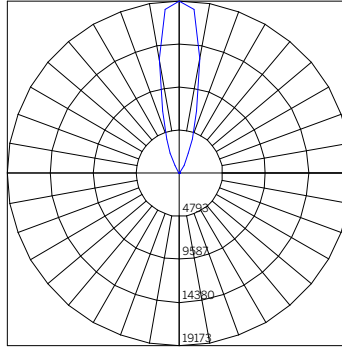


## PER-SWH-F-...-SP...

Delivered Lumens - Spot

|                                       |     | Size [Wattage] |
|---------------------------------------|-----|----------------|
|                                       |     | 30 [6.5 CC]    |
| CCT                                   | 27- | 584            |
|                                       | 30- | 626            |
|                                       | 40- | 676            |
| Polar Plot / Cone Of Light Multiplier |     |                |
|                                       |     | 30 [6.5 CC]    |
|                                       |     | 0.13           |



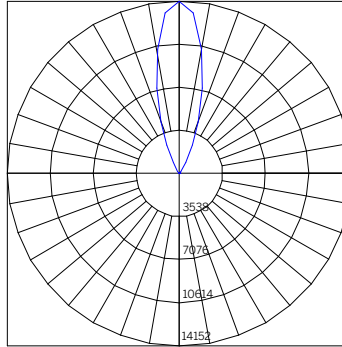
## CONE OF LIGHT - 50W 3000K Spot PER-SWH-F-64-50-ID-30-SP\*

| Throw Distance [Ft] | Illuminance [fc at max cd] | Beam Diameter [Ft] |
|---------------------|----------------------------|--------------------|
| 20                  | 48                         | 9.2                |
| 18                  | 59                         | 8.2                |
| 16                  | 75                         | 7.3                |
| 14                  | 98                         | 6.4                |
| 12                  | 133                        | 5.5                |
| 10                  | 192                        | 4.6                |
| 8                   | 300                        | 3.7                |
| 6                   | 533                        | 2.7                |
| 4                   | 1198                       | 1.8                |
| 2                   | 4794                       | 0.9                |

## PER-SWH-F-...-FL...

Delivered Lumens - Flood

|                                       |     | Size [Wattage] |
|---------------------------------------|-----|----------------|
|                                       |     | 30 [6.5 CC]    |
| CCT                                   | 27- | 558            |
|                                       | 30- | 598            |
|                                       | 40- | 646            |
| Polar Plot / Cone Of Light Multiplier |     |                |
|                                       |     | 30 [6.5 CC]    |
|                                       |     | -              |



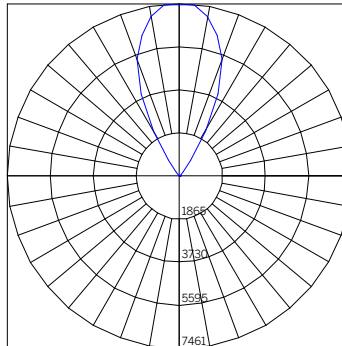
## CONE OF LIGHT - 50W 3000K Flood PER-SWH-F-64-50-ID-30-FL\*

| Throw Distance [Ft] | Illuminance [fc at max cd] | Beam Diameter [Ft] |
|---------------------|----------------------------|--------------------|
| 20                  | 35                         | 10.9               |
| 18                  | 44                         | 9.8                |
| 16                  | 55                         | 8.8                |
| 14                  | 72                         | 7.7                |
| 12                  | 98                         | 6.6                |
| 10                  | 142                        | 5.5                |
| 8                   | 221                        | 4.4                |
| 6                   | 393                        | 3.3                |
| 4                   | 885                        | 2.2                |
| 2                   | 3538                       | 1.1                |

## PER-SWH-F-...-WFL...

Delivered Lumens - Wide Flood

|                                       |     | Size [Wattage] |
|---------------------------------------|-----|----------------|
|                                       |     | 30 [6.5 CC]    |
| CCT                                   | 27- | 523            |
|                                       | 30- | 561            |
|                                       | 40- | 606            |
| Polar Plot / Cone Of Light Multiplier |     |                |
|                                       |     | 30 [6.5 CC]    |
|                                       |     | 0.11           |



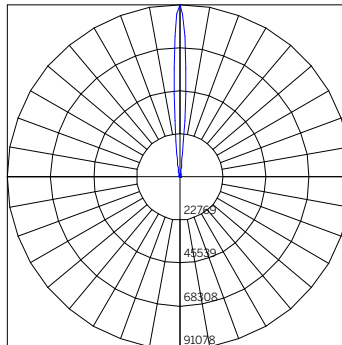
## CONE OF LIGHT - 50W 3000K Wide Flood PER-SWH-F-64-50-ID-30-WFL\*

| Throw Distance [Ft] | Illuminance [fc at max cd] | Beam Diameter [Ft] |
|---------------------|----------------------------|--------------------|
| 20                  | 19                         | 19.1               |
| 18                  | 23                         | 17.2               |
| 16                  | 29                         | 15.3               |
| 14                  | 38                         | 13.4               |
| 12                  | 52                         | 11.4               |
| 10                  | 74                         | 9.5                |
| 8                   | 116                        | 7.6                |
| 6                   | 206                        | 5.7                |
| 4                   | 464                        | 3.8                |
| 2                   | 1855                       | 1.9                |

## PER-SWH-NS-...-NSP...

Delivered Lumens - Wide Flood

|                                       |     | Size [Wattage] |
|---------------------------------------|-----|----------------|
|                                       |     | 30 [6.5 CC]    |
| CCT                                   | 27- | 588            |
|                                       | 30- | 588            |
|                                       | 40- | 636            |
| Polar Plot / Cone Of Light Multiplier |     |                |
|                                       |     | 30 [6.5 CC]    |
|                                       |     | 0.19           |



## CONE OF LIGHT - 6W 3000K Narrow Spot PER-SWH-NS-18-6-CC-30-NSP\*

| Throw Distance [Ft] | Illuminance [fc at max cd] | Beam Diameter [Ft] |
|---------------------|----------------------------|--------------------|
| 20                  | 228                        | 2.6                |
| 18                  | 281                        | 2.3                |
| 16                  | 356                        | 2.1                |
| 14                  | 465                        | 1.8                |
| 12                  | 632                        | 1.6                |
| 10                  | 911                        | 1.3                |
| 8                   | 1423                       | 1.0                |
| 6                   | 2530                       | 0.8                |
| 4                   | 5692                       | 0.5                |
| 2                   | 22770                      | 0.3                |

\*Polar Plot and Cone of Light are applicable to part number noted; use Multiplication Factor table to approximate other models or refer to online photometry.