

TETRA INCASSO RECESSED

E9I368-

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: Tetra

Subseries: Tetra Incasso

Brand: Platek

Division: Exterior

Mounting Type: Recessed

Mounting Location: In-Ground

Subcategory: Drive Over

PHYSICAL

Shape: Rectangle

Length (mm): 1000

Length (in): 39 3⁄8

Width (mm): 130

Width (in): 5 1⁄8

Height (mm): 68

Height (in): 2 11⁄16

Light Distribution: Uplight

Weight (kg): 5.5

Weight (lbs): 12.12

Load Resistance (kg): 2000

Load Resistance (lbs): 4409

Installation Requirement: Installation in sleeve set in concrete with a 20 - 30 cm / 8 - 12 inches gravel drain bed

Screws: A4 stainless steel

Diffuser: Clear tempered glass

Gasket: Gore-Tex valve to prevent condensation inside the fitting.

Fixture Finish: SST

Fixture Material: Extruded Aluminum

ELECTRICAL

Lamp Type: LED

Input Wattage (W): 47

Total Output Wattage (W): 16

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: 36

Color Temperature (°K): 3000 / 4000

Max. Delivered Lumen (lm): 1300 - 3230

Nominal Lumen (lm): 5040 / 5220

CRI: >80 CRI

Lamp Life (hrs): 60000

OPTICAL

Optic°: 12 / 26 / 40 / ELI / ASY

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards

IP rating: IP67

IK Rating: IK10

Bug Rating: B0 U5 G0

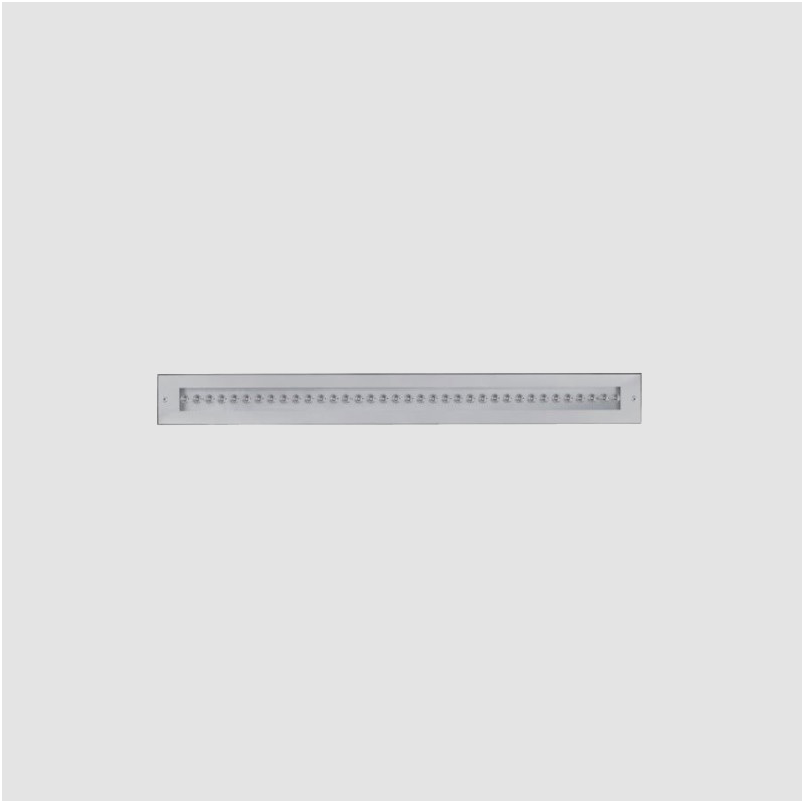
PROJECT

TYPE

SPECIFIER

QUANTITY

DATE



TETRA INCASSO RECESSED

E9I399-

-

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: Tetra

Subseries: Tetra Incasso

Brand: Platek

Division: Exterior

Mounting Type: Recessed

Mounting Location: In-Ground

Subcategory: Walk Over

PHYSICAL

Shape: Rectangle

Length (mm): 450

Length (in): 17 3⁄4

Width (mm): 130

Width (in): 5 1⁄8

Height (mm): 68

Height (in): 2 11⁄16

Light Distribution: Uplight

Weight (kg): 3.1

Weight (lbs): 6.8

Load Resistance (kg): 500

Load Resistance (lbs): 1102

Installation Requirement: Installation in sleeve set in concrete with a 20 - 30 cm / 8 - 12 inches gravel drain bed

Screws: A4 stainless steel

Diffuser: Clear tempered glass

Gasket: Gore-Tex valve to prevent condensation inside the fitting.

Fixture Finish: SST

Fixture Material: Extruded Aluminum

ELECTRICAL

Lamp Type: LED

Input Wattage (W): 9.8 (Asy) / 13.5

Total Output Wattage (W): 8 (Asy) / 12

Dimming: Non-Dimming / Phase Dimming (120vac Only)

Driver Included: Yes

Driver Location: Integrated

Driver Type: Constant Current - 120 / 277Vac

Driver Class: Class 2

Input Voltage (V): 120 - 277

Constant Current (MA): 350

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

LED

Number of LEDs: 12

Color Temperature (°K): 3000 / 4000

Max. Delivered Lumen (lm): 1030 / 1070

Nominal Lumen (lm): 1680 / 1740

CRI: >80 CRI

Lamp Life (hrs): 60000

OPTICAL

Optic°: 12 / 26 / 40 / ELI / ASY

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards

IP rating: IP67

IK Rating: IK10

Bug Rating: B0 U4 C0

Zaneen Group Inc. 79624, T 1800-388-3382, F 416-247-9319, www.zaneen.com

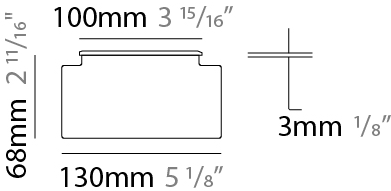
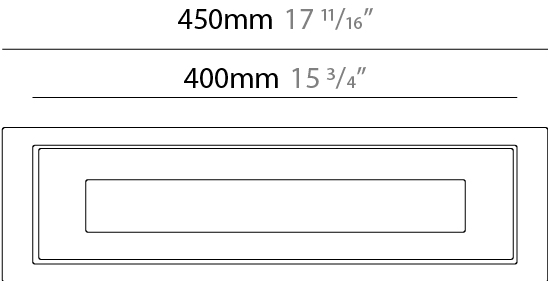
PROJECT

TYPE

SPECIFIER

QUANTITY

DATE



TETRA LINEAR SURFACE

E9W177-

base number Color Finish Lens
Temperature Options 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: Tetra
Subseries: Tetra Linear
Brand: Platek
Division: Exterior
Mounting Type: Surface
Mounting Location: Wall
Subcategory: Wallwash

PHYSICAL

Shape: Rectangle
Length (mm): 904
Length (in): 35 9/16
Width (mm): 65
Width (in): 2 9/16
Height (mm): 65
Depth (mm): 136
Height (in): 2 9/16
Depth (in): 5 3/8
Light Distribution: Adjustable / Direct
Weight (kg): 5.8
Weight (lbs): 12.8
Screws: A4 stainless steel
Diffuser: Clear tempered glass
Gasket: Gore-Tex valve to prevent condensation inside the fitting.
Fixture Finish: BLK / WHI / GRY / COR / ANT / BRZ
Fixture Material: Extruded Aluminum

ELECTRICAL

Lamp Type: LED
Input Wattage (W): 47
Total Output Wattage (W): 36
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: 18
Color Temperature (°K): 3000 / 4000
Max. Delivered Lumen (lm): 3000 / 3120
Nominal Lumen (lm): 5040 / 5220
CRI: >80 CRI
Lamp Life (hrs): 60000

OPTICAL

Optic°: 12 / 40 / Elliptical
Adjustability: Tilt ±45°

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards
IP rating: IP65
IK Rating: IK07
Bug Rating: B3 U1 G1

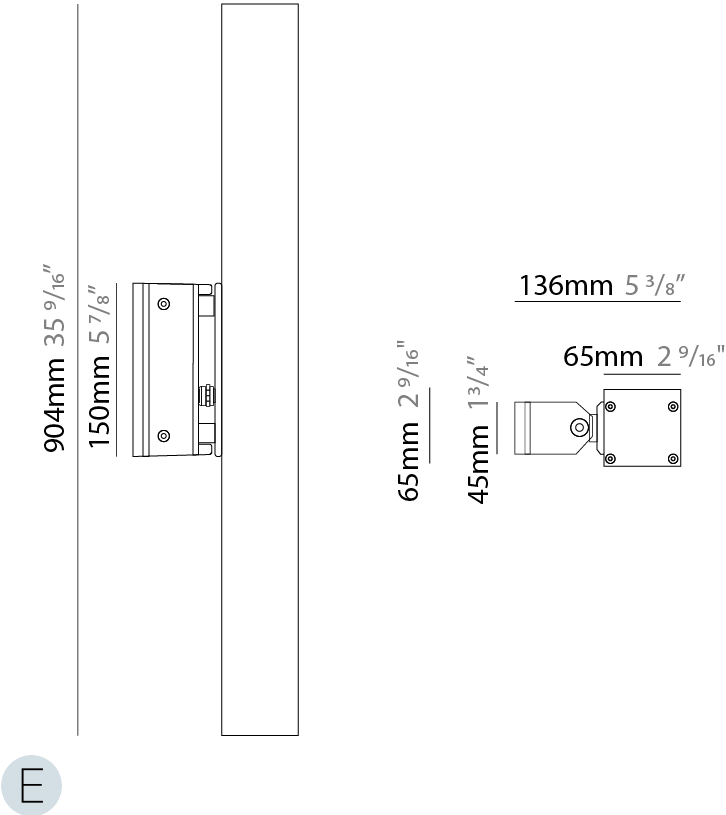
PROJECT

TYPE

SPECIFIER

QUANTITY

DATE



PROJECT
TYPE
SPECIFIER
QUANTITY
DATE



TETRA LINEAR SURFACE

E9W201-

base number

Color

Finish

Lens

Temperature

Options

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: Tetra

Subseries: Tetra Linear

Brand: Platek

Division: Exterior

Mounting Type: Surface

Mounting Location: Wall

Subcategory: Wallwash

PHYSICAL

Shape: Rectangle

Length (mm): 358

Length (in): 14 1⁄8

Width (mm): 65

Width (in): 2 9⁄16

Height (mm): 65

Depth (mm): 136

Height (in): 2 9⁄16

Depth (in): 5 3⁄8

Light Distribution: Adjustable / Direct

Weight (kg): 2.6

Weight (lbs): 5.73

Screws: A4 stainless steel

Diffuser: Clear tempered glass

Gasket: Gore-Tex valve to prevent condensation inside the fitting.

Fixture Finish: BLK / WHI / GRY / COR / ANT / BRZ

Fixture Material: Extruded Aluminum

ELECTRICAL

Lamp Type: LED

Input Wattage (W): 13.5

Total Output Wattage (W): 12

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: 12

Color Temperature (°K): 3000 / 4000

Max. Delivered Lumen (lm): 860 / 1020

Nominal Lumen (lm): 1680 / 1740

CRI: >80 CRI

Lamp Life (hrs): 60000

OPTICAL

Optic°: 12 / 40 / Elliptical

Adjustability: Tilt ±45°

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards

IP rating: IP65

IK Rating: IK07

Bug Rating: B1 U1 G0

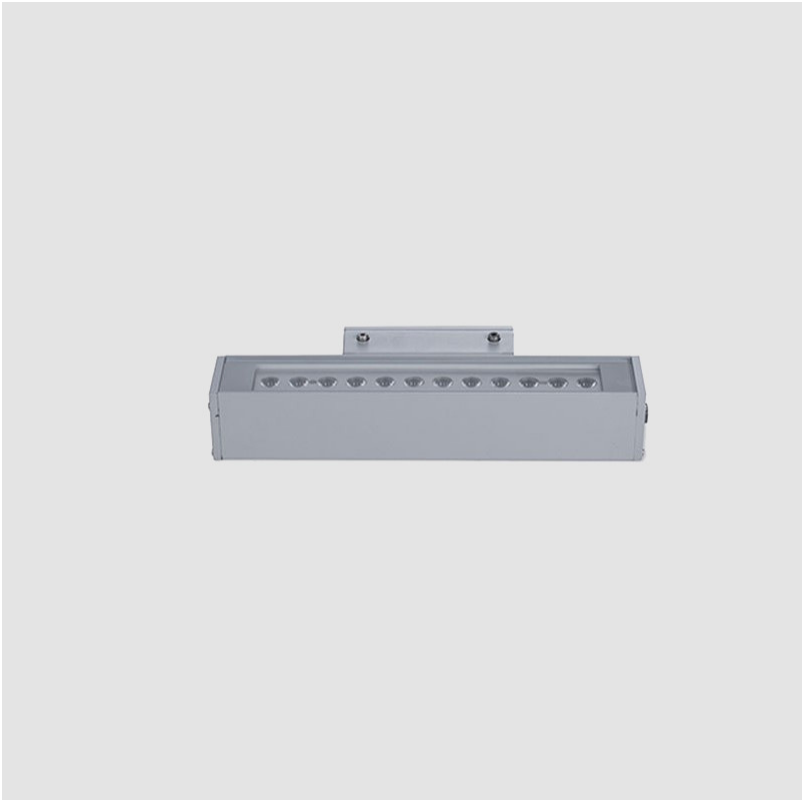
PROJECT

TYPE

SPECIFIER

QUANTITY

DATE



PROJECT
TYPE
SPECIFIER
QUANTITY
DATE



TETRA CORNICHE SURFACE

E9W231-

base number

Color

Finish

Lens

Temperature

Options

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: Tetra

Subseries: Tetra Corniche

Brand: Platek

Division: Exterior

Mounting Type: Surface

Mounting Location: Wall

Subcategory: Wallwash

PHYSICAL

Shape: Rectangle

Length (mm): 904

Length (in): 35 7/16

Height (mm): 73

Depth (mm): 65

Height (in): 2 7/8

Depth (in): 2 3/16

Light Distribution: Adjustable / Direct

Weight (kg): 5.2

Weight (lbs): 11.4

Screws: A4 stainless steel

Diffuser: Clear tempered glass

Gasket: Gore-Tex valve to prevent condensation inside the fitting.

Fixture Finish: BLK / WHI / GRY / COR / ANT / BRZ

Fixture Material: Extruded Aluminum

ELECTRICAL

Lamp Type: LED

Input Wattage (W): 47

Total Output Wattage (W): 36

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: 36

Color Temperature (°K): 3000 / 4000

Max. Delivered Lumen (lm): 2590 / 3220

Nominal Lumen (lm): 5040 / 5220

CRI: >80 CRI

Lamp Life (hrs): 60000

OPTICAL

Optic°: 13 / 26 / 40 / Elliptical

Pitch: 0-15° rotation angle

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards

IP rating: IP66

IK Rating: IK07

Bug Rating: B3 U1 G1

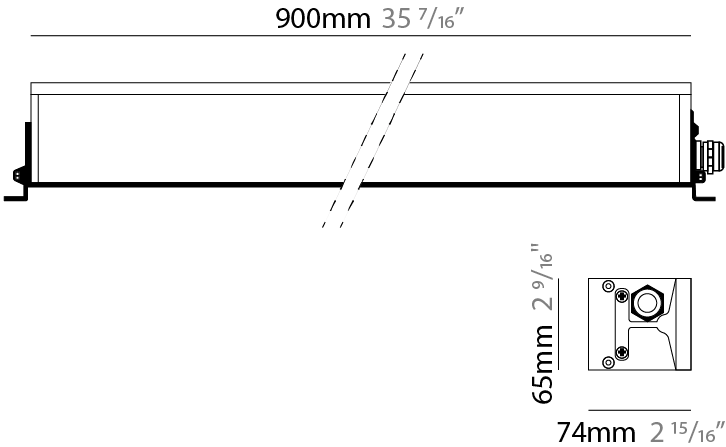
PROJECT

TYPE

SPECIFIER

QUANTITY

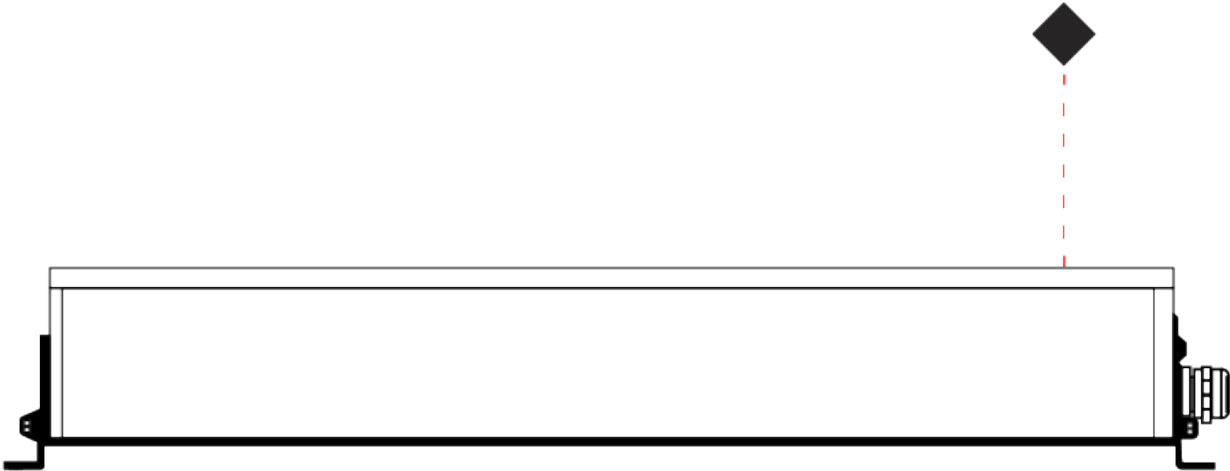
DATE



TETRA CORNICHE SURFACE

E9W231-

PROJECT
TYPE
SPECIFIER
QUANTITY
DATE



TETRA CORNICHE SURFACE

E9W263-

base number

Color

Finish

Lens

Temperature

Options

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: Tetra

Subseries: Tetra Corniche

Brand: Platek

Division: Exterior

Mounting Type: Surface

Mounting Location: Wall

Subcategory: Wallwash

PHYSICAL

Shape: Rectangle

Length (mm): 358

Length (in): 14 7⁄8

Height (mm): 73

Depth (mm): 65

Height (in): 2 7⁄8

Depth (in): 2 3⁄16

Light Distribution: Adjustable / Direct

Weight (kg): 2.3

Weight (lbs): 5.1

Screws: A4 stainless steel

Diffuser: Clear tempered glass

Gasket: Gore-Tex valve to prevent condensation inside the fitting.

Fixture Finish: BLK / WHI / GRY / COR / ANT / BRZ

Fixture Material: Extruded Aluminum

ELECTRICAL

Lamp Type: LED

Input Wattage (W): 13.5

Total Output Wattage (W): 12

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: 12

Color Temperature (°K): 3000 / 4000

Max. Delivered Lumen (lm): 860 - 1070

Nominal Lumen (lm): 1680 / 1740

CRI: >80 CRI

Lamp Life (hrs): 60000

OPTICAL

Optic°: 13 / 26 / 40 / Elliptical

Pitch: 0-15° rotation angle

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards

IP rating: IP66

IK Rating: IK07

Bug Rating: B1 U1 G0

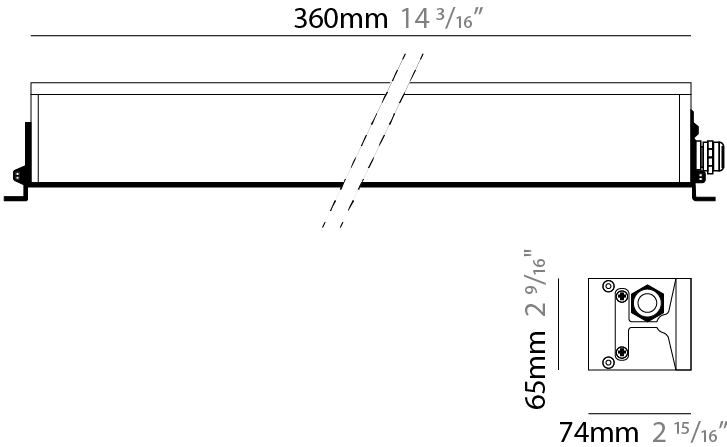
PROJECT

TYPE

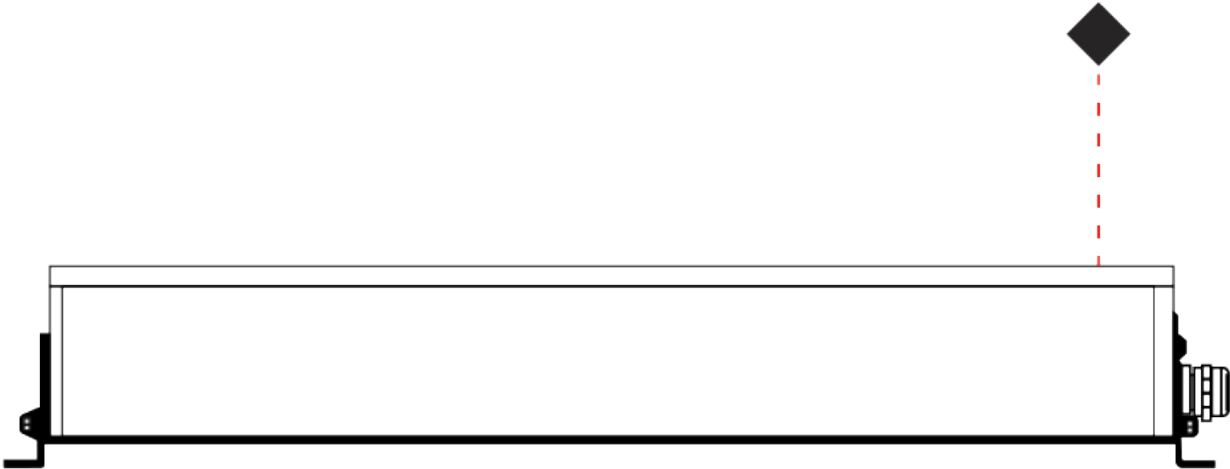
SPECIFIER

QUANTITY

DATE



PROJECT
TYPE
SPECIFIER
QUANTITY
DATE



TETRA APPLIQUE SURFACE

E9W278-

base number

Color

Finish

Lens

Temperature

Options

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: Tetra

Subseries: Tetra Applique

Brand: Platek

Division: Exterior

Mounting Type: Surface

Mounting Location: Wall

Subcategory: Wall Effect

PHYSICAL

Shape: Rectangle

Length (mm): 60

Length (in): 2 3⁄8

Height (mm): 380

Depth (mm): 225

Height (in): 14 15⁄16

Depth (in): 8 7⁄8

Light Distribution: Direct

Weight (kg): 6

Weight (lbs): 13.2

Screws: A4 stainless steel

Diffuser: Clear tempered glass

Fixture Finish: BLK / WHI / GRY / COR / ANT / BRZ

Fixture Material: Extruded Aluminum

ELECTRICAL

Lamp Type: LED

Input Wattage (W): 11

Total Output Wattage (W): 9

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): 350

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

LED

Color Temperature (°K): 3000 / 4000

Max. Delivered Lumen (lm): 750 - 955

Nominal Lumen (lm): 1260 / 1305

CRI: >80 CRI

Lamp Life (hrs): 60000

OPTICAL

Optic°: Single Emission

Beam Angle: 9 / 44 / ELL

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards

IP rating: IP65

IK Rating: IK07

Bug Rating: B1 U0 G0

PROJECT

TYPE

SPECIFIER

QUANTITY

DATE



PROJECT
TYPE
SPECIFIER
QUANTITY
DATE



TETRA APPLIQUE SURFACE

E9W290-

base number

Color

Finish

Lens

Temperature

Options

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: Tetra

Subseries: Tetra Applique

Brand: Platek

Division: Exterior

Mounting Type: Surface

Mounting Location: Wall

Subcategory: Wall Effect

PHYSICAL

Shape: Rectangle

Length (mm): 60

Length (in): 2 3⁄8

Height (mm): 380

Depth (mm): 225

Height (in): 14 15⁄16

Depth (in): 8 7⁄8

Light Distribution: Direct / Indirect

Weight (kg): 6

Weight (lbs): 13.2

Screws: A4 stainless steel

Diffuser: Clear tempered glass

Fixture Finish: BLK / WHI / GRY / COR / ANT / BRZ

Fixture Material: Extruded Aluminum

ELECTRICAL

Lamp Type: LED

Input Wattage (W): 20.65

Total Output Wattage (W): 17.59

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): 350

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

LED

Number of LEDs: 18

Color Temperature (°K): 3000 / 4000

Max. Delivered Lumen (lm): 1840 / 1910

Nominal Lumen (lm): 2520 / 2610

CRI: >80 CRI

Lamp Life (hrs): 60000

OPTICAL

Optic°: Double Emission

Beam Angle: 2x9 / 2x44 / ELL-ELL / 9-44

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards

IP rating: IP65

IK Rating: IK07

Bug Rating: B1 U4 G0

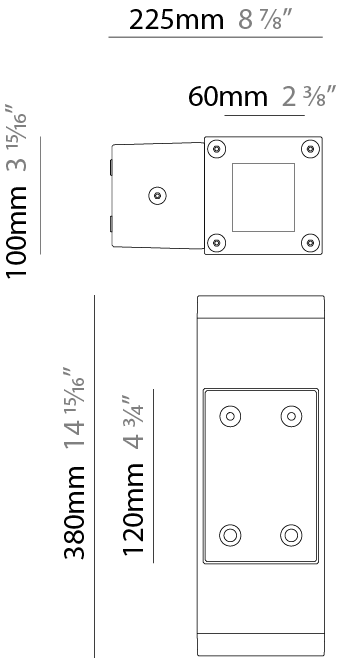
PROJECT

TYPE

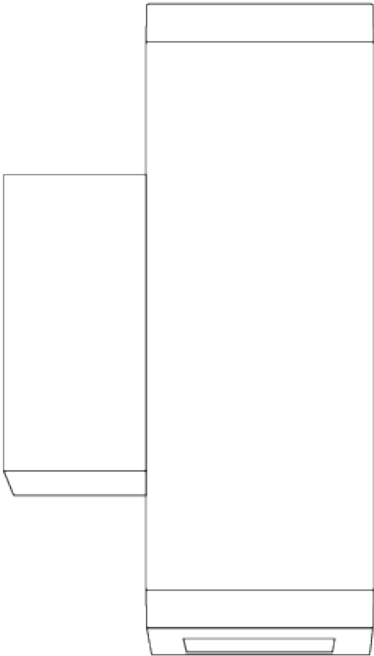
SPECIFIER

QUANTITY

DATE



PROJECT
TYPE
SPECIFIER
QUANTITY
DATE



TETRA APPLIQUE SURFACE

E9W301-

base number

Color

Finish

Lens

Temperature

Options

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: Tetra

Subseries: Tetra Applique

Brand: Platek

Division: Exterior

Mounting Type: Surface

Mounting Location: Wall

Subcategory: Wall Effect

PHYSICAL

Shape: Rectangle

Length (mm): 36

Length (in): 1 7⁄16

Height (mm): 210

Depth (mm): 135

Height (in): 8 1⁄4

Depth (in): 5 5⁄16

Light Distribution: Direct

Weight (kg): 2

Weight (lbs): 4.4

Screws: A4 stainless steel

Diffuser: Clear tempered glass

Fixture Finish: BLK / WHI / GRY / COR / ANT / BRZ

Fixture Material: Extruded Aluminum

ELECTRICAL

Lamp Type: LED

Input Wattage (W): 3.9

Total Output Wattage (W): 3

Dimming: Non-Dimmable

Driver Included: Yes

Driver Location: Integrated

Driver Type: Constant Current - 120Vac

Driver Class: Class 2

Input Voltage (V): 120

Constant Current (MA): 350

LED

Color Temperature (°K): 3000 / 4000

Max. Delivered Lumen (lm): 290 - 385

Nominal Lumen (lm): 420 / 435

CRI: >80 CRI

Lamp Life (hrs): 60000

OPTICAL

Optic°: Single Emission

Beam Angle: 13 / 44

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards

IP rating: IP65

IK Rating: IK07

Bug Rating: B1 U0 G0

PROJECT

TYPE

SPECIFIER

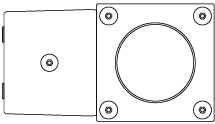
QUANTITY

DATE



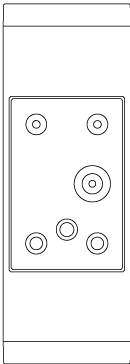
135mm 5 5⁄16"

36mm 1 7⁄16"

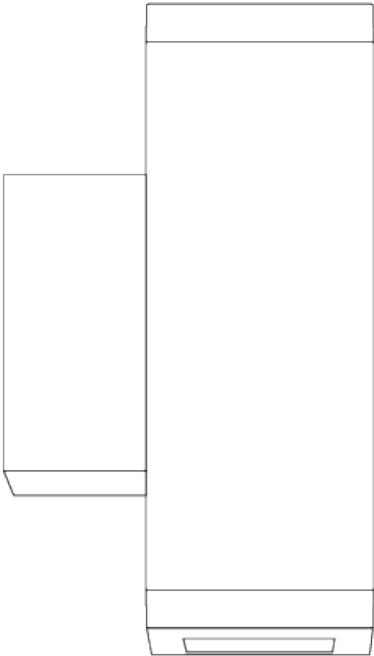


210mm 8 1⁄4"

100mm 3 15⁄16"



PROJECT
TYPE
SPECIFIER
QUANTITY
DATE



TETRA APPLIQUE SURFACE

E9W570-

base number

Color

Finish

Lens

Temperature

Options

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: Tetra

Subseries: Tetra Applique

Brand: Platek

Division: Exterior

Mounting Type: Surface

Mounting Location: Wall

Subcategory: Wall Effect

PHYSICAL

Shape: Rectangle

Length (mm): 36

Length (in): 1 7⁄16

Width (mm): 36

Width (in): 1 7⁄16

Height (mm): 210

Height (in): 8 1⁄4

Extension (mm): 135

Extension (in): 5 5⁄16

Light Distribution: Direct / Indirect

Weight (kg): 2.2

Weight (lbs): 4.8

Screws: A4 stainless steel

Diffuser: Clear tempered glass

Fixture Finish: BLK / WHI / GRY / COR / ANT / BRZ

Fixture Material: Extruded Aluminum

ELECTRICAL

Lamp Type: LED

Input Wattage (W): 6.9

Total Output Wattage (W): 6

Dimming: Non-Dimmable

Driver Included: Yes

Driver Location: Integrated

Driver Type: Constant Current - 120Vac

Input Voltage (V): 120

Constant Current (MA): 350

LED

Number of LEDs: 6

Color Temperature (°K): 3000 / 4000

Max. Delivered Lumen (lm): 740 / 770

Nominal Lumen (lm): 840 / 870

CRI: >80 CRI

Lamp Life (hrs): 60000

OPTICAL

Optic°: Double Emission

Beam Angle: 2x12 / 2x44 / 12-44

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards

IP rating: IP65

IK Rating: IK07

Bug Rating: B1 U3 G0

PROJECT

TYPE

SPECIFIER

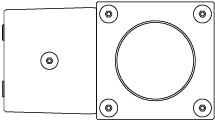
QUANTITY

DATE



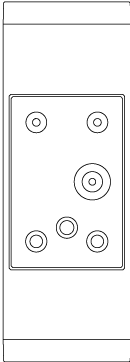
135mm 5 5⁄16"

36mm 1 7⁄16"



210mm 8 1⁄4"

100mm 3 15⁄16"



PROJECT
TYPE
SPECIFIER
QUANTITY
DATE



PROJECT
TYPE
SPECIFIER
QUANTITY
DATE

Fixture Finish

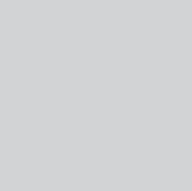
Black - BLK



White - WHI



Gray - GRY



Corten - COR



Anthracite - ANT



Bronze - BRZ



Stainless Steel Inox - SST



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.



LEGEND

	floor-mounted		pivotal		special LED (upon request) RGB, RGBW, tunable, gold+, meat+, art+, fashion+
	wall and ceiling: recessed and surface mounted		rotating		warm dim / natural dimming LED
	ceiling-mounted and wall-mounted		illuminate tilted		rechargeable battery powered
	wall-mounted		color of suspension cable		fixture with natural vivid LED (upon request)
	omni-directional light distribution		length of suspension cable		color rendering index
	direct light distribution		reflector degree selection		color temperature
	direct/indirect light distribution		super spot		lumen (luminous flux)
	indirect light distribution		lens		efficacy (lumens per watt)
	asymmetric light distribution		lens pack		Unified Glare Rating (UGR) range from 5-40
	aura light distribution		shine ring		marine grade (AISI 316 stainless steel)
	round wall or ceiling cut-out		integrated shine ring with diffuser		walk on
	square wall or ceiling cut-out		free individual colors 01-29		drive on
	the supplied jig specifies the cutout dimensions		individual colors: 00 (free of charge), 01-25 (extra charge)		Dark Sky Compliance
	minimum distance (meters) lamp - object		luminaire part to be colored (F1)		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)		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
	separately switchable		indirect diffuser		ETL Certified to UL and CSA Standards
	sensor		direct diffuser		UL Certified to UL and CSA Standards
	remote control		ball-proof (upon request)		CSA Certified to UL and CSA Standards
	available upon request		accessory		Certified for North American Standards

IP RATING

	protected against ingress of solid bodies greater than 12.5mm (finger)
	protected against ingress of solid bodies greater than 2.5mm protected against sprays of water up to 60 degrees from the vertical (rain)
	protected against ingress of solid bodies greater than 1mm (wire) no protection against the ingress of moisture
	protected against ingress of solid bodies greater than 1mm (wire) protected against sprays of water up to 60 degrees from the vertical (rain)
	protected against ingress of solid bodies greater than 1mm (wire) protected against water splashed from all directions
	protected against limited ingress of dust (wet rooms/covered outdoor areas) protected against water splashed from all directions
	protected against ingress of dust protected against jets of water
	protected against ingress of dust protected against powerful jets of water or heavy seas
	protected against ingress of dust protected against immersion of water between 15cm - 1m for 30 minutes
	protected against ingress of dust protected against immersion of water under pressure for long periods

IK RATING

	protected against 0.14 joules impact (equivalent to 0.25kg mass dropped from 56mm above the surface)
	protected against 0.2 joules impact (equivalent to 0.25kg mass dropped from 80mm above the surface)
	protected against 0.35 joules impact (equivalent to 0.25kg mass dropped from 140mm above the surface)
	protected against 0.5 joules impact (equivalent to 0.25kg mass dropped from 200mm above the surface)
	protected against 0.7 joules impact (equivalent to 0.25kg mass dropped from 280mm above the surface)
	protected against 1 joules impact (equivalent to 0.25kg mass dropped from 400mm above the surface)
	protected against 2 joules impact (equivalent to 0.5kg mass dropped from 400mm above the surface)
	protected against 5 joules impact (equivalent to 1.7kg mass dropped from 300mm above the surface)
	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)