

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	

Brand: Platek
Division: Exterior
Mounting Type: Surface
Mounting Location: Wall
Subcategory: Wallwash
PHYSICAL
Shape: Rectangle
Length (mm): 904
Length (in): 35 % 16
Width (mm): 65
Width (in): 2 ⁹ / ₁₆
Height (mm): 65
Depth (mm): 136
Height (in): 2 % 16
Depth (in): 5 ³ / 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
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

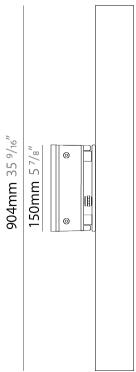
Certified By: Certified for North American Standards	
IP rating: IP65	
IK Rating: IK07	
Bug Rating: B2 U1 G0	

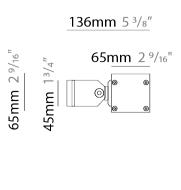
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SPECIFIER QUANTITY DATE



PROJECT TYPE





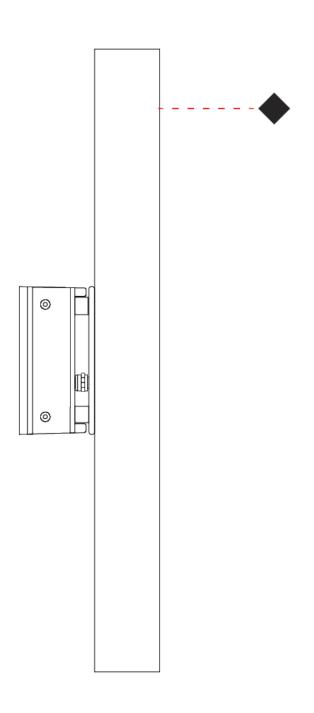


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E9W165-

PROJECT	
ТҮРЕ	
SPECIFIER	
QUANTITY	
DATE	







E9W177	'- .	-	-	
base number	Color	Finish	Lens	
	Tomonoratura	Ontions	0-4:	

 ${\it 1. To \ build \ a \ product \ code \ in \ our \ configurator \ select \ the \ specify \ button \ on}}$ 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	

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): $2\frac{9}{16}$
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

IP rating: IP65 IK Rating: IK07 Bug Rating: B3 U1 G1

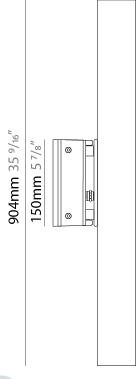
Fixture Material: Extruded Aluminum

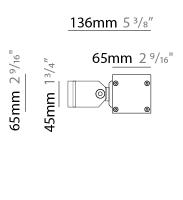
ELECTRICAL
Lamp Type: LED
Input Wattage (W): 47
Total Output Wattage (W): 36
Dimming: Non-Dimmable
Driver Included: Yes
Driver Location: Integrated
Driver Type: Constant Current - Universal
Driver Class: Class 2
Input Voltage (V): 120 - 277
Constant Current (MA): 350

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









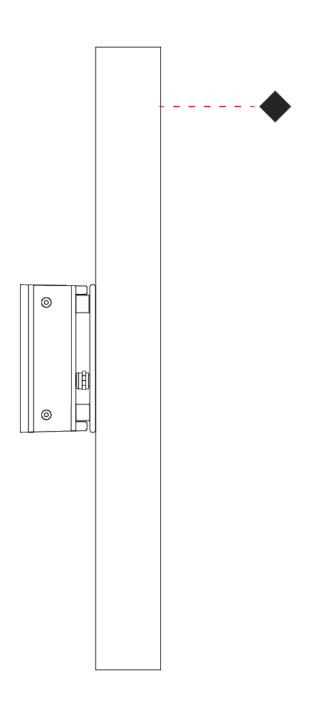


Certified By: Certified for North American Standards



E9W177-

PROJECT		
TYPE		
SPECIFIER		
QUANTITY		
DATE		







E9W189-		-	-
base number	Color	Finish	Lens
	Temperature	Options	Options

 ${\it 1. To \ build \ a \ product \ code \ in \ our \ configurator \ select \ the \ specify \ button \ on}}$ 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 ⁹ / ₁₆	
Height (mm): 65	
Depth (mm): 136	
Height (in): 2 1/16	
Depth (in): $5\frac{3}{8}$	
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	

FI FCTDICAL

ECTRICAL	EL
mp Type: LED	La
out Wattage (W): 7.3	In
tal Output Wattage (W): 6	To
nming: Non-Dimmable	Di
ver Included: Yes	Di
ver Location: Integrated	Di
ver Type: Constant Voltage - Universal	Dı
ver Class: Class 2	Di
out Voltage (V): 120 - 277	In
tput Voltage (V): 24	0
D	LE

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

CRI: >80 CRI

Lamp Life (hrs): 60000

OPTICAL

Opticº: 12 / 40 / Elliptical

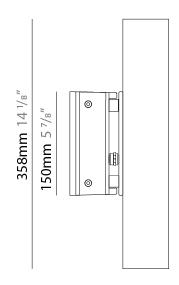
Adjustability: Tilt ±45°

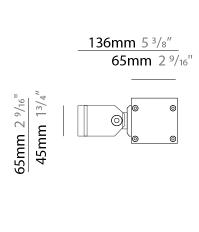
RATINGS AND CERTIFICATIONS

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

PROJECT TYPE SPECIFIER QUANTITY DATE





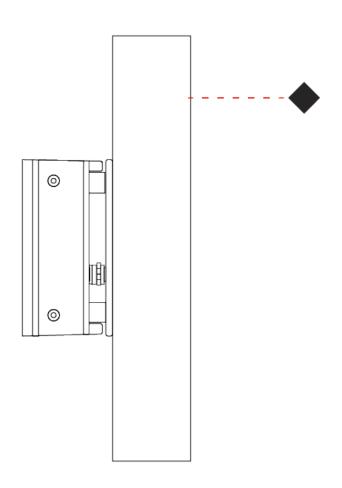






E9W189-

PROJECT	
TYPE	
SPECIFIER	
QUANTITY	
DATE	







E9W201-		-	_
base number	Color	Finish	Lens
	Temperature	Options	Options

 ${\it 1. To \ build \ a \ product \ code \ in \ our \ configurator \ select \ the \ specify \ button \ on}}$ the base model # product page

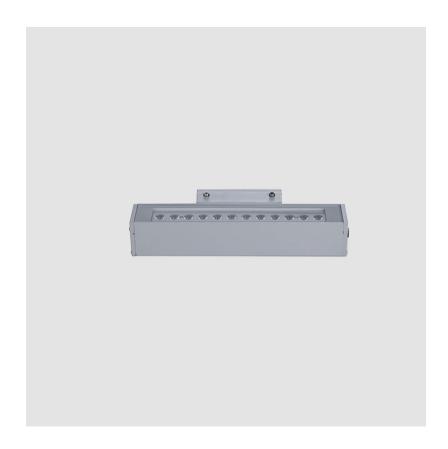
2. To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #

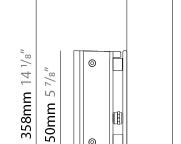
GENERAL

Series: Tetra	
Subseries: Tetra Linear	
Brand: Platek	
Division: Exterior	
Mounting Type: Surface	
Mounting Location: Wall	
Subcategory: Wallwash	

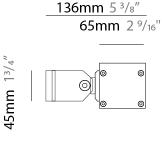
Subseries. Tetra Linear
Brand: Platek
Division: Exterior
Mounting Type: Surface
Mounting Location: Wall
Subcategory: Wallwash
PHYSICAL
Shape: Rectangle
Length (mm): 358
Length (in): 14 ½
Width (mm): 65
Width (in): 2 ⁹ / ₁₆
Height (mm): 65
Depth (mm): 136
Height (in): 2 %
Depth (in): 5 ³ / ₈
Light Distribution: 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

FROJECT			
TYPE			
SPECIFIER			
QUANTITY			
DATE			









Input Voltage (V): 120 - 277 Constant Current (MA): 350 LED

ELECTRICAL Lamp Type: LED Input Wattage (W): 13.5 Total Output Wattage (W): 12 Dimming: Non-Dimmable Driver Included: Yes Driver Location: Integrated

Number of LEDs: 12

Driver Class: Class 2

Color Temperature (°K): 3000 / 4000 Max. Delivered Lumen (lm): 860 / 1020 Nominal Lumen (lm): 1680 / 1740

Fixture Material: Extruded Aluminum

Driver Type: Constant Current - Universal

CRI: >80 CRI

Lamp Life (hrs): 60000

OPTICAL

Opticº: 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	

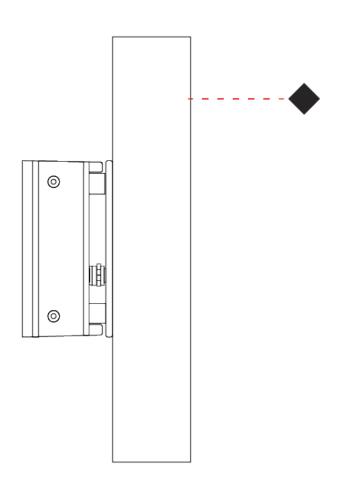


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E9W201-

PROJECT	
TYPE	
SPECIFIER	
QUANTITY	
DATE	







E9W215	j- .	-	-	
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	

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

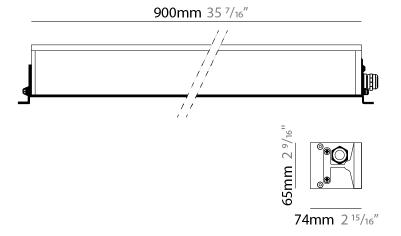
LED

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

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		
TYPE		
SPECIFIER		
QUANTITY		
DATE		





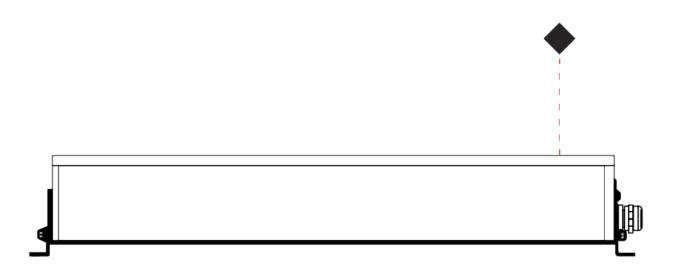


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E9W215-

PROJECT	
ТҮРЕ	
SPECIFIER	
QUANTITY	
DATE	







E9W231	<u>L</u>	-	_	
base number	Color	Finish	Lens	
	T	0-4:	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	

Division: Exterior
Mounting Type: Surface
Mounting Location: Wall
Subcategory: Wallwash
PHYSICAL
Shape: Rectangle
Length (mm): 904
Length (in): 35 ⁹ / ₁₆
Height (mm): 73
Depth (mm): 65
Height (in): 2 1/8
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

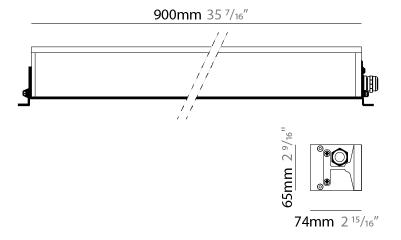
Lamp Type: LED
Input Wattage (W): 47
Total Output Wattage (W): 36
Dimming: Non-Dimmable
Driver Included: Yes
Driver Location: Integrated
Driver Type: Constant Current - Universal
Driver Class: Class 2
Input Voltage (V): 120 - 277
Constant Current (MA): 350
LED

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

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		



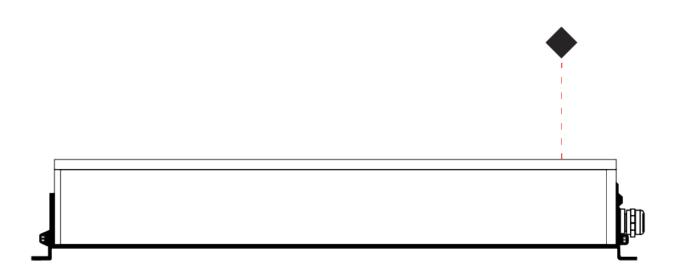






E9W231-

PROJECT	
ТҮРЕ	
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

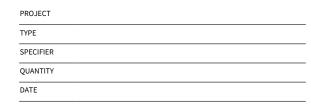
Series: Tetra	
Subseries: Tetra Corniche	
Brand: Platek	
Division: Exterior	
Mounting Type: Surface	
Mounting Location: Wall	
Subcategory: Wallwash	

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 % 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

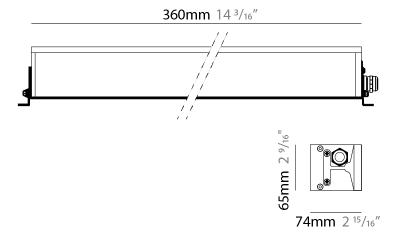
ELECTRICAL
Lamp Type: LED
Input Wattage (W): 13.5
Total Output Wattage (W): 12
Dimming: Non-Dimmable
Driver Included: Yes
Driver Location: Integrated
Driver Type: Constant Current - Universal
Driver Class: Class 2
Input Voltage (V): 120 - 277
Constant Current (MA): 350
LED
Number of LEDs: 12

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
Ontic ^o · 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	





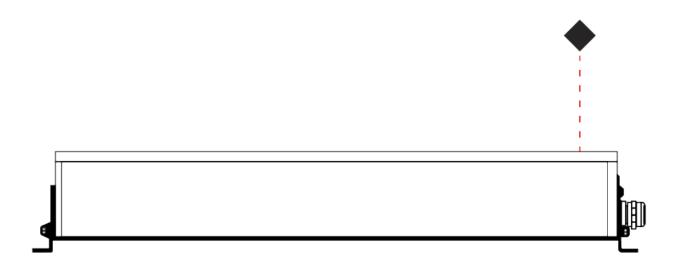






E9W263-

PROJECT
ТУРЕ
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	

Brand: Platek
Division: Exterior
Mounting Type: Surface
Mounting Location: Wall
Subcategory: Wall Effect
PHYSICAL
Shape: Rectangle
Length (mm): 36
Length (in): $1\frac{7}{16}$
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
Mary Balling and Lorenze (las) 200, 205

Constant Carrent (mr): 550
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

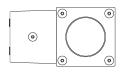
01111 00 0111
Lamp Life (hrs): 60000
OPTICAL
Optic°: Single Emission
Beam Angle: 13 / 44
RATINGS AND CERTIFICATIONS
Certified By: Certified for North American Standards
IP rating: IP65
IK Rating: IK07
Bug Rating: B1 U0 G0

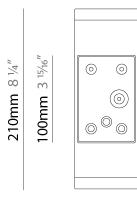
PROJECT		
TYPE		
SPECIFIER		
QUANTITY		
DATE		



135mm 5 5/16"

36mm 1 7/16"



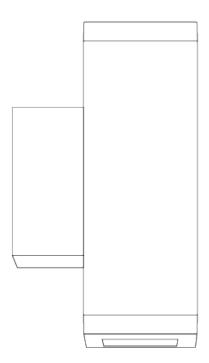






E9W301-

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): $1^{\frac{7}{16}}$
Height (mm): 210
Height (in): 8 1/4
Extension (mm): 135
Extension (in): 5 $\frac{5}{16}$
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

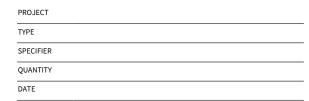
FI FCTRICAL

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	
ORTICAL	

OPTICAL

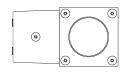
Optic": Double Emission	
Beam Angle: 2x12 / 2x44 / 12-44	
RATINGS AND CERTIFICATIONS	
Certified By: Certified for North American Standards	
IP rating: IP65	
IK Rating: IK07	
Bug Rating: B1 U3 G0	

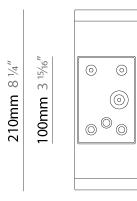




135mm 5 5/16"

36mm 1 7/16"



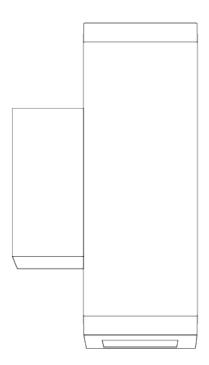






E9W570-

PROJECT		
TYPE		
SPECIFIER		
QUANTITY		
DATE		









TETRA

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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.





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LEGEND

					The significant of the significa
<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
\uparrow	ceiling-mounted and wall-mounted	Œ	illuminate tilted	0	rechargeable battery powered
\rightarrow	wall-mounted	I	color of suspension cable	THESE	fixture with natural vivid LED (upon request)
Y	omni-directional light distribution	1	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	Ď	free individual colors 01-29	9	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
□+, +	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)
\perp	recessed depth		luminaire part to be colored (F2)		lamp protected against explosion
1	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)	4 ⑨	acoustic material
	dimmable DP (phase), DV (0-10V), DD (dali), DS (step-dim)	•	luminaire part to be colored (F5)		protection class I, protection insulation
- L	included or excluded LED driver/transformer/ control gear	•	color of 3-circuit adaptor		protection class II, protection insulation
४	separately switchable	\odot	indirect diffuser		ETL Certified to UL and CSA Standards
9	sensor	O	direct diffuser	c (Մ) սո	UL Certified to UL and CSA Standards
	remote control	1	ball-proof (upon request)	® :	CSA Certified to UL and CSA Standards
9	available upon request	0	accessory	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) $$
IKOB	protected against 5 joules impact (equivalent to 1.7kg mass dropped from 300mm above the surface) $$
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