

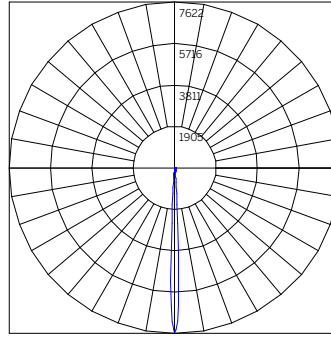
# Quantum Fixed

## FIXED

### QTM-RWH-F-...-USP...

Delivered Lumens - Ultra Spot

|     |        | Diameter [Wattage]                    |           |           |            |            |
|-----|--------|---------------------------------------|-----------|-----------|------------|------------|
|     |        | 09 [3 CC]                             | 17 [2 CC] | 17 [6 CC] | 24 [10 CC] | 33 [15 CC] |
| CCT | 92-27- | -                                     | 115       | -         | -          | -          |
|     | 92-30- | -                                     | 123       | -         | -          | -          |
|     | 92-35- | -                                     | 123       | -         | -          | -          |
|     | 92-40- | -                                     | 131       | -         | -          | -          |
|     |        | Polar Plot / Cone Of Light Multiplier |           |           |            |            |
|     |        | 09 [3 CC]                             | 17 [2 CC] | 17 [6 CC] | 24 [10 CC] | 33 [15 CC] |
|     |        | -                                     | 1.00      | -         | -          | -          |
|     |        | UGR (3K)                              |           |           |            |            |
|     |        | 09 [3 CC]                             | 17 [2 CC] | 17 [6 CC] | 24 [10 CC] | 33 [15 CC] |
|     |        | -                                     | 18.5      | -         | -          | -          |



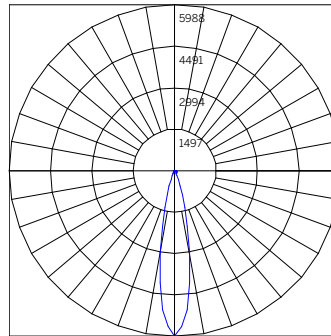
### CONE OF LIGHT - 2W 3000K Ultra Spot QTM-RWH-F-17-2-CC-80-30-USP\*

| Mounting Height [Ft] | Illuminance [fc at max cd] | Beam Diameter [Ft]** |
|----------------------|----------------------------|----------------------|
| 2                    | 1906                       | 0.2                  |
| 4                    | 476                        | 0.3                  |
| 6                    | 212                        | 0.5                  |
| 8                    | 119                        | 0.7                  |
| 10                   | 76                         | 0.9                  |
| 12                   | 53                         | 1.0                  |
| 14                   | 39                         | 1.2                  |
| 16                   | 30                         | 1.4                  |
| 18                   | 24                         | 1.6                  |
| 20                   | 19                         | 1.7                  |

### QTM-RWH-F-...-SP...

Delivered Lumens - Spot

|     |        | Diameter [Wattage]                    |           |           |            |            |
|-----|--------|---------------------------------------|-----------|-----------|------------|------------|
|     |        | 09 [3 CC]                             | 17 [2 CC] | 17 [6 CC] | 24 [10 CC] | 33 [15 CC] |
| CCT | 92-27- | 127                                   | -         | 478       | 664        | 1025       |
|     | 92-30- | 139                                   | -         | 499       | 714        | 1096       |
|     | 92-35- | 139                                   | -         | 499       | 714        | 1096       |
|     | 92-40- | 145                                   | -         | 537       | 764        | 1178       |
|     |        | Polar Plot / Cone Of Light Multiplier |           |           |            |            |
|     |        | 09 [3 CC]                             | 17 [2 CC] | 17 [6 CC] | 24 [10 CC] | 33 [15 CC] |
|     |        | 0.13                                  | -         | 0.46      | 0.65       | 1.00       |
|     |        | UGR (3K)                              |           |           |            |            |
|     |        | 09 [3 CC]                             | 17 [2 CC] | 17 [6 CC] | 24 [10 CC] | 33 [15 CC] |
|     |        | 17.3                                  | -         | 16.0      | 18.5       | 24.4       |



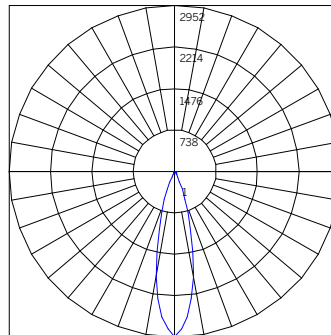
### CONE OF LIGHT - 25W 3000K Spot QTM-RWH-F-33-15-CC-92-30-SP\*

| Mounting Height [Ft] | Illuminance [fc at max cd] | Beam Diameter [Ft]** |
|----------------------|----------------------------|----------------------|
| 2                    | 1497                       | 0.7                  |
| 4                    | 374                        | 1.4                  |
| 6                    | 166                        | 2.1                  |
| 8                    | 94                         | 2.8                  |
| 10                   | 60                         | 3.5                  |
| 12                   | 42                         | 4.2                  |
| 14                   | 31                         | 4.9                  |
| 16                   | 23                         | 5.6                  |
| 18                   | 18                         | 6.3                  |
| 20                   | 15                         | 7.1                  |

### QTM-RWH-F-...-NFL...

Delivered Lumens - Narrow Flood

|     |        | Diameter [Wattage]                    |           |           |            |            |
|-----|--------|---------------------------------------|-----------|-----------|------------|------------|
|     |        | 09 [3 CC]                             | 17 [2 CC] | 17 [6 CC] | 24 [10 CC] | 33 [15 CC] |
| CCT | 92-27- | 119                                   | -         | 381       | 658        | -          |
|     | 92-30- | 130                                   | -         | 398       | 710        | -          |
|     | 92-35- | 130                                   | -         | 398       | 710        | -          |
|     | 92-40- | 135                                   | -         | 429       | 763        | -          |
|     |        | Polar Plot / Cone Of Light Multiplier |           |           |            |            |
|     |        | 09 [3 CC]                             | 17 [2 CC] | 17 [6 CC] | 24 [10 CC] | 33 [15 CC] |
|     |        | 0.18                                  | -         | 0.56      | 1.00       | -          |
|     |        | UGR (3K)                              |           |           |            |            |
|     |        | 09 [3 CC]                             | 17 [2 CC] | 17 [6 CC] | 24 [10 CC] | 33 [15 CC] |
|     |        | 27.7                                  | -         | 22.4      | 19.8       | -          |



### CONE OF LIGHT - 10W 3000K Narrow Flood QTM-RWH-F-24-10-CC-92-30-NFL\*

| Mounting Height [Ft] | Illuminance [fc at max cd] | Beam Diameter [Ft]** |
|----------------------|----------------------------|----------------------|
| 2                    | 738                        | 0.9                  |
| 4                    | 185                        | 1.8                  |
| 6                    | 82                         | 2.6                  |
| 8                    | 46                         | 3.5                  |
| 10                   | 30                         | 4.4                  |
| 12                   | 21                         | 5.3                  |
| 14                   | 15                         | 6.2                  |
| 16                   | 12                         | 7.0                  |
| 18                   | 9                          | 7.9                  |
| 20                   | 7                          | 8.8                  |

\*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.

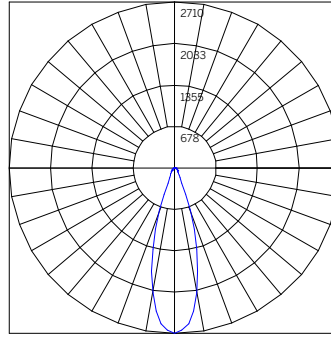
# Quantum Fixed

## FIXED

### QTM-RWH-F-...-FL...

Delivered Lumens - Flood

|     |        | Diameter [Wattage]                    |           |           |            |            |
|-----|--------|---------------------------------------|-----------|-----------|------------|------------|
|     |        | 09 [3 CC]                             | 17 [2 CC] | 17 [6 CC] | 24 [10 CC] | 33 [15 CC] |
| CCT | 92-27- | -                                     | -         | -         | -          | 881        |
|     | 92-30- | -                                     | -         | -         | -          | 943        |
|     | 92-35- | -                                     | -         | -         | -          | 943        |
|     | 92-40- | -                                     | -         | -         | -          | 1015       |
|     |        | Polar Plot / Cone Of Light Multiplier |           |           |            |            |
|     |        | 09 [3 CC]                             | 17 [2 CC] | 17 [6 CC] | 24 [10 CC] | 33 [15 CC] |
|     |        | -                                     | -         | -         | -          | 1.00       |
|     |        | UGR (3K)                              |           |           |            |            |
|     |        | 09 [3 CC]                             | 17 [2 CC] | 17 [6 CC] | 24 [10 CC] | 33 [15 CC] |
|     |        | -                                     | -         | -         | -          | 25.6       |



Beam Angle (0-180) = 30.4°  
Beam Angle (90-270) = 30.2°

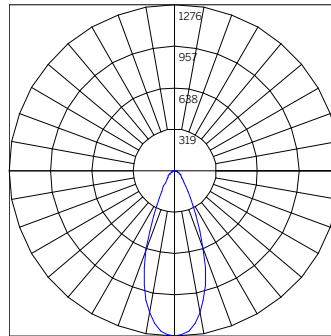
### CONE OF LIGHT - 15W 3000K Flood QTM-RWH-F-33-15-CC-92-30-FL\*

| Mounting Height [Ft] | Illuminance [fc at max cd] | Beam Diameter [Ft]** |
|----------------------|----------------------------|----------------------|
| 2                    | 678                        | 1.1                  |
| 4                    | 169                        | 2.2                  |
| 6                    | 75                         | 3.3                  |
| 8                    | 42                         | 4.3                  |
| 10                   | 27                         | 5.4                  |
| 12                   | 19                         | 6.5                  |
| 14                   | 14                         | 7.6                  |
| 16                   | 11                         | 8.7                  |
| 18                   | 8                          | 9.8                  |
| 20                   | 7                          | 10.9                 |

### QTM-RWH-F-...-MWFL...

Delivered Lumens - Medium Wide Flood

|     |        | Diameter [Wattage]                    |           |           |            |            |
|-----|--------|---------------------------------------|-----------|-----------|------------|------------|
|     |        | 09 [3 CC]                             | 17 [2 CC] | 17 [6 CC] | 24 [10 CC] | 33 [15 CC] |
| CCT | 92-27- | 122                                   | -         | -         | 538        | 738        |
|     | 92-30- | 134                                   | -         | -         | 578        | 789        |
|     | 92-35- | 134                                   | -         | -         | 578        | 789        |
|     | 92-40- | 139                                   | -         | -         | 621        | 849        |
|     |        | Polar Plot / Cone Of Light Multiplier |           |           |            |            |
|     |        | 09 [3 CC]                             | 17 [2 CC] | 17 [6 CC] | 24 [10 CC] | 33 [15 CC] |
|     |        | 0.17                                  | -         | -         | 0.73       | 1.00       |
|     |        | UGR (3K)                              |           |           |            |            |
|     |        | 09 [3 CC]                             | 17 [2 CC] | 17 [6 CC] | 24 [10 CC] | 33 [15 CC] |
|     |        | 23.2                                  | -         | -         | 24.1       | 26.9       |



Beam Angle (0-180) = 40.2°  
Beam Angle (90-270) = 40.6°

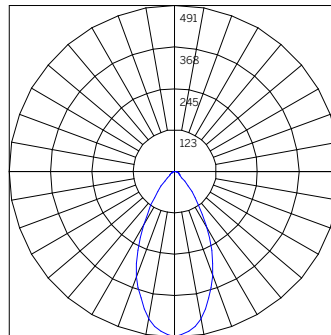
### CONE OF LIGHT - 15W 3000K Medium Wide Flood QTM-RWH-F-33-15-CC-92-30-MWFL\*

| Mounting Height [Ft] | Illuminance [fc at max cd] | Beam Diameter [Ft]** |
|----------------------|----------------------------|----------------------|
| 2                    | 319                        | 1.5                  |
| 4                    | 80                         | 2.9                  |
| 6                    | 35                         | 4.4                  |
| 8                    | 20                         | 5.9                  |
| 10                   | 13                         | 7.3                  |
| 12                   | 9                          | 8.8                  |
| 14                   | 7                          | 10.2                 |
| 16                   | 5                          | 11.7                 |
| 18                   | 4                          | 13.2                 |
| 20                   | 3                          | 14.6                 |

### QTM-RWH-F-...-WFL...

Delivered Lumens - Wide Flood

|     |        | Diameter [Wattage]                    |           |           |            |            |
|-----|--------|---------------------------------------|-----------|-----------|------------|------------|
|     |        | 09 [3 CC]                             | 17 [2 CC] | 17 [6 CC] | 24 [10 CC] | 33 [15 CC] |
| CCT | 92-27- | -                                     | -         | 393       | -          | -          |
|     | 92-30- | -                                     | -         | 412       | -          | -          |
|     | 92-35- | -                                     | -         | 412       | -          | -          |
|     | 92-40- | -                                     | -         | 443       | -          | -          |
|     |        | Polar Plot / Cone Of Light Multiplier |           |           |            |            |
|     |        | 09 [3 CC]                             | 17 [2 CC] | 17 [6 CC] | 24 [10 CC] | 33 [15 CC] |
|     |        | -                                     | -         | 1.00      | -          | -          |
|     |        | UGR (3K)                              |           |           |            |            |
|     |        | 09 [3 CC]                             | 17 [2 CC] | 17 [6 CC] | 24 [10 CC] | 33 [15 CC] |
|     |        | -                                     | -         | 24.8      | -          | -          |



Beam Angle (0-180) = 51.8°  
Beam Angle (90-270) = 51.4°

### CONE OF LIGHT - 15W 3000K Narrow Spot QTM-RWH-F-17-6-CC-92-30-WFL\*

| Mounting Height [Ft] | Illuminance [fc at max cd] | Beam Diameter [Ft]** |
|----------------------|----------------------------|----------------------|
| 2                    | 123                        | 1.9                  |
| 4                    | 31                         | 3.9                  |
| 6                    | 14                         | 5.8                  |
| 8                    | 8                          | 7.8                  |
| 10                   | 5                          | 9.7                  |
| 12                   | 3                          | 11.7                 |
| 14                   | 3                          | 13.6                 |
| 16                   | 2                          | 15.5                 |
| 18                   | 2                          | 17.5                 |
| 20                   | 1                          | 19.4                 |

\*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.

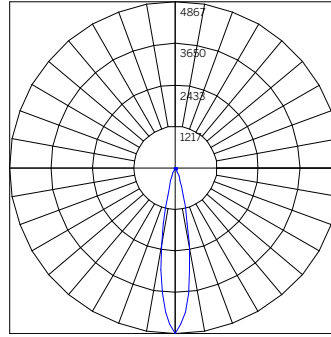
# Quantum Fixed

## FIXED HONEYCOMB

### QTM-RWH-FHC-...-SP...

Delivered Lumens - Spot

|     |        | Diameter [Wattage]                    |           |           |            |            |
|-----|--------|---------------------------------------|-----------|-----------|------------|------------|
|     |        | 09 [3 CC]                             | 17 [2 CC] | 17 [6 CC] | 24 [10 CC] | 33 [15 CC] |
| CCT | 92-27- | -                                     | -         | 330       | 521        | 744        |
|     | 92-30- | -                                     | -         | 345       | 560        | 796        |
|     | 92-35- | -                                     | -         | 345       | 560        | 796        |
|     | 92-40- | -                                     | -         | 372       | 599        | 856        |
|     |        | Polar Plot / Cone Of Light Multiplier |           |           |            |            |
|     |        | 09 [3 CC]                             | 17 [2 CC] | 17 [6 CC] | 24 [10 CC] | 33 [15 CC] |
|     |        | -                                     | -         | 0.43      | 0.70       | 1.00       |
|     |        | UGR (3K)                              |           |           |            |            |
|     |        | 09 [3 CC]                             | 17 [2 CC] | 17 [6 CC] | 24 [10 CC] | 33 [15 CC] |
|     |        | -                                     | -         | 9.1       | 15.5       | 22.4       |



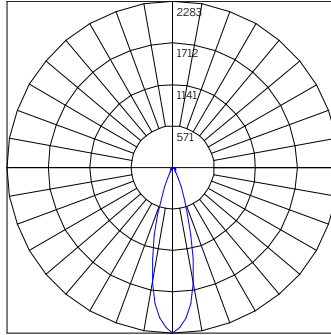
### CONE OF LIGHT - 25W 3000K Spot QTM-RWH-FHC-33-15-CC-92-30-SP\*

| Mounting Height [Ft] | Illuminance [fc at max cd] | Beam Diameter [Ft]** |
|----------------------|----------------------------|----------------------|
| 2                    | 1217                       | 0.7                  |
| 4                    | 304                        | 1.4                  |
| 6                    | 135                        | 2.0                  |
| 8                    | 76                         | 2.7                  |
| 10                   | 49                         | 3.4                  |
| 12                   | 34                         | 4.1                  |
| 14                   | 25                         | 4.7                  |
| 16                   | 19                         | 5.4                  |
| 18                   | 15                         | 6.1                  |
| 20                   | 12                         | 6.8                  |

### QTM-RWH-FHC-...-NFL...

Delivered Lumens - Narrow Flood

|     |        | Diameter [Wattage]                    |           |           |            |            |
|-----|--------|---------------------------------------|-----------|-----------|------------|------------|
|     |        | 09 [3 CC]                             | 17 [2 CC] | 17 [6 CC] | 24 [10 CC] | 33 [15 CC] |
| CCT | 92-27- | -                                     | -         | 239       | 496        | 614        |
|     | 92-30- | -                                     | -         | 250       | 533        | 658        |
|     | 92-35- | -                                     | -         | 250       | 533        | 658        |
|     | 92-40- | -                                     | -         | 269       | 571        | 708        |
|     |        | Polar Plot / Cone Of Light Multiplier |           |           |            |            |
|     |        | 09 [3 CC]                             | 17 [2 CC] | 17 [6 CC] | 24 [10 CC] | 33 [15 CC] |
|     |        | -                                     | -         | 0.38      | 0.81       | 1.00       |
|     |        | UGR (3K)                              |           |           |            |            |
|     |        | 09 [3 CC]                             | 17 [2 CC] | 17 [6 CC] | 24 [10 CC] | 33 [15 CC] |
|     |        | -                                     | -         | 17.9      | 17.4       | 23.3       |



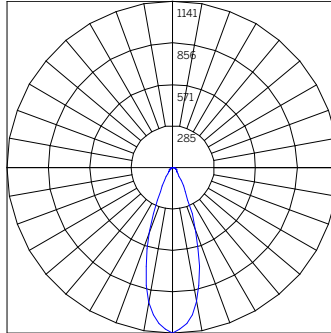
### CONE OF LIGHT - 15W 3000K Narrow Flood QTM-RWH-FHC-33-15-CC-92-30-NFL\*

| Mounting Height [Ft] | Illuminance [fc at max cd] | Beam Diameter [Ft]** |
|----------------------|----------------------------|----------------------|
| 2                    | 571                        | 1.0                  |
| 4                    | 143                        | 1.9                  |
| 6                    | 63                         | 2.9                  |
| 8                    | 36                         | 3.9                  |
| 10                   | 23                         | 4.8                  |
| 12                   | 16                         | 5.8                  |
| 14                   | 12                         | 6.8                  |
| 16                   | 9                          | 7.7                  |
| 18                   | 7                          | 8.7                  |
| 20                   | 6                          | 9.7                  |

### QTM-RWH-FHC-...-FL...

Delivered Lumens - Flood

|     |        | Diameter [Wattage]                    |           |           |            |            |
|-----|--------|---------------------------------------|-----------|-----------|------------|------------|
|     |        | 09 [3 CC]                             | 17 [2 CC] | 17 [6 CC] | 24 [10 CC] | 33 [15 CC] |
| CCT | 92-27- | -                                     | -         | -         | -          | 501        |
|     | 92-30- | -                                     | -         | -         | -          | 536        |
|     | 92-35- | -                                     | -         | -         | -          | 536        |
|     | 92-40- | -                                     | -         | -         | -          | 577        |
|     |        | Polar Plot / Cone Of Light Multiplier |           |           |            |            |
|     |        | 09 [3 CC]                             | 17 [2 CC] | 17 [6 CC] | 24 [10 CC] | 33 [15 CC] |
|     |        | -                                     | -         | -         | -          | 1.00       |
|     |        | UGR (3K)                              |           |           |            |            |
|     |        | 09 [3 CC]                             | 17 [2 CC] | 17 [6 CC] | 24 [10 CC] | 33 [15 CC] |
|     |        | -                                     | -         | -         | -          | 24.0       |



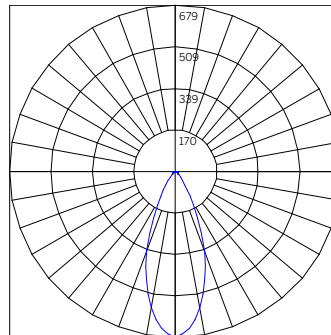
### CONE OF LIGHT - 15W 3000K Flood QTM-RWH-FHC-33-15-CC-92-30-FL\*

| Mounting Height [Ft] | Illuminance [fc at max cd] | Beam Diameter [Ft]** |
|----------------------|----------------------------|----------------------|
| 2                    | 286                        | 1.3                  |
| 4                    | 71                         | 2.6                  |
| 6                    | 32                         | 3.9                  |
| 8                    | 18                         | 5.1                  |
| 10                   | 11                         | 6.4                  |
| 12                   | 8                          | 7.7                  |
| 14                   | 6                          | 9.0                  |
| 16                   | 4                          | 10.3                 |
| 18                   | 4                          | 11.6                 |
| 20                   | 3                          | 12.8                 |

### QTM-RWH-FHC-...-MWFL...

Delivered Lumens - Medium Wide Flood

|     |        | Diameter [Wattage]                    |           |           |            |            |
|-----|--------|---------------------------------------|-----------|-----------|------------|------------|
|     |        | 09 [3 CC]                             | 17 [2 CC] | 17 [6 CC] | 24 [10 CC] | 33 [15 CC] |
| CCT | 92-27- | -                                     | -         | 211       | 338        | -          |
|     | 92-30- | -                                     | -         | 220       | 364        | -          |
|     | 92-35- | -                                     | -         | 220       | 364        | -          |
|     | 92-40- | -                                     | -         | 237       | 390        | -          |
|     |        | Polar Plot / Cone Of Light Multiplier |           |           |            |            |
|     |        | 09 [3 CC]                             | 17 [2 CC] | 17 [6 CC] | 24 [10 CC] | 33 [15 CC] |
|     |        | -                                     | -         | 0.60      | 1.00       | -          |
|     |        | UGR (3K)                              |           |           |            |            |
|     |        | 09 [3 CC]                             | 17 [2 CC] | 17 [6 CC] | 24 [10 CC] | 33 [15 CC] |
|     |        | -                                     | -         | 19.9      | 20.2       | -          |



### CONE OF LIGHT - 10W 3000K

Medium Wide Flood

| Mounting Height [Ft] | Illuminance [fc at max cd] | Beam Diameter [Ft]** |
|----------------------|----------------------------|----------------------|
| 2                    | 170                        | 1.5                  |
| 4                    | 42                         | 2.9                  |
| 6                    | 19                         | 4.4                  |
| 8                    | 11                         | 5.9                  |
| 10                   | 7                          | 7.4                  |
| 12                   | 5                          | 8.8                  |
| 14                   | 3                          | 10.3                 |
| 16                   | 3                          | 11.8                 |
| 18                   | 2                          | 13.2                 |
| 20                   | 2                          | 14.7                 |

\*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.