fixture Finish: SST

Fixture Material: Stainless Steel AISI 316L

Cable Details: Supplied with 1 power cable 1m in length

ELECTRICAL

Lamp Type: LED

Input Wattage (W): 15

Total Output Wattage (W): 14

Driver Included: No

Driver Location: Remote

Driver Type: Constant Voltage - 120 / 277Vac

Driver Class: Class 2

Input Voltage (V): 120 - 277

Output Voltage (V): 24

Upon Request: (Not included - see components [IP65 or higher enclosure to be supplied by others]) 0-10Vdc dimming / Phase dimming

/ Non-dimming 120/277Vac

LED

Number of LEDs: 9

Color Temperature (°K): 3000 / 4000

Max. Delivered Lumen (lm): 1480 / 1540

Nominal Lumen (lm): 1710 / 1800

CRI: >80 CRI

Lamp Life (hrs): 60000

OPTICAL

Opticº: 9 / 28 / 45 / ELL

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards

IP rating: IP68

IK Rating: IK10

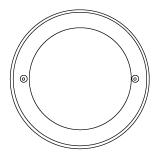
Marine Grade: Stainless Steel AISI 316L

Upon Request: Higher Maximum Ambient Temperature

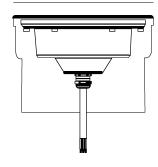
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220mm 8 11/16"



196mm 7 11/16"



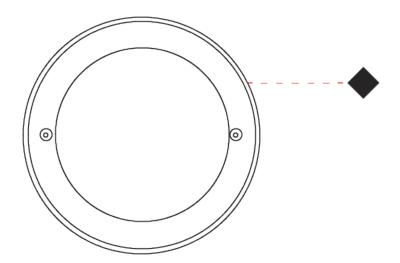
13mm 4^{7/16} 140mm 5 1/2"





MEDIO MARINE GRADE RECESSED

E9I588-





ZANEEN®

MEDIO RECESSED

E91627-

base number Lens 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

eries: Medio
ubseries: Medio
rand: Platek
ivision: Exterior
ounting Type: Recessed
ounting Location: In-Ground
ubcategory: Drive Over

Subcategory: Drive Over
PHYSICAL
Shape: Round
Diameter (mm): 206
Height (mm): 230
Height (in): 9 ½
Light Distribution: Uplight
Weight (kg): 3.3
Weight (lbs): 7.3
Load Resistance (kg): 2000
Load Resistance (lbs): 4409
Installation Requirement: Installation in sleeve set in concrete with a
20-30 cm gravel drain bed
Screws: A4 stainless steel

Diffuser: Clear tempered glass

Fixture Finish: BLK

Fixture Material: Aluminum Die Cast

Cable Details: Supplied with 1 power cable 1.5m in length

ELECTRICAL
Lamp Type: LED
Input Wattage (W): 16
Total Output Wattage (W): 16
Dimming: Bluetooth technology or DMX
Control Gear: DMX
Driver Included: No
Driver Location: Remote
Driver Type: Constant Current - Universal
Driver Class: Class 2
Input Voltage (V): 120 - 277
Constant Current (MA): 350
LED

LED

OPTICAL

Optic°: 9 / 28 / 44

RATINGS AND CERTIFICATIONS

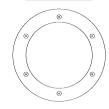
Certified By: Certified for North American Standards
IP rating: IP68
IK Rating: IK10
Upon Request: Higher Maximum Ambient Temperature

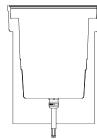
PROJECT			
TYPE			
SPECIFIER			
QUANTITY			
DATE			





Ø153mm 6"





230mm 9 1/16"

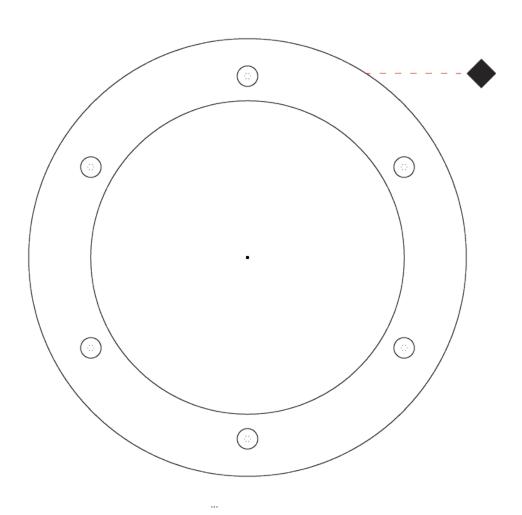




MEDIO RECESSED

E9I627-

PROJECT		
TYPE		
SPECIFIER		
QUANTITY		
DATE		





ZANEEN®

MEDIO SS RECESSED

E91628-

base number

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: Medio
Subseries: Medio SS
Brand: Platek
Division: Exterior
Mounting Type: Recessed
Mounting Location: In-Ground
Subcategory: Drive Over

PHYSICAL

Shape: Round

Diameter (mm): 214

Diameter (in): 8 1/16

Depth (mm): 230

Depth (in): 9 1/16

Light Distribution: Uplight

Weight (kg): 4.4

Weight (lbs): 9.7

Load Resistance (kg): 2000

Load Resistance (lbs): 4409

Installation Requirement: Installation in sleeve set in concrete with a 20-30 cm gravel drain bed

Screws: A4 stainless steel

Diffuser: Clear tempered glass

Fixture Finish: SST

Fixture Material: Aluminum Die Cast

Cable Details: Supplied with 1 power cable 1.5m in length

ELECTRICAL

Lamp Type: LED
Total Output Wattage (W): 16
Dimming: Bluetooth technology or DMX
Control Gear: DMX
Driver Included: No
Driver Location: Remote
Driver Type: Constant Current - Universal
Driver Class: Class 2
Input Voltage (V): 120 - 277
Constant Current (MA): 350

LED

Number of LEDs: 16
Color Temperature (°K): RGBW
CRI: >80 CRI
Lamp Life (hrs): 60000
Special LEDs offerings: RGBW

OPTICAL

Optic°: 9 / 28 / 45

Adjustability: Tilt 15°

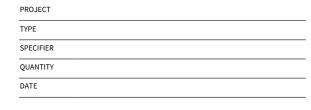
RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards

IP rating: IP68

IK Rating: IK08

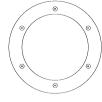
Upon Request: Higher Maximum Ambient Temperature

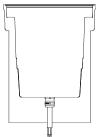




Ø214mm 8 7/16"

Ø153mm 6"





230mm 9 1/16"

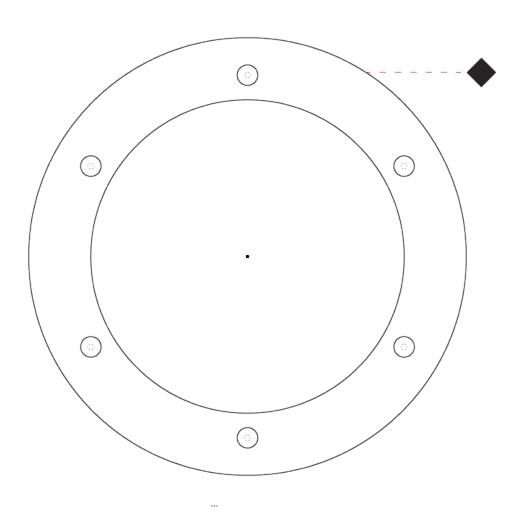




MEDIO SS RECESSED

E9I628-

PROJECT			
TYPE			
SPECIFIER			
QUANTITY			
DATE			







MEDIO MARINE GRADE RECESSED

E91629-

base number Lens 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: Medio	
Subseries: Medio Marine Grade	
Brand: Platek	
Division: Exterior	
Mounting Type: Recessed	
Mounting Location: In-Ground	
Subcategory: Drive Over	

PHYSICAL
Shape: Round
Diameter (mm): 220
Diameter (in): 8 11/16
Height (mm): 113
Height (in): $4\frac{7}{16}$
Light Distribution: Uplight
Weight (kg): 3.40
Weight (lbs): 7.5
Load Resistance (kg): 1500
Load Resistance (lbs): 3307
Installation Requirement: Installation in sleeve set in concrete with a

20-30 cm gravel drain bed

Screws: A4 stainless steel Diffuser: Clear tempered glass

Fixture Finish: SST Fixture Material: Stainless Steel AISI 316L

Cable Details: Supplied with 1 power cable 1m in length

ELECTRICAL

Lamp Type: LED
Input Wattage (W): 16
Total Output Wattage (W): 16
Dimming: Bluetooth technology or DMX
Control Gear: DMX
Driver Included: No
Driver Location: Remote
Driver Type: Constant Current - Universal
Driver Class: Class 2
Input Voltage (V): 120 - 277
Constant Current (MA): 350

LED

Number of LEDs: 16
Color Temperature (°K): RGBW
CRI: >80 CRI
Lamp Life (hrs): 60000
Special LEDs offerings: RGBW

OPTICAL

Optic°: 9 / 28 / 45 / ELL

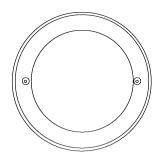
RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards IP rating: IP68 IK Rating: IK10 Marine Grade: Stainless Steel AISI 316L

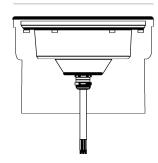
Upon Request: Higher Maximum Ambient Temperature



220mm 8 11/16"



196mm 7 11/16"



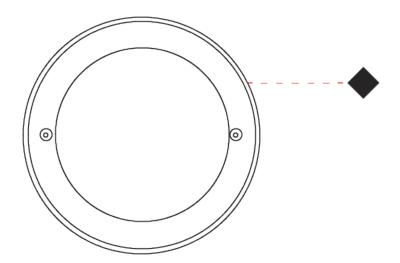






MEDIO MARINE GRADE RECESSED

E9I629-







MEDIO

PROJECT
TYPE
SPECIFIER
QUANTITY
DATE

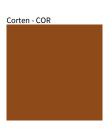
Fixture Finish

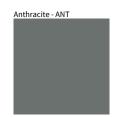














Digital: Not all screens are calibrated the same, and therefore, colors will appear differently between screens. **Physical:** When texture is involved, there will be variations in color, character and tone within a product series and between product families.





MEDIO

	PROJECT
	TYPE
	SPECIFIER
	QUANTITY
	DATE

LEGEND

	floor-mounted	¥	pivotable	*	special LED (upon request) RGB, RGBW, tunable, gold+, meat+, art+, fashion+
Ť	wall and ceiling: recessed and surface mounted	<u>`</u>	rotating		warm dim / natural dimming LED
		V.			0
1	ceiling-mounted and wall-mounted	Œ	illuminate tilted	0	rechargeable battery powered
\rightarrow	wall-mounted	Y	color of suspension cable	71400	fixture with natural vivid LED (upon request)
Y	omni-directional light distribution	↓	length of suspension cable	CRI	color rendering index
À	direct light distribution	Δ	reflector degree selection	(°K)	color temperature
	direct/indirect light distribution	s s	super spot	LM	lumen (luminous flux)
Y	indirect light distribution	*	lens	₩)	efficacy (lumens per watt)
	asymmetric light distribution	8	lens pack	UGR	Unified Glare Rating (UGR) range from 5-40
X	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
\Box	square wall or ceiling cut-out		free individual colors 01-29	9	drive on
4	the supplied jig specifies the cutout dimensions	C	individual colors: 00 (free of charge), 01-25 (extra charge)	OSC	Dark Sky Compliance
d **	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
C.S.	included or excluded LED driver/transformer/ control gear		color of 3-circuit adaptor		protection class II, protection insulation
8	separately switchable	\odot	indirect diffuser	. @	ETL Certified to UL and CSA Standards
•	sensor	0	direct diffuser	. (A)	UL Certified to UL and CSA Standards
	remote control	0	ball-proof (upon request)	(II)	CSA Certified to UL and CSA Standards
9	available upon request	9	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)
IKO6	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) $$
IK08	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