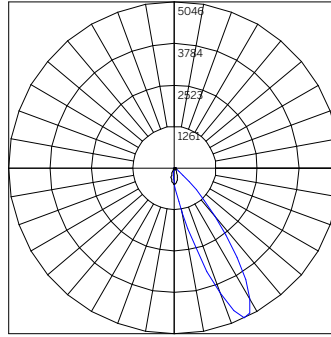


# Warp Asymmetric

## ROUND ASYMMETRIC

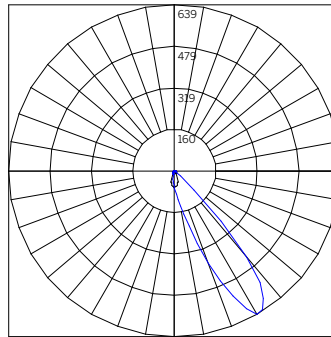
| WAR-RWH-AS-...-SP...                  |        |                    |           |            |            |
|---------------------------------------|--------|--------------------|-----------|------------|------------|
| Delivered Lumens -Spot                |        |                    |           |            |            |
|                                       |        | Diameter [Wattage] |           |            |            |
|                                       |        | 27 [3 CC]          | 43 [4 CC] | 45 [10 CC] | 51 [15 CC] |
| CCT                                   | 92-27- | -                  | 251       | 651        | 1113       |
|                                       | 92-30- | -                  | 269       | 700        | 1190       |
|                                       | 92-35- | -                  | 269       | 700        | 1190       |
|                                       | 92-40- | -                  | 290       | 750        | 1280       |
| Polar Plot / Cone Of Light Multiplier |        |                    |           |            |            |
|                                       |        | 27 [3 CC]          | 43 [4 CC] | 45 [10 CC] | 51 [15 CC] |
|                                       |        | -                  | 0.23      | 0.59       | 1.00       |



Beam Angle (0-180) = Asymmetric  
Beam Angle (90-270) = Asymmetric

| CONE OF LIGHT - 15W 3000K Spot<br>WAR-RWH-AS-51-15-CC-92-30-SP* |                            |                      |
|-----------------------------------------------------------------|----------------------------|----------------------|
| Mounting Height [Ft]                                            | Illuminance [fc at max cd] | Beam Diameter [Ft]** |
| 2                                                               | 1262                       | —                    |
| 4                                                               | 315                        | —                    |
| 6                                                               | 140                        | —                    |
| 8                                                               | 79                         | —                    |
| 10                                                              | 50                         | —                    |
| 12                                                              | 35                         | —                    |
| 14                                                              | 26                         | —                    |
| 16                                                              | 20                         | —                    |
| 18                                                              | 16                         | —                    |
| 20                                                              | 13                         | —                    |

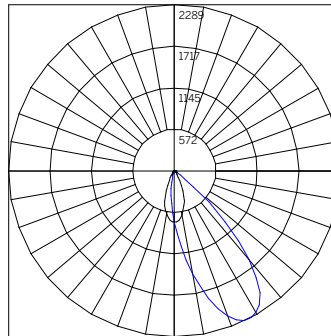
| WAR-RWH-AS-...-NFL...                 |        |                    |           |            |            |
|---------------------------------------|--------|--------------------|-----------|------------|------------|
| Delivered Lumens - Narrow Flood       |        |                    |           |            |            |
|                                       |        | Diameter [Wattage] |           |            |            |
|                                       |        | 27 [3 CC]          | 43 [4 CC] | 45 [10 CC] | 51 [15 CC] |
| CCT                                   | 92-27- | 143                | —         | —          | —          |
|                                       | 92-30- | 156                | —         | —          | —          |
|                                       | 92-35- | 156                | —         | —          | —          |
|                                       | 92-40- | 162                | —         | —          | —          |
| Polar Plot / Cone Of Light Multiplier |        |                    |           |            |            |
|                                       |        | 27 [3 CC]          | 43 [4 CC] | 45 [10 CC] | 51 [15 CC] |
|                                       |        | 1.00               | —         | —          | —          |



Beam Angle (0-180) = Asymmetric  
Beam Angle (90-270) = Asymmetric

| CONE OF LIGHT - 3W 3000K Narrow Flood<br>WAR-RWH-AS-27-3-CC-92-30-NFL* |                            |                      |
|------------------------------------------------------------------------|----------------------------|----------------------|
| Mounting Height [Ft]                                                   | Illuminance [fc at max cd] | Beam Diameter [Ft]** |
| 2                                                                      | 160                        | —                    |
| 4                                                                      | 40                         | —                    |
| 6                                                                      | 18                         | —                    |
| 8                                                                      | 10                         | —                    |
| 10                                                                     | 6                          | —                    |
| 12                                                                     | 4                          | —                    |
| 14                                                                     | 3                          | —                    |
| 16                                                                     | 2                          | —                    |
| 18                                                                     | 2                          | —                    |
| 20                                                                     | 2                          | —                    |

| WAR-RWH-AS-...-FL...                  |        |                    |           |            |            |
|---------------------------------------|--------|--------------------|-----------|------------|------------|
| Delivered Lumens - Flood              |        |                    |           |            |            |
|                                       |        | Diameter [Wattage] |           |            |            |
|                                       |        | 27 [3 CC]          | 43 [4 CC] | 45 [10 CC] | 51 [15 CC] |
| CCT                                   | 92-27- | 140                | 218       | 673        | 1007       |
|                                       | 92-30- | 153                | 233       | 725        | 1075       |
|                                       | 92-35- | 153                | 233       | 725        | 1075       |
|                                       | 92-40- | 159                | 251       | 777        | 1157       |
| Polar Plot / Cone Of Light Multiplier |        |                    |           |            |            |
|                                       |        | 27 [3 CC]          | 43 [4 CC] | 45 [10 CC] | 51 [15 CC] |
|                                       |        | 0.14               | 0.22      | 0.67       | 1.00       |



Beam Angle (0-180) = Asymmetric  
Beam Angle (90-270) = Asymmetric

| CONE OF LIGHT - 15W 3000K Flood<br>WAR-RWH-AS-51-15-CC-92-30-FL* |                            |                      |
|------------------------------------------------------------------|----------------------------|----------------------|
| Mounting Height [Ft]                                             | Illuminance [fc at max cd] | Beam Diameter [Ft]** |
| 2                                                                | 573                        | —                    |
| 4                                                                | 143                        | —                    |
| 6                                                                | 64                         | —                    |
| 8                                                                | 36                         | —                    |
| 10                                                               | 23                         | —                    |
| 12                                                               | 16                         | —                    |
| 14                                                               | 12                         | —                    |
| 16                                                               | 9                          | —                    |
| 18                                                               | 7                          | —                    |
| 20                                                               | 6                          | —                    |

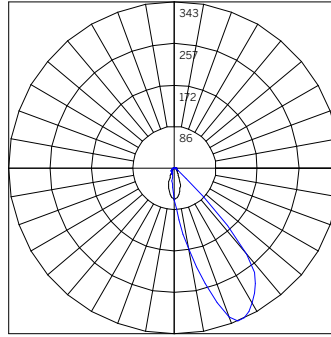
\*Polar Plot and Cone of Light are applicable to part number noted; use Multiplication Factor table to approximate other models or refer to online photometry.

\*\* Beam Diameter indicates on center spacing required to maintain Illuminance at Mounting Height.

# Warp Asymmetric

## ROUND ASYMMETRIC

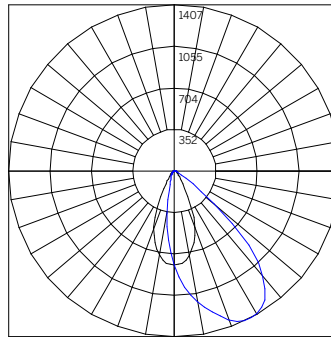
| WAR-RWH-AS-...-MWFL...                |        |                    |           |            |            |
|---------------------------------------|--------|--------------------|-----------|------------|------------|
| Delivered Lumens - Medium Wide Flood  |        |                    |           |            |            |
|                                       |        | Diameter [Wattage] |           |            |            |
|                                       |        | 27 [3 CC]          | 43 [4 CC] | 45 [10 CC] | 51 [15 CC] |
| CCT                                   | 92-27- | 126                | -         | -          | -          |
|                                       | 92-30- | 137                | -         | -          | -          |
|                                       | 92-35- | 137                | -         | -          | -          |
|                                       | 92-40- | 142                | -         | -          | -          |
| Polar Plot / Cone Of Light Multiplier |        |                    |           |            |            |
|                                       |        | 27 [3 CC]          | 43 [4 CC] | 45 [10 CC] | 51 [15 CC] |
|                                       |        | 1.00               | -         | -          | -          |



Beam Angle (0-180) = Asymmetric  
Beam Angle (90-270) = Asymmetric

| CONE OF LIGHT - 3W 3000K<br>Medium Wide Flood<br>WAR-RWH-AS-27-3-CC-92-30-MWFL* |                            |                      |
|---------------------------------------------------------------------------------|----------------------------|----------------------|
| Mounting Height [Ft]                                                            | Illuminance [fc at max cd] | Beam Diameter [Ft]** |
| 2                                                                               | 86                         | -                    |
| 4                                                                               | 22                         | -                    |
| 6                                                                               | 10                         | -                    |
| 8                                                                               | 5                          | -                    |
| 10                                                                              | 3                          | -                    |
| 12                                                                              | 2                          | -                    |
| 14                                                                              | 2                          | -                    |
| 16                                                                              | 1                          | -                    |
| 18                                                                              | 1                          | -                    |
| 20                                                                              | 1                          | -                    |

| WAR-RWH-AS-...-WFL...                 |        |                    |           |            |            |
|---------------------------------------|--------|--------------------|-----------|------------|------------|
| Delivered Lumens - Wide Flood         |        |                    |           |            |            |
|                                       |        | Diameter [Wattage] |           |            |            |
|                                       |        | 27 [3 CC]          | 43 [4 CC] | 45 [10 CC] | 51 [15 CC] |
| CCT                                   | 92-27- | -                  | 228       | 590        | 945        |
|                                       | 92-30- | -                  | 244       | 635        | 1012       |
|                                       | 92-35- | -                  | 244       | 635        | 1012       |
|                                       | 92-40- | -                  | 263       | 680        | 1087       |
| Polar Plot / Cone Of Light Multiplier |        |                    |           |            |            |
|                                       |        | 27 [3 CC]          | 43 [4 CC] | 45 [10 CC] | 51 [15 CC] |
|                                       |        | -                  | 0.24      | 0.63       | 1.00       |



Beam Angle (0-180) = Asymmetric  
Beam Angle (90-270) = Asymmetric

| CONE OF LIGHT - 15W 3000K Wide Flood<br>WAR-RWH-AS-51-15-CC-92-30-WFL* |                            |                      |
|------------------------------------------------------------------------|----------------------------|----------------------|
| Mounting Height [Ft]                                                   | Illuminance [fc at max cd] | Beam Diameter [Ft]** |
| 2                                                                      | 352                        | -                    |
| 4                                                                      | 88                         | -                    |
| 6                                                                      | 39                         | -                    |
| 8                                                                      | 22                         | -                    |
| 10                                                                     | 14                         | -                    |
| 12                                                                     | 10                         | -                    |
| 14                                                                     | 7                          | -                    |
| 16                                                                     | 6                          | -                    |
| 18                                                                     | 4                          | -                    |
| 20                                                                     | 4                          | -                    |

\*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.

\*\* Beam Diameter indicates on center spacing required to maintain Illuminance at Mounting Height.

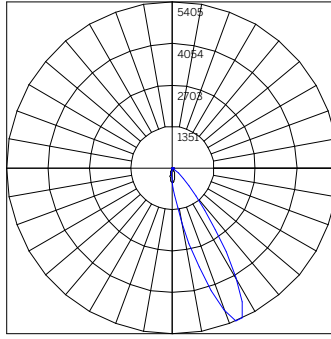
# Warp Asymmetric

## ROUND ASYMMETRIC HONEYCOMB

### WAR-RWH-ASHC-...-SP...

Delivered Lumens - Spot

|     |        | Diameter [Wattage]                    |           |            |            |
|-----|--------|---------------------------------------|-----------|------------|------------|
|     |        | 27 [3 CC]                             | 43 [4 CC] | 45 [10 CC] | 51 [15 CC] |
| CCT | 92-27- | —                                     | 190       | 404        | 973        |
|     | 92-30- | —                                     | 203       | 435        | 1042       |
|     | 92-35- | —                                     | 203       | 435        | 1042       |
|     | 92-40- | —                                     | 219       | 467        | 1122       |
|     |        | Polar Plot / Cone Of Light Multiplier |           |            |            |
|     |        | 27 [3 CC]                             | 43 [4 CC] | 45 [10 CC] | 51 [15 CC] |
|     |        | —                                     | 0.19      | 0.42       | 1.00       |



Beam Angle (0-180) = Asymmetric  
Beam Angle (90-270) = Asymmetric

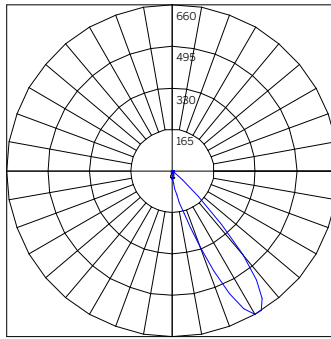
### CONE OF LIGHT - 15W 3000K Spot WAR-RWH-ASHC-51-15-CC-92-30-SP\*

| Mounting Height [Ft] | Illuminance [fc at max cd] | Beam Diameter [Ft]** |
|----------------------|----------------------------|----------------------|
| 2                    | 1352                       | —                    |
| 4                    | 338                        | —                    |
| 6                    | 150                        | —                    |
| 8                    | 84                         | —                    |
| 10                   | 54                         | —                    |
| 12                   | 38                         | —                    |
| 14                   | 28                         | —                    |
| 16                   | 21                         | —                    |
| 18                   | 17                         | —                    |
| 20                   | 14                         | —                    |

### WAR-RWH-ASHC-...-NFL...

Delivered Lumens - Narrow Flood

|     |        | Diameter [Wattage]                    |           |            |            |
|-----|--------|---------------------------------------|-----------|------------|------------|
|     |        | 27 [3 CC]                             | 43 [4 CC] | 45 [10 CC] | 51 [15 CC] |
| CCT | 92-27- | 116                                   | —         | —          | —          |
|     | 92-30- | 126                                   | —         | —          | —          |
|     | 92-35- | 126                                   | —         | —          | —          |
|     | 92-40- | 131                                   | —         | —          | —          |
|     |        | Polar Plot / Cone Of Light Multiplier |           |            |            |
|     |        | 27 [3 CC]                             | 43 [4 CC] | 45 [10 CC] | 51 [15 CC] |
|     |        | 1.00                                  | —         | —          | —          |



Beam Angle (0-180) = Asymmetric  
Beam Angle (90-270) = Asymmetric

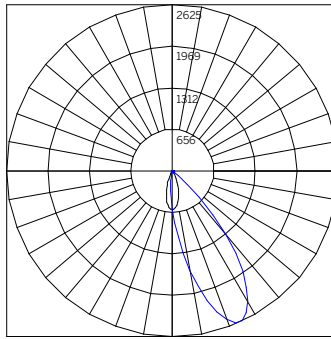
### CONE OF LIGHT - 3W 3000K Narrow Flood WAR-RWH-ASHC-27-3-CC-92-30-NFL\*

| Mounting Height [Ft] | Illuminance [fc at max cd] | Beam Diameter [Ft]** |
|----------------------|----------------------------|----------------------|
| 2                    | 165                        | —                    |
| 4                    | 41                         | —                    |
| 6                    | 18                         | —                    |
| 8                    | 10                         | —                    |
| 10                   | 7                          | —                    |
| 12                   | 5                          | —                    |
| 14                   | 3                          | —                    |
| 16                   | 3                          | —                    |
| 18                   | 2                          | —                    |
| 20                   | 2                          | —                    |

### WAR-RWH-ASHC-...-FL...

Delivered Lumens - Flood

|     |        | Diameter [Wattage]                    |           |            |            |
|-----|--------|---------------------------------------|-----------|------------|------------|
|     |        | 27 [3 CC]                             | 43 [4 CC] | 45 [10 CC] | 51 [15 CC] |
| CCT | 92-27- | 127                                   | 139       | 470        | 848        |
|     | 92-30- | 139                                   | 149       | 507        | 908        |
|     | 92-35- | 139                                   | 149       | 507        | 908        |
|     | 92-40- | 144                                   | 160       | 543        | 977        |
|     |        | Polar Plot / Cone Of Light Multiplier |           |            |            |
|     |        | 27 [3 CC]                             | 43 [4 CC] | 45 [10 CC] | 51 [15 CC] |
|     |        | 0.15                                  | 0.16      | 0.56       | 1.00       |



Beam Angle (0-180) = Asymmetric  
Beam Angle (90-270) = Asymmetric

### CONE OF LIGHT - 15W 3000K Flood WAR-RWH-ASHC-51-15-CC-92-30-FL\*

| Mounting Height [Ft] | Illuminance [fc at max cd] | Beam Diameter [Ft]** |
|----------------------|----------------------------|----------------------|
| 2                    | 656                        | —                    |
| 4                    | 164                        | —                    |
| 6                    | 73                         | —                    |
| 8                    | 41                         | —                    |
| 10                   | 26                         | —                    |
| 12                   | 18                         | —                    |
| 14                   | 13                         | —                    |
| 16                   | 10                         | —                    |
| 18                   | 8                          | —                    |
| 20                   | 7                          | —                    |

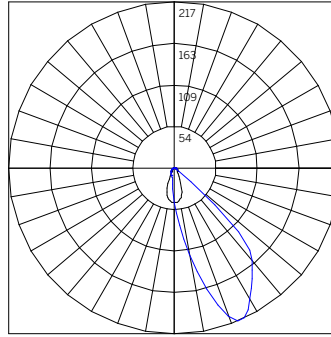
\*Polar Plot and Cone of Light are applicable to part number noted; use Multiplication Factor table to approximate other models or refer to online photometry.

\*\* Beam Diameter indicates on center spacing required to maintain Illuminance at Mounting Height.

# Warp Asymmetric

## ROUND ASYMMETRIC HONEYCOMB

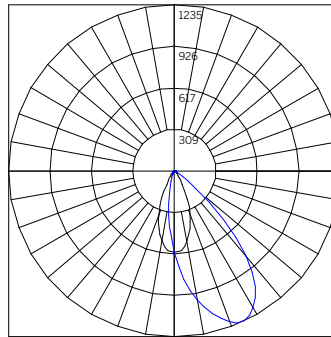
| WAR-RWH-ASHC-...-MWFL...              |        |                    |           |            |            |
|---------------------------------------|--------|--------------------|-----------|------------|------------|
| Delivered Lumens - Medium Wide Flood  |        |                    |           |            |            |
|                                       |        | Diameter [Wattage] |           |            |            |
|                                       |        | 27 [3 CC]          | 43 [4 CC] | 45 [10 CC] | 51 [15 CC] |
| CCT                                   | 92-27- | 93                 | —         | —          | —          |
|                                       | 92-30- | 102                | —         | —          | —          |
|                                       | 92-35- | 102                | —         | —          | —          |
|                                       | 92-40- | 106                | —         | —          | —          |
| Polar Plot / Cone Of Light Multiplier |        |                    |           |            |            |
|                                       |        | 27 [3 CC]          | 43 [4 CC] | 45 [10 CC] | 51 [15 CC] |
|                                       |        | 1.00               | —         | —          | —          |



Beam Angle (0-180) = Asymmetric  
Beam Angle (90-270) = Asymmetric

| CONE OF LIGHT - 3W 3000K<br>Medium Wide Flood<br>WAR-RWH-ASHC-51-15-CC-92-30-SP* |                            |                      |
|----------------------------------------------------------------------------------|----------------------------|----------------------|
| Mounting Height [Ft]                                                             | Illuminance [fc at max cd] | Beam Diameter [Ft]** |
| 2                                                                                | 55                         | —                    |
| 4                                                                                | 14                         | —                    |
| 6                                                                                | 6                          | —                    |
| 8                                                                                | 3                          | —                    |
| 10                                                                               | 2                          | —                    |
| 12                                                                               | 2                          | —                    |
| 14                                                                               | 1                          | —                    |
| 16                                                                               | 1                          | —                    |
| 18                                                                               | 1                          | —                    |
| 20                                                                               | 1                          | —                    |

| WAR-RWH-ASHC-...-WFL...               |        |                    |           |            |            |
|---------------------------------------|--------|--------------------|-----------|------------|------------|
| Delivered Lumens - Wide Flood         |        |                    |           |            |            |
|                                       |        | Diameter [Wattage] |           |            |            |
|                                       |        | 27 [3 CC]          | 43 [4 CC] | 45 [10 CC] | 51 [15 CC] |
| CCT                                   | 92-27- | —                  | 150       | 359        | 662        |
|                                       | 92-30- | —                  | 160       | 387        | 709        |
|                                       | 92-35- | —                  | 160       | 387        | 709        |
|                                       | 92-40- | —                  | 173       | 415        | 763        |
| Polar Plot / Cone Of Light Multiplier |        |                    |           |            |            |
|                                       |        | 27 [3 CC]          | 43 [4 CC] | 45 [10 CC] | 51 [15 CC] |
|                                       |        | —                  | 0.23      | 0.55       | 1.00       |



Beam Angle (0-180) = Asymmetric  
Beam Angle (90-270) = Asymmetric

| CONE OF LIGHT - 15W 3000K Wide Flood<br>WAR-RWH-ASHC-51-15-CC-92-30-WFL* |                            |                      |
|--------------------------------------------------------------------------|----------------------------|----------------------|
| Mounting Height [Ft]                                                     | Illuminance [fc at max cd] | Beam Diameter [Ft]** |
| 2                                                                        | 309                        | —                    |
| 4                                                                        | 77                         | —                    |
| 6                                                                        | 34                         | —                    |
| 8                                                                        | 19                         | —                    |
| 10                                                                       | 12                         | —                    |
| 12                                                                       | 9                          | —                    |
| 14                                                                       | 6                          | —                    |
| 16                                                                       | 5                          | —                    |
| 18                                                                       | 4                          | —                    |
| 20                                                                       | 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.

\*\* Beam Diameter indicates on center spacing required to maintain Illuminance at Mounting Height.

**inter•lux**

10

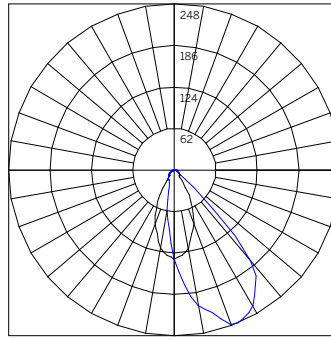
# Warp Asymmetric

## SQUARE ASYMMETRIC

### WAR-SWH-AS-...-MWFL...

Delivered Lumens - Medium Wide Flood

|     |        | Diameter [Wattage]                    |           |            |            |
|-----|--------|---------------------------------------|-----------|------------|------------|
|     |        | 20 [3 CC]                             | 20 [4 CC] | 28 [10 CC] | 39 [15 CC] |
| CCT | 92-27- | 167                                   | —         | —          | —          |
|     | 92-30- | 182                                   | —         | —          | —          |
|     | 92-35- | 182                                   | —         | —          | —          |
|     | 92-40- | 190                                   | —         | —          | —          |
|     |        | Polar Plot / Cone Of Light Multiplier |           |            |            |
|     |        | 20 [3 CC]                             | 20 [4 CC] | 28 [10 CC] | 39 [15 CC] |
|     |        | 1.00                                  | —         | —          | —          |



Beam Angle (0-180) = Asymmetric  
Beam Angle (90-270) = Asymmetric

### CONE OF LIGHT - 3W 3000K

Medium Wide Flood

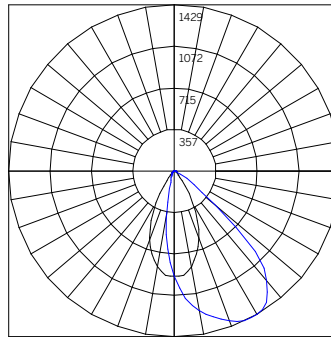
WAR-SWH-AS-20-3-CC-92-30-MWFL\*

| Mounting Height [Ft] | Illuminance [fc at max cd] | Beam Diameter [Ft]** |
|----------------------|----------------------------|----------------------|
| 2                    | 62                         | —                    |
| 4                    | 16                         | —                    |
| 6                    | 7                          | —                    |
| 8                    | 4                          | —                    |
| 10                   | 2                          | —                    |
| 12                   | 2                          | —                    |
| 14                   | 1                          | —                    |
| 16                   | 1                          | —                    |
| 18                   | 1                          | —                    |
| 20                   | 1                          | —                    |

### WAR-SWH-AS-...-WFL...

Delivered Lumens - Wide Flood

|     |        | Diameter [Wattage]                    |           |            |            |
|-----|--------|---------------------------------------|-----------|------------|------------|
|     |        | 20 [3 CC]                             | 20 [4 CC] | 28 [10 CC] | 39 [15 CC] |
| CCT | 92-27- | —                                     | 250       | 594        | 1082       |
|     | 92-30- | —                                     | 267       | 638        | 1157       |
|     | 92-35- | —                                     | 267       | 638        | 1157       |
|     | 92-40- | —                                     | 288       | 684        | 1245       |
|     |        | Polar Plot / Cone Of Light Multiplier |           |            |            |
|     |        | 20 [3 CC]                             | 20 [4 CC] | 28 [10 CC] | 39 [15 CC] |
|     |        | —                                     | 0.23      | 0.55       | 1.00       |



Beam Angle (0-180) = Asymmetric  
Beam Angle (90-270) = Asymmetric

### CONE OF LIGHT - 15W 3000K Wide Flood

WAR-SWH-AS-39-15-CC-92-30-WFL\*

| Mounting Height [Ft] | Illuminance [fc at max cd] | Beam Diameter [Ft]** |
|----------------------|----------------------------|----------------------|
| 2                    | 358                        | —                    |
| 4                    | 89                         | —                    |
| 6                    | 40                         | —                    |
| 8                    | 22                         | —                    |
| 10                   | 14                         | —                    |
| 12                   | 10                         | —                    |
| 14                   | 7                          | —                    |
| 16                   | 6                          | —                    |
| 18                   | 4                          | —                    |
| 20                   | 4                          | —                    |

\*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.

\*\* Beam Diameter indicates on center spacing required to maintain Illuminance at Mounting Height.

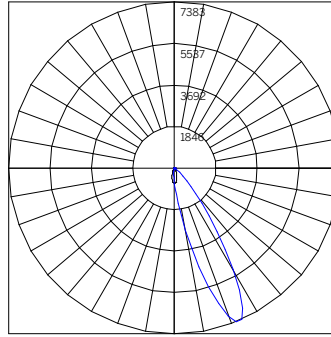
# Warp Asymmetric

## SQUARE ASYMMETRIC HONEYCOMB

### WAR-SWH-ASHC-...-SP...

Delivered Lumens - Spot

|     |        | Diameter [Wattage]                    |           |            |            |
|-----|--------|---------------------------------------|-----------|------------|------------|
|     |        | 27 [3 CC]                             | 43 [4 CC] | 45 [10 CC] | 51 [15 CC] |
| CCT | 92-27- | —                                     | 190       | 404        | 973        |
|     | 92-30- | —                                     | 203       | 435        | 1042       |
|     | 92-35- | —                                     | 203       | 435        | 1042       |
|     | 92-40- | —                                     | 219       | 467        | 1122       |
|     |        | Polar Plot / Cone Of Light Multiplier |           |            |            |
|     |        | 27 [3 CC]                             | 43 [4 CC] | 45 [10 CC] | 51 [15 CC] |
|     |        | —                                     | 0.19      | 0.42       | 1.00       |



Beam Angle (0-180) = Asymmetric  
Beam Angle (90-270) = Asymmetric

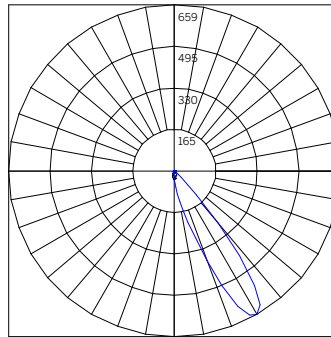
### CONE OF LIGHT - 15W 3000K Spot WAR-RWH-ASHC-51-15-CC-92-30-SP\*

| Mounting Height [Ft] | Illuminance [fc at max cd] | Beam Diameter [Ft]** |
|----------------------|----------------------------|----------------------|
| 2                    | 1352                       | —                    |
| 4                    | 338                        | —                    |
| 6                    | 150                        | —                    |
| 8                    | 84                         | —                    |
| 10                   | 54                         | —                    |
| 12                   | 38                         | —                    |
| 14                   | 28                         | —                    |
| 16                   | 21                         | —                    |
| 18                   | 17                         | —                    |
| 20                   | 14                         | —                    |

### WAR-RWH-ASHC-...-NFL...

Delivered Lumens - Narrow Flood

|     |        | Diameter [Wattage]                    |           |            |            |
|-----|--------|---------------------------------------|-----------|------------|------------|
|     |        | 27 [3 CC]                             | 43 [4 CC] | 45 [10 CC] | 51 [15 CC] |
| CCT | 92-27- | 116                                   | —         | —          | —          |
|     | 92-30- | 126                                   | —         | —          | —          |
|     | 92-35- | 126                                   | —         | —          | —          |
|     | 92-40- | 131                                   | —         | —          | —          |
|     |        | Polar Plot / Cone Of Light Multiplier |           |            |            |
|     |        | 27 [3 CC]                             | 43 [4 CC] | 45 [10 CC] | 51 [15 CC] |
|     |        | 1.00                                  | —         | —          | —          |



Beam Angle (0-180) = Asymmetric  
Beam Angle (90-270) = Asymmetric

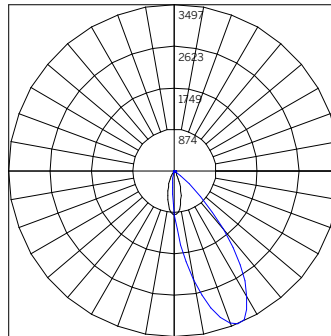
### CONE OF LIGHT - 3W 3000K Narrow Flood WAR-RWH-ASHC-27-3-CC-92-30-NFL\*

| Mounting Height [Ft] | Illuminance [fc at max cd] | Beam Diameter [Ft]** |
|----------------------|----------------------------|----------------------|
| 2                    | 165                        | —                    |
| 4                    | 41                         | —                    |
| 6                    | 18                         | —                    |
| 8                    | 10                         | —                    |
| 10                   | 7                          | —                    |
| 12                   | 5                          | —                    |
| 14                   | 3                          | —                    |
| 16                   | 3                          | —                    |
| 18                   | 2                          | —                    |
| 20                   | 2                          | —                    |

### WAR-RWH-ASHC-...-FL...

Delivered Lumens - Flood

|     |        | Diameter [Wattage]                    |           |            |            |
|-----|--------|---------------------------------------|-----------|------------|------------|
|     |        | 27 [3 CC]                             | 43 [4 CC] | 45 [10 CC] | 51 [15 CC] |
| CCT | 92-27- | 127                                   | 139       | 470        | 848        |
|     | 92-30- | 139                                   | 149       | 507        | 908        |
|     | 92-35- | 139                                   | 149       | 507        | 908        |
|     | 92-40- | 144                                   | 160       | 543        | 977        |
|     |        | Polar Plot / Cone Of Light Multiplier |           |            |            |
|     |        | 27 [3 CC]                             | 43 [4 CC] | 45 [10 CC] | 51 [15 CC] |
|     |        | 0.15                                  | 0.16      | 0.56       | 1.00       |



Beam Angle (0-180) = Asymmetric  
Beam Angle (90-270) = Asymmetric

### CONE OF LIGHT - 15W 3000K Flood WAR-RWH-ASHC-51-15-CC-92-30-FL\*

| Mounting Height [Ft] | Illuminance [fc at max cd] | Beam Diameter [Ft]** |
|----------------------|----------------------------|----------------------|
| 2                    | 656                        | —                    |
| 4                    | 164                        | —                    |
| 6                    | 73                         | —                    |
| 8                    | 41                         | —                    |
| 10                   | 26                         | —                    |
| 12                   | 18                         | —                    |
| 14                   | 13                         | —                    |
| 16                   | 10                         | —                    |
| 18                   | 8                          | —                    |
| 20                   | 7                          | —                    |

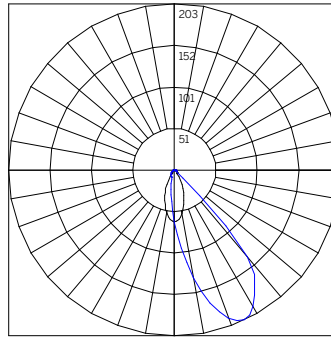
\*Polar Plot and Cone of Light are applicable to part number noted; use Multiplication Factor table to approximate other models or refer to online photometry.

\*\* Beam Diameter indicates on center spacing required to maintain Illuminance at Mounting Height.

# Warp Asymmetric

## SQUARE ASYMMETRIC HONEYCOMB

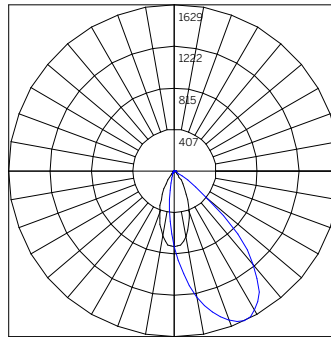
| WAR-RWH-ASHC-...-MWFL...              |        |                    |           |            |            |
|---------------------------------------|--------|--------------------|-----------|------------|------------|
| Delivered Lumens - Medium Wide Flood  |        |                    |           |            |            |
|                                       |        | Diameter [Wattage] |           |            |            |
|                                       |        | 27 [3 CC]          | 43 [4 CC] | 45 [10 CC] | 51 [15 CC] |
| CCT                                   | 92-27- | 93                 | —         | —          | —          |
|                                       | 92-30- | 102                | —         | —          | —          |
|                                       | 92-35- | 102                | —         | —          | —          |
|                                       | 92-40- | 106                | —         | —          | —          |
| Polar Plot / Cone Of Light Multiplier |        |                    |           |            |            |
|                                       |        | 27 [3 CC]          | 43 [4 CC] | 45 [10 CC] | 51 [15 CC] |
|                                       |        | 1.00               | —         | —          | —          |



Beam Angle (0-180) = Asymmetric  
Beam Angle (90-270) = Asymmetric

| CONE OF LIGHT - 3W 3000K<br>Medium Wide Flood<br>WAR-RWH-ASHC-27-3-CC-92-30-MWFL* |                            |                      |
|-----------------------------------------------------------------------------------|----------------------------|----------------------|
| Mounting Height [Ft]                                                              | Illuminance [fc at max cd] | Beam Diameter [Ft]** |
| 2                                                                                 | 55                         | —                    |
| 4                                                                                 | 14                         | —                    |
| 6                                                                                 | 6                          | —                    |
| 8                                                                                 | 3                          | —                    |
| 10                                                                                | 2                          | —                    |
| 12                                                                                | 2                          | —                    |
| 14                                                                                | 1                          | —                    |
| 16                                                                                | 1                          | —                    |
| 18                                                                                | 1                          | —                    |
| 20                                                                                | 1                          | —                    |

| WAR-RWH-ASHC-...-WFL...               |        |                    |           |            |            |
|---------------------------------------|--------|--------------------|-----------|------------|------------|
| Delivered Lumens - Wide Flood         |        |                    |           |            |            |
|                                       |        | Diameter [Wattage] |           |            |            |
|                                       |        | 27 [3 CC]          | 43 [4 CC] | 45 [10 CC] | 51 [15 CC] |
| CCT                                   | 92-27- | —                  | 150       | 359        | 662        |
|                                       | 92-30- | —                  | 160       | 387        | 709        |
|                                       | 92-35- | —                  | 160       | 387        | 709        |
|                                       | 92-40- | —                  | 173       | 415        | 763        |
| Polar Plot / Cone Of Light Multiplier |        |                    |           |            |            |
|                                       |        | 27 [3 CC]          | 43 [4 CC] | 45 [10 CC] | 51 [15 CC] |
|                                       |        | —                  | 0.23      | 0.55       | 1.00       |



Beam Angle (0-180) = Asymmetric  
Beam Angle (90-270) = Asymmetric

| CONE OF LIGHT - 15W 3000K Wide Flood<br>WAR-RWH-ASHC-51-15-CC-92-30-WFL* |                            |                      |
|--------------------------------------------------------------------------|----------------------------|----------------------|
| Mounting Height [Ft]                                                     | Illuminance [fc at max cd] | Beam Diameter [Ft]** |
| 2                                                                        | 309                        | —                    |
| 4                                                                        | 77                         | —                    |
| 6                                                                        | 34                         | —                    |
| 8                                                                        | 19                         | —                    |
| 10                                                                       | 12                         | —                    |
| 12                                                                       | 9                          | —                    |
| 14                                                                       | 6                          | —                    |
| 16                                                                       | 5                          | —                    |
| 18                                                                       | 4                          | —                    |
| 20                                                                       | 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.

\*\* Beam Diameter indicates on center spacing required to maintain Illuminance at Mounting Height.