

## TRIS POST

### E9B027-

base number                                      
 Color            Temperature    Finish            Options

- To build a product code in our configurator select the specify button on the base model # product page
- 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: Tris  
 Brand: Platek  
 Division: Exterior  
 Mounting Type: Post  
 Mounting Location: Above Ground  
 Subcategory: Bollard

#### PHYSICAL

Shape: Cylinder  
 Diameter (mm): 160  
 Diameter (in): 6 5/16  
 Height (mm): 900  
 Height (in): 35 7/16  
 Light Distribution: Omnidirectional  
 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): 21  
 Total Output Wattage (W): 17  
 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): 500  
 Upon Request: [IP65 or higher enclosure to be supplied by others]  
 Remote: 0-10Vdc dimming

#### LED

Number of LEDs: 1  
 Color Temperature (°K): [3000](#) / [4000](#)  
 Max. Delivered Lumen (lm): 2070 / 2150  
 Nominal Lumen (lm): 2600 / 2705  
 CRI: >80 CRI  
 Lamp Life (hrs): 60000

#### OPTICAL

#### RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards  
 IP rating: IP66  
 IK Rating: IK10  
 Bug Rating: B1 U0 G1



## TRIS POST

E9B027-

PROJECT \_\_\_\_\_

TYPE \_\_\_\_\_

SPECIFIER \_\_\_\_\_

QUANTITY \_\_\_\_\_

DATE \_\_\_\_\_



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

## TRIS POST

### E9B028-

base number                              
 Color            Finish  
 Temperature    Options

- To build a product code in our configurator select the specify button on the base model # product page
- 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: Tris  
 Brand: Platek  
 Division: Exterior  
 Mounting Type: Post  
 Mounting Location: Above Ground  
 Subcategory: Bollard

#### PHYSICAL

Shape: Cylinder  
 Diameter (mm): 160  
 Diameter (in): 6 5/16  
 Height (mm): 1800  
 Height (in): 70 7/8  
 Light Distribution: Omnidirectional  
 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): 30  
 Total Output Wattage (W): 26  
 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): 1050  
 Upon Request: (Not included - see components [IP65 or higher enclosure to be supplied by others]) Remote: 0-10Vdc dimming

#### LED

Number of LEDs: 1  
 Color Temperature (°K): [3000](#) / [4000](#)  
 Max. Delivered Lumen (lm): 2880 / 2995  
 Nominal Lumen (lm): 3685 / 3830  
 CRI: >80 CRI  
 Lamp Life (hrs): 60000

#### OPTICAL

#### RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards  
 IP rating: IP66  
 IK Rating: IK10  
 Bug Rating: B1 U0 G1



## TRIS POST

E9B028-

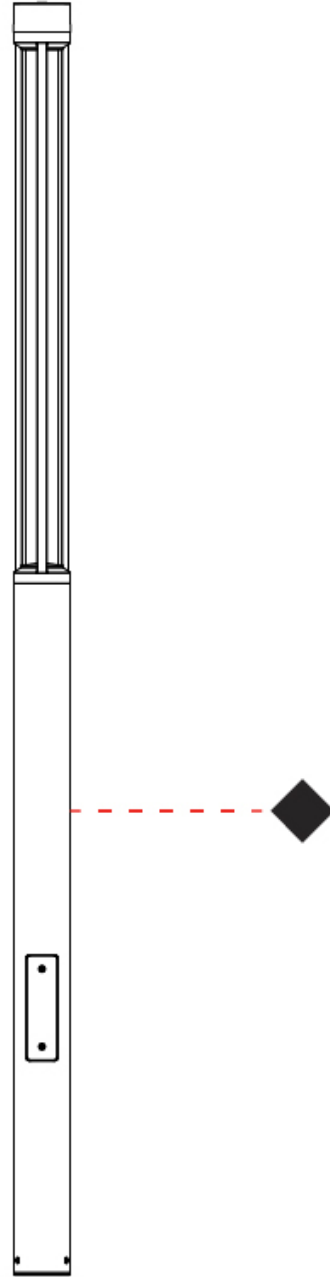
PROJECT \_\_\_\_\_

TYPE \_\_\_\_\_

SPECIFIER \_\_\_\_\_

QUANTITY \_\_\_\_\_

DATE \_\_\_\_\_



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## TRIS POST

### E9B029-

base number      Color      Finish  
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: Tris  
Brand: Platek  
Division: Exterior  
Mounting Type: Post  
Mounting Location: Above Ground  
Subcategory: Pedestrian

#### PHYSICAL

Shape: Cylinder  
Diameter (mm): 160  
Diameter (in): 6 <sup>5</sup>/<sub>16</sub>  
Height (mm): 3600  
Height (in): 141 <sup>3</sup>/<sub>4</sub>  
Light Distribution: Omnidirectional  
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): 45  
Total Output Wattage (W): 41  
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): 1050  
Upon Request: (Not included - see components [IP65 or higher enclosure to be supplied by others]) Remote: 0-10Vdc dimming

#### LED

Number of LEDs: 1  
Color Temperature (°K): [3000](#) / [4000](#)  
Max. Delivered Lumen (lm): 3820 / 3970  
Nominal Lumen (lm): 4900 / 5145  
CRI: >80 CRI  
Lamp Life (hrs): 60000

#### OPTICAL

#### RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards  
IP rating: IP66  
IK Rating: IK10  
Bug Rating: B2 U0 G1



## TRIS POST

E9B029-

PROJECT \_\_\_\_\_

TYPE \_\_\_\_\_

SPECIFIER \_\_\_\_\_

QUANTITY \_\_\_\_\_

DATE \_\_\_\_\_



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| PROJECT   |
| TYPE      |
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| DATE      |

## TRIS POST

### E9B030-

base number                                                  
 Color                      Finish  
 Temperature            Options

- To build a product code in our configurator select the specify button on the base model # product page
- 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: Tris  
 Brand: Platek  
 Division: Exterior  
 Mounting Type: Post  
 Mounting Location: Above Ground  
 Subcategory: Pedestrian

#### PHYSICAL

Shape: Cylinder  
 Diameter (mm): 160  
 Diameter (in): 6 <sup>5</sup>/<sub>16</sub>  
 Height (mm): 2600  
 Height (in): 102 <sup>3</sup>/<sub>8</sub>  
 Light Distribution: Omnidirectional  
 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): 45  
 Total Output Wattage (W): 41  
 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): 1050  
 Upon Request: Remote: 0-10Vdc dimming

#### LED

Number of LEDs: 1  
 Color Temperature (°K): [3000 / 4000](#)  
 Max. Delivered Lumen (lm): 3820 / 3970  
 Nominal Lumen (lm): 4900 / 5145  
 CRI: >80 CRI  
 Lamp Life (hrs): 60000

#### OPTICAL

#### RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards  
 IP rating: IP66  
 IK Rating: IK10  
 Bug Rating: B2 U0 G1



## TRIS POST

E9B030-

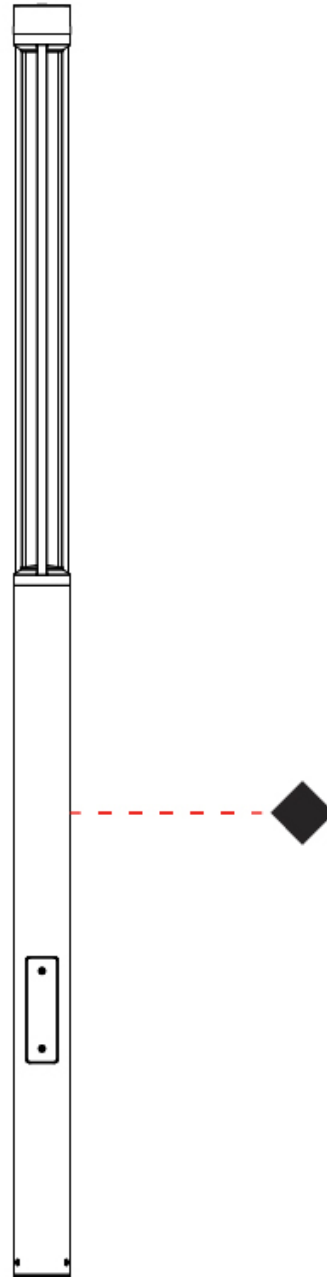
PROJECT \_\_\_\_\_

TYPE \_\_\_\_\_

SPECIFIER \_\_\_\_\_

QUANTITY \_\_\_\_\_

DATE \_\_\_\_\_





## TRIS COLOR FINISH CHART

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

### Fixture Finish

Black - BLK



White - WHI



Gray - GRY



Corten - COR



Anthracite - ANT



Bronze - BRZ



**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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| PROJECT   |  |
| TYPE      |  |
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| QUANTITY  |  |
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### LEGEND

|   |  |  |
|---|--|--|
| floor-mounted   | pivotable  | 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

|      |  |
|------|--|
| IP20 | protected against ingress of solid bodies greater than 12.5mm (finger)   |
| IP33 | protected against ingress of solid bodies greater than 2.5mm<br>protected against sprays of water up to 60 degrees from the vertical (rain)      |
| IP40 | protected against ingress of solid bodies greater than 1mm (wire)<br>no protection against the ingress of moisture                               |
| IP43 | protected against ingress of solid bodies greater than 1mm (wire)<br>protected against sprays of water up to 60 degrees from the vertical (rain) |
| IP44 | protected against ingress of solid bodies greater than 1mm (wire)<br>protected against water splashed from all directions                        |
| IP54 | protected against limited ingress of dust (wet rooms/covered outdoor areas)<br>protected against water splashed from all directions              |
| IP65 | protected against ingress of dust<br>protected against jets of water   |
| IP66 | protected against ingress of dust<br>protected against powerful jets of water or heavy seas  |
| IP67 | protected against ingress of dust<br>protected against immersion of water between 15cm - 1m for 30 minutes                                       |
| IP68 | protected against ingress of dust<br>protected against immersion of water under pressure for long periods  |

### IK RATING

|      |   |
|------|---|
| IK01 | protected against 0.14 joules impact (equivalent to 0.25kg mass dropped from 56mm above the surface)  |
| IK02 | protected against 0.2 joules impact (equivalent to 0.25kg mass dropped from 80mm 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)  |
| 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)     |
| IK08 | protected against 5 joules impact (equivalent to 1.7kg mass dropped from 300mm above the surface)     |
| IK09 | protected against 10 joules impact (equivalent to 5.0kg mass dropped from 200mm above the surface)    |
| IK10 | protected against 20 joules impact (equivalent to 5.0kg mass dropped from 400mm above the surface)    |