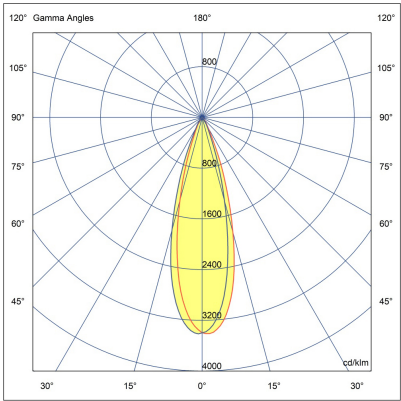
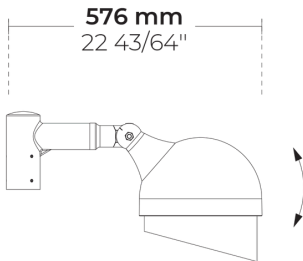


# RHINO Floodlight



LL2028.694-US-N-700-827



[N]

Narrow - NEMA Type 2

## Configuration

|                       |               |
|-----------------------|---------------|
| Light distribution    | [N] 26°       |
| Delivered lumens flux | 2456 lm       |
| Rated input power     | 27 W          |
| Color temperature     | 2700 K CRI 80 |
| Luminaire efficacy    | 94 lm/W       |
| Lamp                  | 3 LED         |
| Color Deviation       | 5 SDCM        |
| Lifetime L90 (hour)   | >72,600       |
| Lifetime L80 (hour)   | >72,600       |

## Options

## Technical information

|                          |                                                                                             |
|--------------------------|---------------------------------------------------------------------------------------------|
| Mounting                 | Direct pole or side bracket mountable. Tenon: Ø2 1/4" x 4"                                  |
| Tilt angle               | +70°/-30°                                                                                   |
| Housing                  | Corrosion resistant, die-cast, marine grade aluminum housing                                |
| Finishing                | Chromate conversion pretreatment followed by electrostatic powder coating                   |
| Fasteners                | Stainless steel (AISI 304 / EN 1.4301 grade)                                                |
| Gasket                   | Liquid silicone                                                                             |
| Lens / Reflector         | High reflectance aluminium coating [S] [N], PMMA lens with high optical efficiency [MN] [M] |
| Glass / Diffusor         | Tempered safety glass                                                                       |
| Impact protection        | IK08                                                                                        |
| Ingress protection       | IP66                                                                                        |
| Input voltage            | 120-277V 50/60Hz                                                                            |
| Insulation class         | Class I                                                                                     |
| Wind catching area (EPA) | 0.66 ft²                                                                                    |
| Weight                   | 15.7 lbs                                                                                    |
| LED module               | Multi-chip high power LEDs on metal-core PCB                                                |
| Driver                   | Internal LED driver                                                                         |
| Driver surge protection  | 6/6 kV                                                                                      |
| Power factor             | > 0.95                                                                                      |
| Through wiring           | Single power cord entry                                                                     |
| Operating temperature    | -40...50°C                                                                                  |
| Power cord               | 20" of outdoor use rated flexible power cord                                                |
| Notes                    | LED modules and all electrical components have IP66 protection class.                       |

Poles (To be ordered separately)

Round tapered aluminum poles with base plate

|  | Product code | Height                     | Diameter / Dimensions | Spigot / End diameter |
|-----------------------------------------------------------------------------------|--------------|----------------------------|-----------------------|-----------------------|
|                                                                                   | PAFK.D114    | 10', 13.1', 16.4'          | Ø4 1/2"               | Ø2 3/8", Ø3"          |
|                                                                                   | PAFK.D122    | 13.1', 16.4', 19.7'        | Ø5"                   | Ø2 3/8", Ø3"          |
|                                                                                   | PAFK.D148    | 19.7', 23.0', 26.2'        | Ø6"                   | Ø2 3/8", Ø3"          |
|                                                                                   | PAFK.D165    | 19.7', 23.0', 26.2', 29.5' | Ø6 1/2"               | Ø3 1/2", Ø3"          |
|                                                                                   | PAFK.D180    | 26.2', 29.5', 32.8'        | Ø7"                   | Ø3 1/2", Ø3"          |
|                                                                                   | PAFK.D200    | 32.8', 36.1', 39.4'        | Ø7 7/8"               | Ø3 1/2", Ø3"          |

Round tapered aluminum poles (direct burial)

|  | Product code | Height                     | Diameter / Dimensions | Spigot / End diameter |
|-----------------------------------------------------------------------------------|--------------|----------------------------|-----------------------|-----------------------|
|                                                                                   | PABK.D114    | 10', 13.1', 16.4'          | Ø4 1/2"               | Ø2 3/8", Ø3"          |
|                                                                                   | PABK.D122    | 13.1', 16.4', 19.7', 23.0' | Ø5"                   | Ø2 3/8", Ø3"          |
|                                                                                   | PABK.D148    | 19.7', 23.0', 26.2'        | Ø6"                   | Ø2 3/8", Ø3"          |
|                                                                                   | PABK.D165    | 19.7', 23.0', 26.2', 29.5' | Ø6 1/2"               | Ø3 1/2", Ø3"          |
|                                                                                   | PABK.D180    | 26.2', 29.5', 32.8'        | Ø7"                   | Ø3 1/2", Ø3"          |
|                                                                                   | PABK.D200    | 32.8', 36.1', 39.4'        | Ø7 7/8"               | Ø3 1/2", Ø3"          |

Round cylindrical aluminum poles with base plate

|  | Product code | Height                     | Diameter / Dimensions | Spigot / End diameter |
|-----------------------------------------------------------------------------------|--------------|----------------------------|-----------------------|-----------------------|
|                                                                                   | PAFC.D114    | 10', 13.1', 16.4'          | Ø4 1/2"               | Ø4 1/2"               |
|                                                                                   | PAFC.D122    | 10', 13.1', 16.4', 19.7'   | Ø5"                   | Ø4 51/64"             |
|                                                                                   | PAFC.D148    | 19.7', 23.0', 26.2'        | Ø6"                   | Ø5 7/8"               |
|                                                                                   | PAFC.D165    | 19.7', 23.0', 26.2', 29.5' | Ø6 1/2"               | Ø6 1/2"               |

|                                           |  |      |  |      |  |          |  |
|-------------------------------------------|--|------|--|------|--|----------|--|
| Project name                              |  |      |  | Type |  | Quantity |  |
| Date                                      |  | Note |  |      |  |          |  |
| LL2028.694-US-N-700-827-__-__-__-__-__-__ |  |      |  |      |  |          |  |

| Light distribution                                                                                                                                                                            | Rated input power    | Color temperature             | Control                  | Product colors                                                                                                                            |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|-------------------------------|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>[N]</b><br>Narrow - NEMA Type 2 - 26°<br><br><b>[S]</b><br>Spot - NEMA Type 0 - 7°<br><br><b>[MN]</b><br>Medium narrow - NEMA Type 3 - 42°<br><br><b>[M]</b><br>Medium - NEMA Type 4 - 60° | <b>[700]</b><br>27 W | <b>[827]</b><br>2700 K CRI 80 | <b>[ONOFF]</b><br>On/Off | <b>[HM1]</b><br>Black                                  |
|                                                                                                                                                                                               | <b>[500]</b><br>19 W | <b>[830]</b><br>3000 K CRI 80 | <b>[0-10V]</b><br>0-10V  | <b>[HM2]</b><br>Dark gray                              |
|                                                                                                                                                                                               | <b>[350]</b><br>14 W | <b>[840]</b><br>4000 K CRI 80 |                          | <b>[HM3]</b><br>Anthracite gray                        |
|                                                                                                                                                                                               |                      |                               |                          | <b>[HM4]</b><br>Light gray                             |
|                                                                                                                                                                                               |                      |                               |                          | <b>[HM5]</b><br>White                                  |
|                                                                                                                                                                                               |                      |                               |                          | <b>[HM6]</b><br>Bronze                                 |
|                                                                                                                                                                                               |                      |                               |                          | <b>[CC]</b> <br>Custom color (Please specify RAL code) |
| <b>Extras</b>                                                                                                                                                                                 |                      |                               |                          |                                                                                                                                           |
| <b>External surge protection</b>                                                                                                                                                              |                      |                               |                          |                                                                                                                                           |
| <b>[SP10]</b><br>10 kV                                                                                                                                                                        |                      |                               |                          |                                                                                                                                           |
| <b>Mounting options</b>                                                                                                                                                                       |                      |                               |                          |                                                                                                                                           |
| <b>[DMBA]</b><br>Double side-mount bracket                                                                                                                                                    |                      |                               |                          |                                                                                                                                           |
| <b>[SMBA]</b><br>Side-mount bracket allowing +/-45° rotation                                                                                                                                  |                      |                               |                          |                                                                                                                                           |
| <b>[TMBA]</b><br>Top-mount bracket                                                                                                                                                            |                      |                               |                          |                                                                                                                                           |
| <b>Luminaire body options</b>                                                                                                                                                                 |                      |                               |                          |                                                                                                                                           |
| <b>[DPC]</b><br>Double powder coating                                                                                                                                                         |                      |                               |                          |                                                                                                                                           |