

| 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 % 16 |
| Height (mm): 65 |
| Depth (mm): 136 |
| Height (in): $2\frac{9}{16}$ |
| 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°

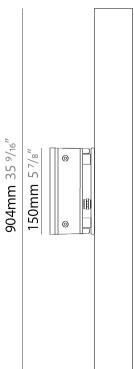
RATINGS AND CERTIFICATIONS

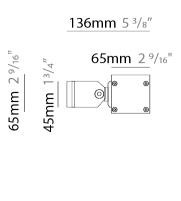
| Certified By: Certified for North American Standards |
|--|
| IP rating: IP65 |
| IK Rating: IK07 |
| Bug Rating: B2 U1 G0 |

| Zaneen Group Inc. © 2024, T | 1800-388-3382, F 416-247-9319 | , www.zaneen.com |
|-----------------------------|-------------------------------|------------------|
|-----------------------------|-------------------------------|------------------|

| PROJECT | |
|-----------|--|
| ТҮРЕ | |
| SPECIFIER | |
| QUANTITY | |
| DATE | |





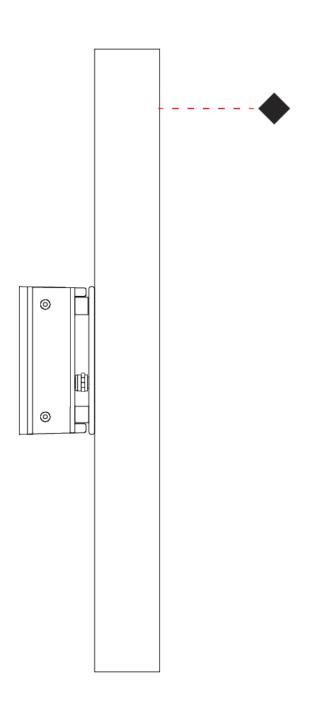


Page 1/16



E9W165-

| PROJECT | |
|-----------|--|
| ТҮРЕ | |
| SPECIFIER | |
| QUANTITY | |
| DATE | |







| 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 | |

| 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 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 the fitting. |
| Fixture Finish: BLK / WHI / GRY / COR / ANT / BRZ |

ELECTRICAL

Fixture Material: Extruded Aluminum

RATINGS AND CERTIFICATIONS

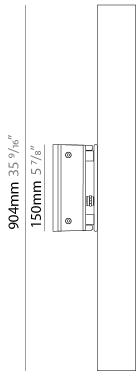
IP rating: IP65 IK Rating: IK07 Bug Rating: B3 U1 G1

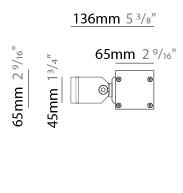
| ELECTRICAL |
|---|
| Lamp Type: LED |
| Input Wattage (W): 47 |
| Total Output Wattage (W): 36 |
| Dimming: Non-Dimmable |
| Driver Included: Yes |
| Driver Location: Integrated |
| Driver Type: Constant Current - Universal |
| Driver Class: Class 2 |
| Input Voltage (V): 120 - 277 |
| Constant Current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

| ziiiiiiigi itoii ziiiiiiaate |
|---|
| 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° |
| |

| PROJECT | |
|-----------|--|
| ТҮРЕ | |
| SPECIFIER | |
| QUANTITY | |
| DATE | |









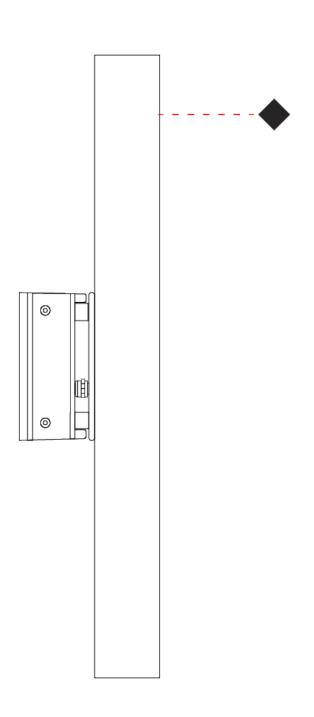
Certified By: Certified for North American Standards



E9W177-

PROJECT
TYPE

SPECIFIER
QUANTITY
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 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): 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 | |
|--------------------------------------|--|
| Max. Delivered Lumen (lm): 490 / 520 | |
| Nominal Lumen (lm): 840 / 870 | |
| CDI - 00 CDI | |

CRI: >80 CRI

Lamp Life (hrs): 60000

OPTICAL

Opticº: 12 / 40 / Elliptical

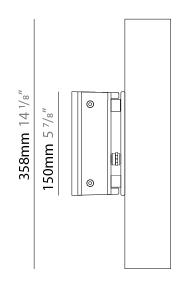
Adjustability: Tilt ±45°

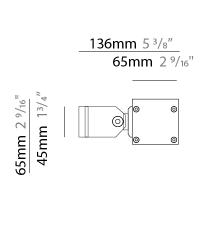
RATINGS AND CERTIFICATIONS

| RATINGS AND CERTIFICATIONS | |
|--|--|
| Certified By: Certified for North American Standards | |
| IP rating: IP65 | |
| IK Rating: IK07 | |
| Bug Rating: B1 U1 G0 | |

| PROJECT | | |
|-----------|--|--|
| ГҮРЕ | | |
| SPECIFIER | | |
| YTITNAUQ | | |
| DATE | | |





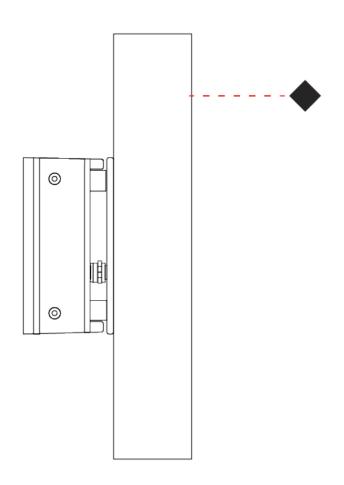






E9W189-

| PROJECT | |
|-----------|---|
| ТҮРЕ | _ |
| 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 | |

| odoberredi redia Emedi |
|--|
| 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 % 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

| Color Temperature (°K): 3000 / 4000 | |
|---------------------------------------|--|
| Max. Delivered Lumen (lm): 860 / 1020 | |

Nominal Lumen (lm): 1680 / 1740 CRI: >80 CRI

Lamp Life (hrs): 60000

OPTICAL

Number of LEDs: 12

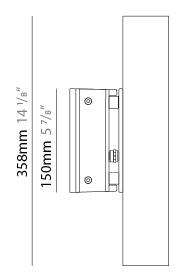
Opticº: 12 / 40 / Elliptical Adjustability: Tilt ±45°

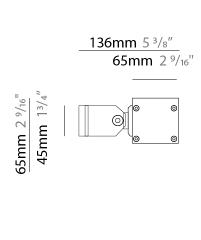
RATINGS AND CERTIFICATIONS

| 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 | | |





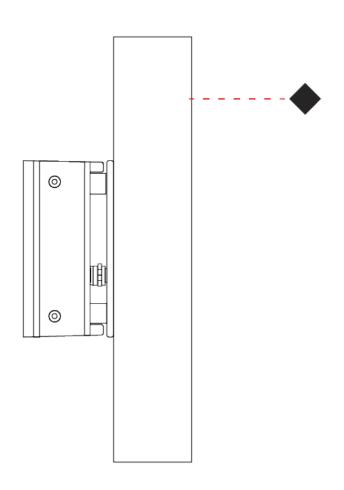






E9W201-

| PROJECT | |
|-----------|---|
| TYPE | _ |
| SPECIFIER | _ |
| QUANTITY | _ |
| DATE | |







| 9W215- | | _ | |
|--------|--------|------|-------------------|
| Color | Finish | Lens | |
| | Color | | Color Finish Lens |

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 | |

| Biana. Hatek |
|--|
| 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): 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

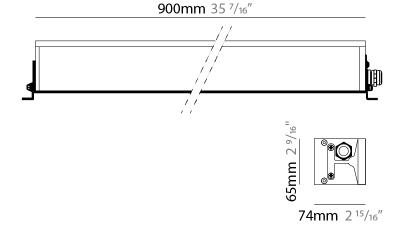
| Number of LEDs: 18 |
|--|
| Color Temperature (°K): 3000 / 4000 |
| Max. Delivered Lumen (lm): 1300 / 1600 |
| Nominal Lumen (lm): 2520 / 2610 |
| CRI: >80 CRI |
| Lamp Life (hrs): 60000 |
| OPTICAL |

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 | |
|-----------|--|
| ТҮРЕ | |
| SPECIFIER | |
| QUANTITY | |
| DATE | |





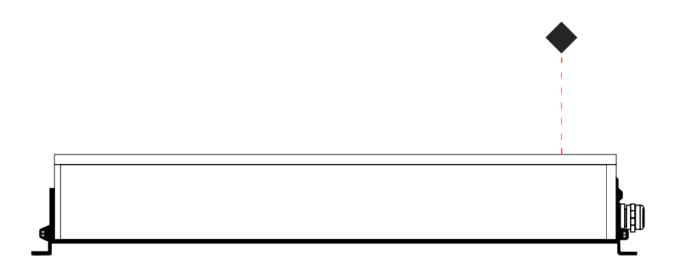


Page 9/16



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

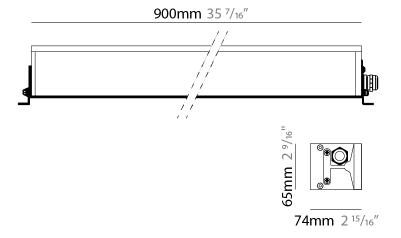
| Lamp Type: LED |
|---|
| Input Wattage (W): 47 |
| Total Output Wattage (W): 36 |
| Dimming: Non-Dimmable |
| Driver Included: Yes |
| Driver Location: Integrated |
| Driver Type: Constant Current - Universal |
| Driver Class: Class 2 |
| Input Voltage (V): 120 - 277 |
| Constant Current (MA): 350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

| 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 | |
| Ontic ⁰ : 12 / 26 / 40 / Elliptical | |

| Lamp Life (m3): 00000 |
|--|
| 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 |
| |





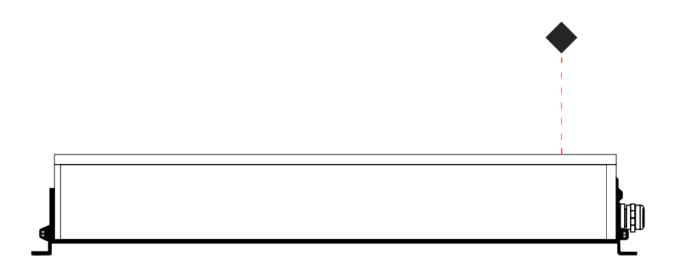






E9W231-

| PROJECT |
|-----------|
| ТУРЕ |
| SPECIFIER |
| QUANTITY |
| DATE |







| E9W263 | }- . | - | - | |
|-------------|--------------|---------|------|--|
| 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 | |

| 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 |
| |

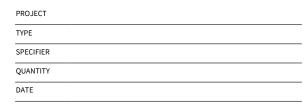
ELECTRICAL

| 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 |
| |

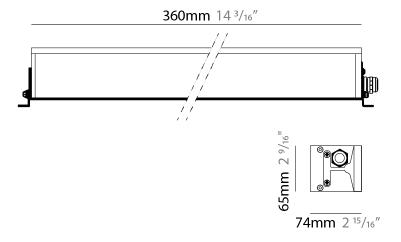
| Color Temperature (°K): 3000 / 4000 | |
|---------------------------------------|--|
| Max. Delivered Lumen (lm): 860 - 1070 | |
| Nominal Lumen (lm): 1680 / 1740 | |
| CRI: >80 CRI | |
| Lamp Life (hrs): 60000 | |
| OPTICAL | |

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 | |
| | |







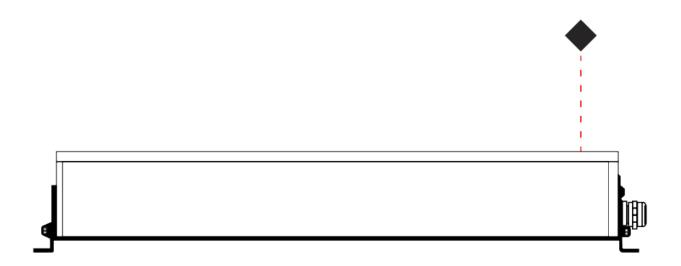


Page 13/16



E9W263-

| PROJECT | |
|-----------|--|
| ТҮРЕ | |
| SPECIFIER | |
| QUANTITY | |
| DATE | |







TETRA

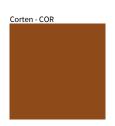
| PROJECT | | | |
|-----------|--|--|--|
| TYPE | | | |
| SPECIFIER | | | |
| QUANTITY | | | |
| DATE | | | |

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 |
|-----------|
| TYPE |
| SPECIFIER |
| QUANTITY |
| DATE |
| |

LEGEND

| 100 | | | | - | 1 1 1 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 |
|----------------------|--|----------|--|------------------|--|
| <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 | in the second | 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 |
| 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 |
| $\overline{\Lambda}$ | aura light distribution | 0 | shine ring | * | marine grade (AISI 316 stainless steel) |
| R | round wall or ceiling cut-out | \odot | integrated shine ring with diffuser | 30 | walk on |
| \Box | square wall or ceiling cut-out | | free individual colors 01-29 | ② | drive on |
| 4 | the supplied jig specifies the cutout dimensions | Ĉ | individual colors: 00 (free of charge), 01-25 (extra charge) | 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) |
| $\hat{\pm}$ | recessed depth | | luminaire part to be colored (F2) | | lamp protected against explosion |
| <u></u> | ceiling thickness in mm | | luminaire part to be colored (F3) | 4 | blown glass using traditional methods by master glass blower |
| 1 | ceiling thickness selection | | luminaire part to be colored (F4) | () | acoustic material |
| | dimmable DP (phase), DV (0-10V), DD (dali), DS (step-dim) | • | luminaire part to be colored (F5) | | protection class I, protection insulation |
| | included or excluded LED driver/transformer/ control gear | • | color of 3-circuit adaptor | | protection class II, protection insulation |
| 8 | separately switchable | \odot | indirect diffuser | | ETL Certified to UL and CSA Standards |
| • | sensor | 0 | direct diffuser | շ (Մ) սո | UL Certified to UL and CSA Standards |
| | remote control | 1 | ball-proof (upon request) | (II) | CSA Certified to UL and CSA Standards |
| 9 | available upon request | O | 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)

| | anaphotic (in the College of the Col |
|------|--|
| IK02 | protected against 0.2 joules impact (equivalent to 0.25kg mass dropped from 80mm above the surface) |
| ІКОЗ | protected against 0.35 joules impact (equivalent to 0.25kg mass dropped from 140mm above the surface) |
| IK04 | protected against 0.5 joules impact (equivalent to 0.25kg mass dropped from 200mm above the surface) |
| IK05 | protected against 0.7 joules impact (equivalent to 0.25kg mass dropped from 280mm above the surface) |
| IK06 | protected against 1 joules impact (equivalent to 0.25kg mass dropped from 400mm above the surface) |
| IK07 | protected against 2 joules impact (equivalent to 0.5kg mass dropped from 400mm above the surface) $$ |
| IKOB | protected against 5 joules impact (equivalent to 1.7kg mass dropped from 300mm above the surface) $$ |
| IK09 | protected against 10 joules impact (equivalent to 5.0kg mass dropped from 200mm above the surface) |

protected against 20 joules impact (equivalent to 5.0kg mass dropped from 400mm above the surface)

protected against 0.14 joules impact (equivalent to 0.25kg mass dropped from 56mm