

DATE

PROJECT

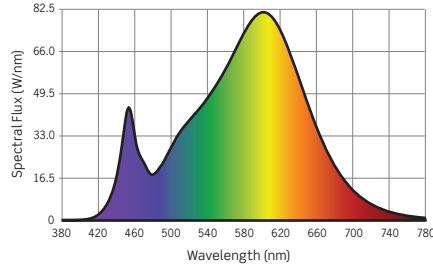
TYPE

# R6W SERIES | 6-Inch Pull Down Wall Lighter: R6WNC New Construction Housing

## PHOTOMETRICS: R6WNC630K12D

Color Rendering Index (CRI)<sup>1</sup>: 82  
Color Temperature (CCT)<sup>2</sup>: 3131K  
Designed for 50,000 Hour Lamp Life<sup>3</sup>  
LM-79 Test: 85820

Spectral Power Distribution Chart<sup>4</sup>



| LED SERIES          | TOTAL W @ 120V | DELIVERED LMS | LM/WATT | LM-63 TEST |
|---------------------|----------------|---------------|---------|------------|
| R6WNC1 20W/SERIES 1 | 15.8W          | 2256Lm        | 141.5   | G19032206  |
| R6WNC2 28W/SERIES 2 | 21.9W          | 3038Lm        | 139.2   | G19032204  |
| R6WNC3 35W/SERIES 3 | 34.0W          | 4127Lm        | 135.1   | 85817      |
| R6WNC4 41W/SERIES 4 | 40.7W          | 4741Lm        | 131.8   | 85818      |
| R6WNC5 47W/SERIES 5 | 47.5W          | 5416Lm        | 127.2   | 85819      |
| R6WNC6 57W/SERIES 6 | 56.3W          | 5951Lm        | 130.6   | 85514      |

1. Accuracy of Rendering Colors 2. Color Appearance of Light Source 3. Dependent on Surrounding Temperatures 4. Colors Present within the Light Source

## PHOTOMETRIC MULTIPLICATION FACTORS

Lumen output values fluctuate based on wattage, CCT and CRI. To estimate lumen output of the various options, multiply 3000K, Standard CRI results using the following:

| CCT MULTIPLIERS |         |          |
|-----------------|---------|----------|
| CCT             | STD CRI | HIGH CRI |
| 2700K           | 0.95    | 0.74     |
| 3000K           | N/A     | 0.85     |
| 3500K           | 1.03    | 0.89     |
| 4000K           | 1.07    | 0.92     |

DATE

PROJECT

TYPE

# R6W SERIES | 6-Inch Pull Down Wall Lighter: R6WNC New Construction Housing

## PHOTOMETRICS: R6WNC630K12D

**Mounted 3 Feet From Wall, 10' Mounting Height, Tilted 40 Degrees from Nadir** ▲ is beam center

| Distance from Ceiling | Single Unit |      |      |      |      |      | Multiple Units |     |     |                |     |     |                |    |     |
|-----------------------|-------------|------|------|------|------|------|----------------|-----|-----|----------------|-----|-----|----------------|----|-----|
|                       | 0 FT        | 1 FT | 2 FT | 3 FT | 4 FT | 5 FT | 4 FT on Center |     |     | 6 FT on Center |     |     | 8 FT on Center |    |     |
|                       | ▲           |      |      |      |      |      | ▲              | ▲   | ▲   | ▲              | ▲   | ▲   | ▲              | ▲  | ▲   |
| 1 FT                  | 150         | 131  | 95   | 58   | 30   | 11   | 202            | 198 | 203 | 154            | 113 | 154 | 152            | 58 | 147 |
| 2 FT                  | 159         | 140  | 104  | 67   | 36   | 15   | 230            | 222 | 231 | 169            | 134 | 168 | 162            | 74 | 158 |
| 3 FT                  | 150         | 134  | 104  | 73   | 46   | 24   | 240            | 229 | 240 | 169            | 147 | 168 | 154            | 91 | 151 |
| 4 FT                  | 100         | 92   | 95   | 56   | 39   | 24   | 183            | 178 | 182 | 127            | 115 | 127 | 106            | 79 | 105 |
| 5 FT                  | 62          | 59   | 51   | 40   | 30   | 20   | 129            | 128 | 129 | 90             | 83  | 90  | 71             | 60 | 71  |
| 6 FT                  | 38          | 37   | 33   | 28   | 22   | 16   | 92             | 92  | 92  | 64             | 61  | 64  | 50             | 44 | 50  |
| 7 FT                  | 24          | 24   | 22   | 19   | 16   | 12   | 68             | 68  | 68  | 47             | 46  | 47  | 37             | 33 | 37  |
| 8 FT                  | 16          | 16   | 15   | 14   | 12   | 10   | 51             | 52  | 51  | 35             | 36  | 35  | 28             | 26 | 28  |
| 9 FT                  | 12          | 11   | 11   | 10   | 9    | 8    | 39             | 40  | 40  | 28             | 28  | 28  | 22             | 21 | 22  |

**Mounted 4 Feet From Wall, 10' Mounting Height, Tilted 40 Degrees from Nadir** ▲ is beam center

| Distance from Ceiling | Single Unit |      |      |      |      |      | Multiple Units |     |     |                |     |     |                |    |     |
|-----------------------|-------------|------|------|------|------|------|----------------|-----|-----|----------------|-----|-----|----------------|----|-----|
|                       | 0 FT        | 1 FT | 2 FT | 3 FT | 4 FT | 5 FT | 4 FT on Center |     |     | 6 FT on Center |     |     | 8 FT on Center |    |     |
|                       | ▲           |      |      |      |      |      | ▲              | ▲   | ▲   | ▲              | ▲   | ▲   | ▲              | ▲  | ▲   |
| 1 FT                  | 81          | 74   | 61   | 44   | 28   | 16   | 136            | 134 | 136 | 94             | 89  | 94  | 84             | 56 | 83  |
| 2 FT                  | 95          | 87   | 71   | 53   | 35   | 21   | 168            | 165 | 169 | 116            | 109 | 116 | 100            | 72 | 99  |
| 3 FT                  | 105         | 97   | 81   | 62   | 44   | 29   | 199            | 196 | 199 | 137            | 127 | 137 | 112            | 90 | 112 |
| 4 FT                  | 86          | 80   | 68   | 54   | 41   | 29   | 178            | 178 | 178 | 124            | 114 | 124 | 97             | 83 | 97  |
| 5 FT                  | 63          | 60   | 53   | 44   | 34   | 26   | 146            | 146 | 145 | 101            | 94  | 101 | 78             | 70 | 78  |
| 6 FT                  | 44          | 43   | 39   | 33   | 27   | 21   | 114            | 114 | 113 | 78             | 75  | 78  | 61             | 55 | 61  |
| 7 FT                  | 31          | 30   | 28   | 24   | 20   | 17   | 87             | 88  | 87  | 60             | 59  | 60  | 48             | 43 | 47  |
| 8 FT                  | 22          | 21   | 20   | 18   | 15   | 13   | 68             | 69  | 68  | 47             | 48  | 47  | 37             | 35 | 37  |
| 9 FT                  | 15          | 15   | 14   | 13   | 12   | 10   | 55             | 56  | 55  | 39             | 39  | 39  | 30             | 29 | 30  |

## PHOTOMETRIC MULTIPLICATION FACTORS

|                     |      |
|---------------------|------|
| R6WNC1 20W/SERIES 1 | 0.37 |
| R6WNC2 28W/SERIES 2 | 0.51 |
| R6WNC3 35W/SERIES 3 | 0.69 |
| R6WNC4 41W/SERIES 4 | 0.79 |
| R6WNC5 47W/SERIES 5 | 0.91 |
| R6WNC6 57W/SERIES 6 | 1.00 |