

## R6W SERIES | 6-Inch Stealth Pull Down Wall Lighter Photometrics

### R6WNC\*30KMVD2 FOOTCANDLES ON WALL: 3000K, 80 CRI

#### MOUNTED 3-FEET FROM WALL

Mounting Height: 10 Ft.  
Tilt from Nadir: 40°  
Room Reflectance: 80/50/20  
Multiple Units: 5 Units  
Beam Center: ↓  
Center of Multiple Units: █

| Distance from Ceiling |     | Single Unit |      |      |      |      | Multiple Units |                |     |                |     |                |     |    |     |
|-----------------------|-----|-------------|------|------|------|------|----------------|----------------|-----|----------------|-----|----------------|-----|----|-----|
|                       |     | 0 FT        | 1 FT | 2 FT | 3 FT | 4 FT | 5 FT           | 2 FT ON CENTER |     | 3 FT ON CENTER |     | 4 FT ON CENTER |     |    |     |
|                       |     | ↓           |      |      |      |      |                | ↓              | ↓   | ↓              | ↓   | ↓              | ↓   |    |     |
| 1 FT                  | 101 | 91          | 74   | 60   | 46   | 29   | 190            | 193            | 190 | 129            | 131 | 129            | 103 | 88 | 106 |
| 2 FT                  | 92  | 82          | 67   | 56   | 42   | 26   | 177            | 180            | 177 | 121            | 122 | 121            | 96  | 83 | 99  |
| 3 FT                  | 83  | 74          | 63   | 52   | 38   | 27   | 163            | 167            | 164 | 112            | 114 | 113            | 89  | 78 | 91  |
| 4 FT                  | 73  | 69          | 58   | 48   | 39   | 27   | 147            | 150            | 147 | 102            | 103 | 102            | 80  | 72 | 83  |
| 5 FT                  | 57  | 57          | 50   | 40   | 33   | 27   | 120            | 123            | 121 | 84             | 85  | 84             | 66  | 61 | 68  |
| 6 FT                  | 41  | 41          | 38   | 32   | 26   | 22   | 93             | 96             | 94  | 67             | 67  | 67             | 52  | 50 | 53  |
| 7 FT                  | 28  | 27          | 24   | 22   | 19   | 15   | 69             | 71             | 69  | 51             | 51  | 51             | 40  | 39 | 40  |
| 8 FT                  | 23  | 23          | 21   | 18   | 17   | 14   | 58             | 60             | 59  | 43             | 44  | 43             | 34  | 33 | 34  |
| 9 FT                  | 18  | 18          | 17   | 15   | 13   | 12   | 47             | 49             | 48  | 36             | 37  | 36             | 28  | 28 | 28  |

#### MOUNTED 4-FEET FROM WALL

Mounting Height: 10 Ft.  
Tilt from Nadir: 40°  
Room Reflectance: 80/50/20  
Multiple Units: 5 Units  
Beam Center: ↓  
Center of Multiple Units: █

| Distance from Ceiling |    | Single Unit |      |      |      |      | Multiple Units |                |     |                |    |                |    |    |    |
|-----------------------|----|-------------|------|------|------|------|----------------|----------------|-----|----------------|----|----------------|----|----|----|
|                       |    | 0 FT        | 1 FT | 2 FT | 3 FT | 4 FT | 5 FT           | 2 FT ON CENTER |     | 3 FT ON CENTER |    | 4 FT ON CENTER |    |    |    |
|                       |    | ↓           |      |      |      |      |                | ↓              | ↓   | ↓              | ↓  | ↓              | ↓  |    |    |
| 1 FT                  | 62 | 63          | 56   | 44   | 34   | 25   | 139            | 142            | 140 | 98             | 99 | 99             | 77 | 74 | 77 |
| 2 FT                  | 60 | 61          | 54   | 42   | 33   | 25   | 137            | 139            | 137 | 97             | 97 | 97             | 75 | 73 | 76 |
| 3 FT                  | 57 | 58          | 51   | 42   | 33   | 25   | 134            | 136            | 134 | 95             | 96 | 95             | 74 | 72 | 74 |
| 4 FT                  | 54 | 54          | 50   | 41   | 33   | 25   | 129            | 131            | 129 | 91             | 92 | 91             | 71 | 69 | 71 |
| 5 FT                  | 46 | 46          | 44   | 39   | 30   | 23   | 113            | 115            | 114 | 82             | 82 | 81             | 64 | 62 | 63 |
| 6 FT                  | 38 | 38          | 36   | 33   | 27   | 21   | 98             | 100            | 99  | 72             | 72 | 71             | 56 | 55 | 56 |
| 7 FT                  | 31 | 31          | 29   | 25   | 22   | 18   | 84             | 86             | 84  | 62             | 63 | 62             | 48 | 48 | 48 |
| 8 FT                  | 26 | 26          | 25   | 23   | 19   | 16   | 72             | 74             | 73  | 54             | 55 | 54             | 43 | 42 | 42 |
| 9 FT                  | 21 | 21          | 20   | 19   | 17   | 14   | 60             | 62             | 61  | 46             | 47 | 46             | 37 | 36 | 36 |

### PHOTOMETRIC MULTIPLICATION FACTORS

Lumen output values fluctuate based on Color Temperature (CCT), Color Rendering Index (CRI), and Luminaire Wattage/Output. To estimate lumen output of the various options, multiply 3000K (80 CRI min) results by the following:

| CCT MULTIPLIERS |              |                |
|-----------------|--------------|----------------|
| CCT             | STANDARD CRI | HIGH (90+) CRI |
| 2700K           | 0.95         | 0.74           |
| 3000K           | 1.00         | 0.85           |
| 3500K           | 1.03         | 0.89           |
| 4000K           | 1.07         | 0.92           |

| OUTPUT MULTIPLIERS     |                        |                        |                        |                        |                        |
|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| R6WNC1<br>17W/SERIES 1 | R6WNC2<br>23W/SERIES 2 | R6WNC3<br>29W/SERIES 3 | R6WNC4<br>33W/SERIES 4 | R6WNC5<br>39W/SERIES 5 | R6WNC6<br>44W/SERIES 6 |
| 0.42                   | 0.55                   | 0.68                   | 0.77                   | 0.90                   | 1.00                   |