

E9W165-	-	-	-
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	

Fixture Material: Extruded Aluminum

ELECTRICAL
Lamp Type: LED
Input Wattage (W): 21
Total Output Wattage (W): 18
Dimming: Non-Dimmable
Driver Included: Yes
Driver Location: Integrated
Driver Type: Constant Voltage - 120Vac
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]) Remote: Non-dimming 120/277Vac

#### LED

Number of LEDs: 18
Color Temperature (°K): 3000 / 4000
Max. Delivered Lumen (lm): 1500 / 1560
Nominal Lumen (lm): 2520 / 2610
CRI: >80 CRI
Lamp Life (hrs): 60000

## OPTICAL

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

### **RATINGS AND CERTIFICATIONS**

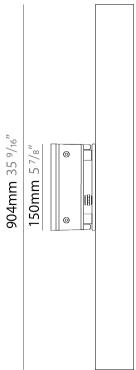
Certified By: Certified for North American Standards
IP rating: IP65
IK Rating: IK07

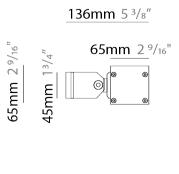
Bug Rating: BZ	Rating: BZ 01 G0			
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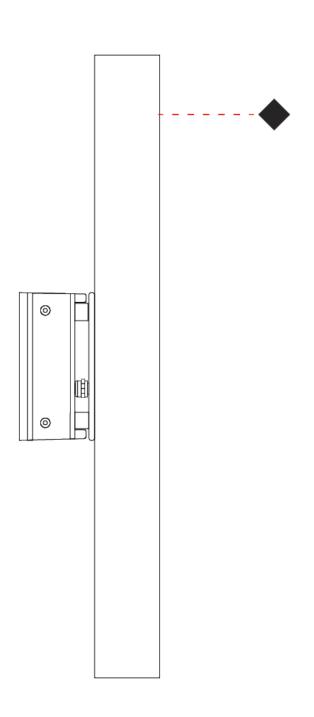


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E9W165-

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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	

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Brand: Platek	
Division: Exterior	
Mounting Type: Surface	
Mounting Location: Wall	
Subcategory: Wallwash	
PHYSICAL	
Shape: Rectangle	
Length (mm): 904	
Length (in): 35 <sup>9</sup> / <sub>16</sub>	
Width (mm): 65	
Width (in): 2 <sup>9</sup> / <sub>16</sub>	
Height (mm): 65	
Depth (mm): 136	
Height (in): 2 1/16	
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 th	e 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

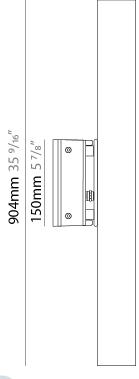
Number of LEDs: 18	
Color Temperature (°K): 3000 / 4000	
Max. Delivered Lumen (lm): 3000 / 3120	
Nominal Lumen (lm): 5040 / 5220	
CRI: >80 CRI	
Lamp Life (hrs): 60000	

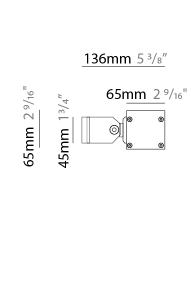
#### OPTICAL

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

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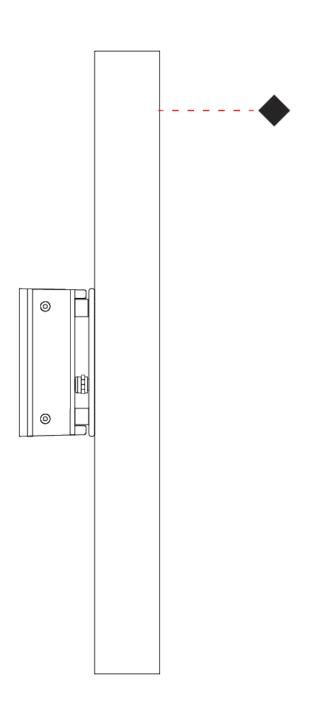


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E9W177-

PROJECT	
TYPE	
SPECIFIER	
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DATE	







E9W189					
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	

Subseries: Tetra Linear
Brand: Platek
Division: Exterior
Mounting Type: Surface
Mounting Location: Wall
Subcategory: Wallwash
PHYSICAL
Shape: Rectangle
Length (mm): 358
Length (in): 14 ½
Width (mm): 65
Width (in): 2 <sup>9</sup> / <sub>16</sub>
Height (mm): 65
Depth (mm): 136
Height (in): $2\frac{9}{16}$
Depth (in): 5 <sup>3</sup> / <sub>8</sub>
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): 7.3
Total Output Wattage (W): 6
Dimming: Non-Dimmable
Driver Included: Yes
Driver Location: Integrated
Driver Type: Constant Voltage - Universal
Driver Class: Class 2
Input Voltage (V): 120 - 277
Output Voltage (V): 24
LED

	Color Temperature (°K): 3000 / 4000
Ī	Max. Delivered Lumen (lm): 490 / 520
i	Nominal Lumen (lm): 840 / 870
	CRI:>80 CRI

Lamp Life (hrs): 60000

#### OPTICAL

Optic°: 12 / 40 / Elliptical

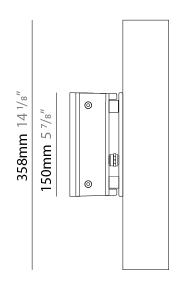
Adjustability: Tilt ±45°

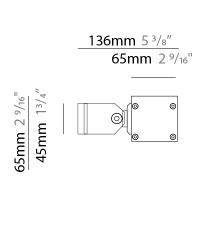
#### **RATINGS AND CERTIFICATIONS**

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Certified By: Certified for North American Standards		
IP rating: IP65		
IK Rating: IK07		
Bug Rating: B1 U1 G0		

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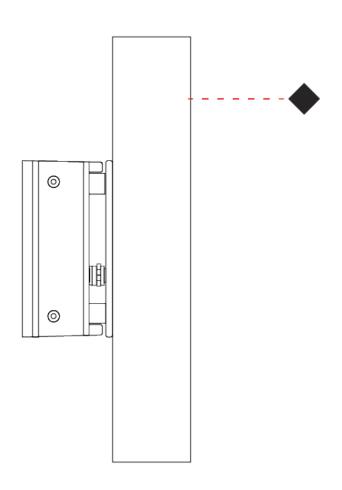






E9W189-

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SPECIFIER
QUANTITY
DATE







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	

Subseries. Tetra Linear
Brand: Platek
Division: Exterior
Mounting Type: Surface
Mounting Location: Wall
Subcategory: Wallwash
PHYSICAL
Shape: Rectangle
Length (mm): 358
Length (in): 14 $\frac{1}{8}$
Width (mm): 65
Width (in): 2 <sup>9</sup> / <sub>16</sub>
Height (mm): 65
Depth (mm): 136
Height (in): $2\frac{9}{16}$
Depth (in): 5 <sup>3</sup> / <sub>8</sub>
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

## FI FCTDICAL

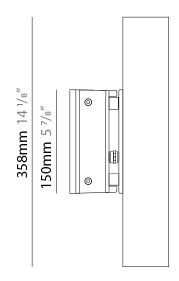
Fixture Material: Extruded Aluminum

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

Adjustability: Tilt ±45°
RATINGS AND CERTIFICATIONS
Certified By: Certified for North American Standards
IP rating: IP65
IK Rating: IK07
Bug Rating: B1 U1 G0

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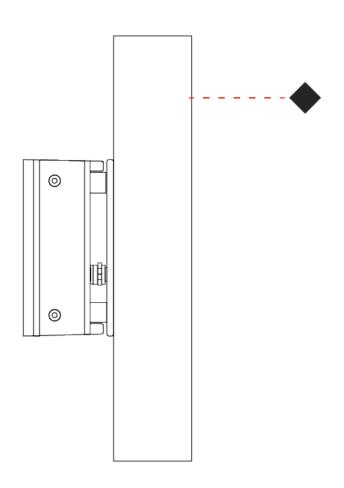






E9W201-

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DATE	







E9W215	<b>j-</b> .	-	-	
base number	Color	Finish	Lens	
	Tomonoratura	Ontions	0-4:	

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	

Brand: Platek
Division: Exterior
Mounting Type: Surface
Mounting Location: Wall
Subcategory: Wallwash
PHYSICAL
Shape: Rectangle
Length (mm): 904
Length (in): $35\frac{9}{16}$
Width (mm): 65
Width (in): 2 <sup>9</sup> / <sub>16</sub>
Height (mm): 73
Height (in): 2 1/8
Light Distribution: Adjustable / Direct
Weight (kg): 4
Weight (lbs): 8.8
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

ELECTRICAL
Lamp Type: LED
Input Wattage (W): 21
Total Output Wattage (W): 18
Dimming: Non-Dimmable
Driver Included: Yes
Driver Location: Integrated
Driver Type: Constant Voltage - 120Vac
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]) Remote: Non-dimming 120/277Vac

### LED

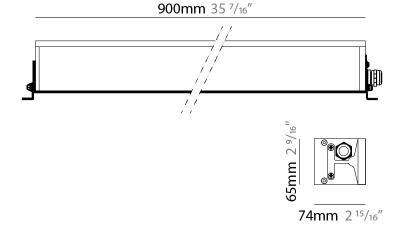
Number of LEDs: 18	
Color Temperature (°K): 3000 / 4000	
Max. Delivered Lumen (lm): 1300 / 1600	
Nominal Lumen (lm): 2520 / 2610	
CRI: >80 CRI	
Lamp Life (hrs): 60000	
OPTICAL	П

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: B2 U1 G0

PROJECT	
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QUANTITY	
DATE	





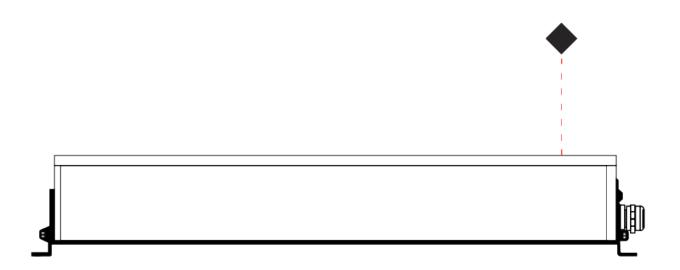


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E9W215-

PROJECT	
TYPE	
SPECIFIER	
QUANTITY	
DATE	







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	

Division: Exterior
Mounting Type: Surface
Mounting Location: Wall
Subcategory: Wallwash
PHYSICAL
Shape: Rectangle
Length (mm): 904
Length (in): 35 % 16
Height (mm): 73
Depth (mm): 65
Height (in): $2\frac{7}{8}$
Depth (in): 2 % 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**

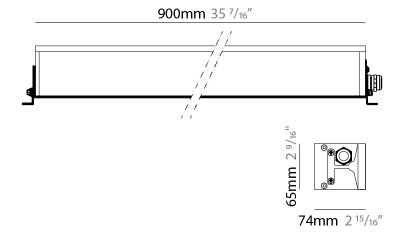
Lamp Type: LED
Input Wattage (W): 47
Total Output Wattage (W): 36
Dimming: Non-Dimmable
Driver Included: Yes
Driver Location: Integrated
Driver Type: Constant Current - Universal
Driver Class: Class 2
Input Voltage (V): 120 - 277
Constant Current (MA): 350
LED

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
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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





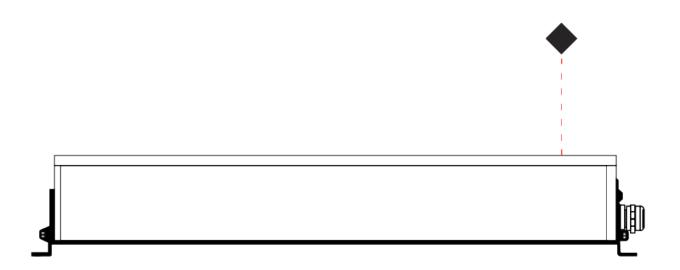






E9W231-

PROJECT	
TYPE	
SPECIFIER	
QUANTITY	
DATE	







E9W263			-	
base number	Color	Finish	Lens	
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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
Shane: Rectangle

Mounting Type. Surface
Mounting Location: Wall
Subcategory: Wallwash
PHYSICAL
Shape: Rectangle
Length (mm): 358
Length (in): 14 $\frac{1}{8}$
Height (mm): 73
Depth (mm): 65
Height (in): 2 1/8
Depth (in): 2 % <sub>16</sub>
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**

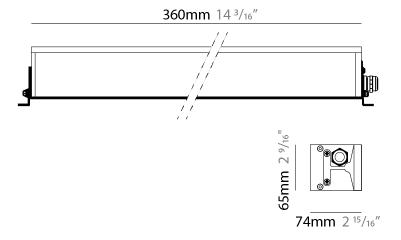
Lamp Type: LED Input Wattage (W): 13.5 Total Output Wattage (W): 12 Dimming: Non-Dimmable Driver Included: Yes Driver Location: Integrated Driver Type: Constant Current - Universal Driver Class: Class 2 Input Voltage (V): 120 - 277 Constant Current (MA): 350  LED	
Total Output Wattage (W): 12  Dimming: 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	Lamp Type: LED
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	Input Wattage (W): 13.5
Driver Included: Yes Driver Location: Integrated Driver Type: Constant Current - Universal Driver Class: Class 2 Input Voltage (V): 120 - 277 Constant Current (MA): 350	Total Output Wattage (W): 12
Driver Location: Integrated Driver Type: Constant Current - Universal Driver Class: Class 2 Input Voltage (V): 120 - 277 Constant Current (MA): 350	Dimming: Non-Dimmable
Driver Type: Constant Current - Universal Driver Class: Class 2 Input Voltage (V): 120 - 277 Constant Current (MA): 350	Driver Included: Yes
Driver Class: Class 2 Input Voltage (V): 120 - 277 Constant Current (MA): 350	Driver Location: Integrated
Input Voltage (V): 120 - 277 Constant Current (MA): 350	Driver Type: Constant Current - Universal
Constant Current (MA): 350	Driver Class: Class 2
	Input Voltage (V): 120 - 277
LED	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

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	
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QUANTITY	
DATE	



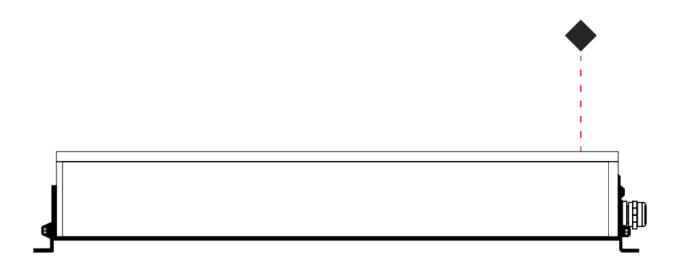






E9W263-

PROJECT	
ТҮРЕ	
SPECIFIER	
QUANTITY	
DATE	







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	

Diana. Hatek
Division: Exterior
Mounting Type: Surface
Mounting Location: Wall
Subcategory: Wall Effect
PHYSICAL
Shape: Rectangle
Length (mm): 36
Length (in): $1\frac{7}{16}$
Height (mm): 210
Depth (mm): 135
Height (in): 8 1/4
Depth (in): 5 <sup>5</sup> / <sub>16</sub>
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
FLECTRICAL

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	

LED	
Color Temperature (°K): 3000 / 4000	
Max. Delivered Lumen (lm): 290 - 385	
Nominal Lumen (lm): 420 / 435	
CRI: >80 CRI	
Lamp Life (hrs): 60000	

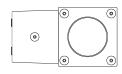
Lamp Life (firs): 60000
OPTICAL
Optic°: Single Emission
Beam Angle: 13 / 44
RATINGS AND CERTIFICATIONS
Certified By: Certified for North American Standards
IP rating: IP65
IK Rating: IK07
Bug Rating: B1 U0 G0

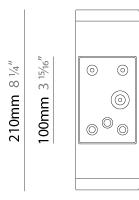
PROJECT	
ТҮРЕ	
SPECIFIER	
QUANTITY	
DATE	



135mm 5 5/16"

36mm 1 7/16"



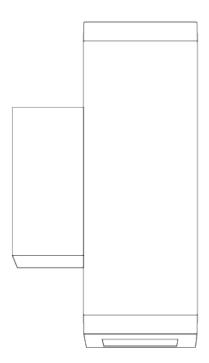






E9W301-

PROJECT			
TYPE			
SPECIFIER			
QUANTITY			
DATE			







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	

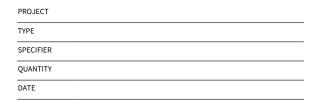
Subseries. Tetra Applique
Brand: Platek
Division: Exterior
Mounting Type: Surface
Mounting Location: Wall
Subcategory: Wall Effect
PHYSICAL
Shape: Rectangle
Length (mm): 36
Length (in): $1\frac{7}{16}$
Width (mm): 36
Width (in): 1 <sup>7</sup> / <sub>16</sub>
Height (mm): 210
Height (in): 8 1/4
Extension (mm): 135
Extension (in): 5 <sup>5</sup> / <sub>16</sub>
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

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

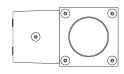
Optic°: Double Emission
Beam Angle: 2x12 / 2x44 / 12-44
RATINGS AND CERTIFICATIONS
Certified By: Certified for North American Standards
IP rating: IP65
IK Rating: IK07
Bug Rating: B1 U3 G0

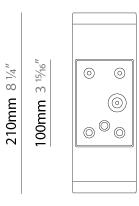




135mm 5 5/16"

36mm 1 7/16"



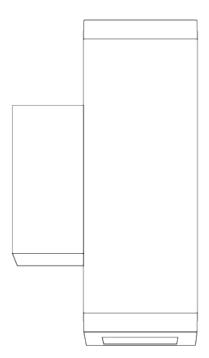






E9W570-

PROJECT	
ТУРЕ	
SPECIFIER	
QUANTITY	
DATE	





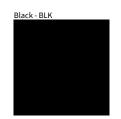


## **TETRA**

**COLOR FINISH CHART** 

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.





## **TETRA**

	PROJECT
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# **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 (Մը) us	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**

IK02	protected against 0.2 joules impact (equivalent to 0.25kg mass dropped from 80mm above the surface)
<b>ІКОЗ</b>	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)
1K06	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 above the surface)