

## Light efficiency:

**65 Lumen/Watt**

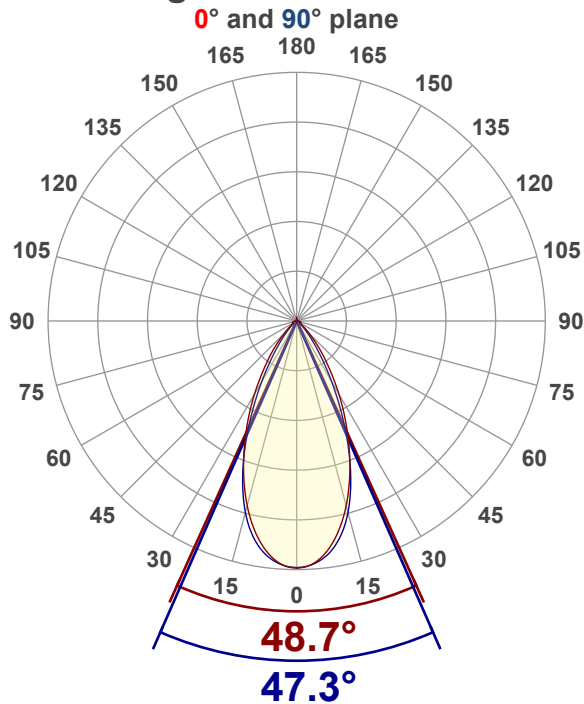
## Color temperature:

**3051 K**

## Light quality:

**CRI:93.3, R<sub>g</sub>:91.0, R<sub>f</sub>:102.9****P: 2 / V: - / F: 2****Output: 951 lm****Peak: 1242 cd****Power: 14.7 W****Voltage: 120 V****Current: 0.124 A****PF: 0.99****THD: 13.51 %**

## Angular Distribution



Product name:

**DRW-C30WG3WF-XX1-XXX**

Test Date:

**4/11/2025**

Beam Angle (50% of the brightness of the centre):

**47.9°**

Field Angle (10% of the brightness of the centre):

**81.1°**

Cut Off Angle (2.5% of the brightness of the centre):

**116.1°**

## Beam Details

\*measured at centre of beam

| Mounting Height<br>(feet)/(meter) | Lux*   | Footcandles* | Beam width<br>(feet) / (meter) |
|-----------------------------------|--------|--------------|--------------------------------|
| 4 ft / 1.2 m                      | 833 lx | 77 fc        | 3.5 ft / 1.1 m                 |
| 8 ft / 2.4 m                      | 208 lx | 19 fc        | 7.1 ft / 2.2 m                 |
| 12 ft / 3.7 m                     | 93 lx  | 9 fc         | 10.6 ft / 3.2 m                |
| 16 ft / 4.9 m                     | 52 lx  | 5 fc         | 14.2 ft / 4.3 m                |
| 20 ft / 6.1 m                     | 33 lx  | 3 fc         | 17.7 ft / 5.4 m                |

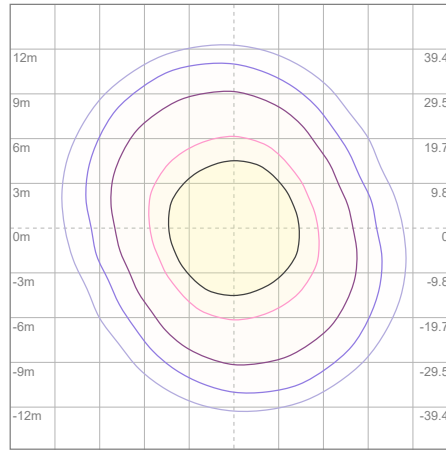
Beam center

## Photometric Testing Report

## Zonal Lumen Summary

| Zone   | Lumen | %Luminaire |
|--------|-------|------------|
| 0-30   | 642   | 67.51%     |
| 0-40   | 792   | 83.28%     |
| 0-60   | 872   | 91.69%     |
| 60-90  | 59.2  | 6.23%      |
| 70-100 | 38.9  | 4.09%      |
| 90-120 | 12.0  | 1.26%      |
| 0-90   | 931   | 97.90%     |
| 90-180 | 19.1  | 2.01%      |
| 0-180  | 951   | 100.00%    |

## ISO Lux Diagram



|                |          |
|----------------|----------|
| Lux at center: | 133 lx   |
| 3%             | 3.99 lx  |
| 5%             | 6.65 lx  |
| 10%            | 13.30 lx |
| 30%            | 39.90 lx |
| 50%            | 66.50 lx |

**Conditions:**  
Number of planes: 8  
Lux distribution on a surface when lamp is mounted at 3.05 meters from the surface.

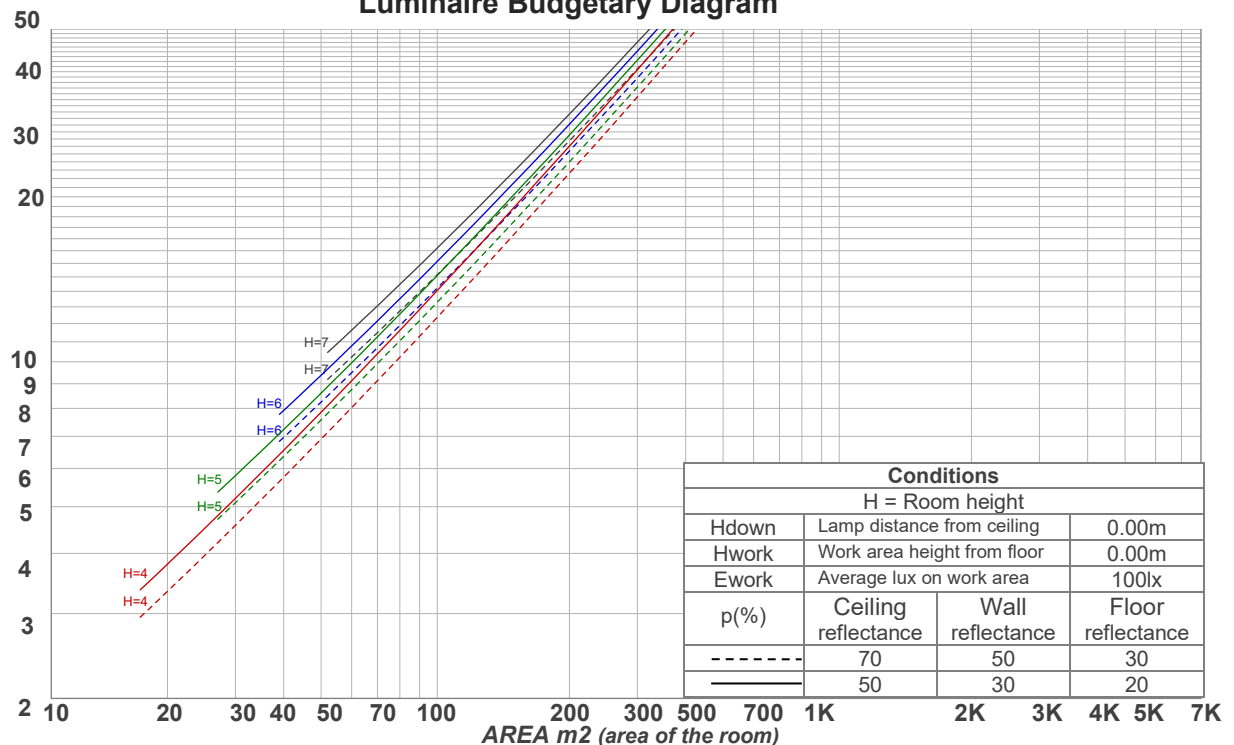
Mounting height: 3.05 meters (10 feet)

## Coefficients of Utilization

| Ceiling reflectance | 80                       |     |     |     | 70                                                                              |     |     |     | 50  |     |     | 30  |     |     | 10  |     |     | 0  |
|---------------------|--------------------------|-----|-----|-----|---------------------------------------------------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|
| Wall reflectance    | 70                       | 50  | 30  | 10  | 70                                                                              | 50  | 30  | 10  | 50  | 30  | 10  | 50  | 30  | 10  | 50  | 30  | 10  | 0  |
| Floor reflectance   | 20                       | 20  | 20  | 20  | 20                                                                              | 20  | 20  | 20  | 20  | 20  | 20  | 20  | 20  | 20  | 20  | 20  | 20  | 0  |
| RCR                 | (RCR: Room Cavity Ratio) |     |     |     | Room Values are expressed as percentage of Lumens delivered to the task surface |     |     |     |     |     |     |     |     |     |     |     |     |    |
| 0                   | 119                      | 119 | 119 | 119 | 116                                                                             | 116 | 116 | 116 | 110 | 110 | 110 | 105 | 105 | 105 | 100 | 100 | 100 | 98 |
| 1                   | 112                      | 109 | 106 | 103 | 109                                                                             | 106 | 104 | 101 | 102 | 100 | 98  | 98  | 96  | 95  | 94  | 93  | 91  | 89 |
| 2                   | 106                      | 100 | 96  | 92  | 103                                                                             | 98  | 94  | 91  | 95  | 91  | 88  | 91  | 89  | 86  | 88  | 86  | 84  | 82 |
| 3                   | 100                      | 93  | 87  | 83  | 98                                                                              | 91  | 86  | 82  | 88  | 84  | 81  | 86  | 82  | 79  | 83  | 80  | 78  | 76 |
| 4                   | 95                       | 87  | 81  | 76  | 93                                                                              | 85  | 80  | 75  | 83  | 78  | 74  | 81  | 77  | 73  | 78  | 75  | 72  | 71 |
| 5                   | 90                       | 81  | 75  | 70  | 88                                                                              | 80  | 74  | 70  | 78  | 73  | 69  | 76  | 72  | 68  | 74  | 70  | 67  | 66 |
| 6                   | 85                       | 76  | 70  | 65  | 84                                                                              | 75  | 69  | 65  | 73  | 68  | 64  | 72  | 67  | 64  | 70  | 66  | 63  | 62 |
| 7                   | 81                       | 72  | 65  | 61  | 80                                                                              | 71  | 65  | 61  | 69  | 64  | 60  | 68  | 63  | 60  | 67  | 62  | 59  | 58 |
| 8                   | 77                       | 68  | 61  | 57  | 76                                                                              | 67  | 61  | 57  | 66  | 60  | 57  | 64  | 60  | 56  | 63  | 59  | 56  | 54 |
| 9                   | 74                       | 64  | 58  | 54  | 73                                                                              | 63  | 58  | 54  | 62  | 57  | 53  | 61  | 56  | 53  | 60  | 56  | 53  | 51 |
| 10                  | 71                       | 61  | 55  | 51  | 69                                                                              | 60  | 54  | 51  | 59  | 54  | 50  | 58  | 54  | 50  | 57  | 53  | 50  | 49 |

LAMPS (number of lamps)

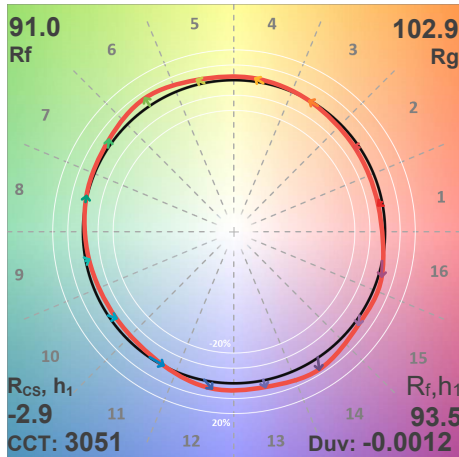
## Luminaire Budgetary Diagram



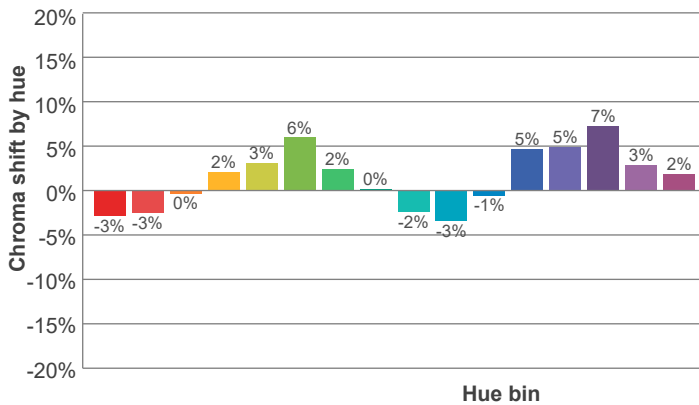
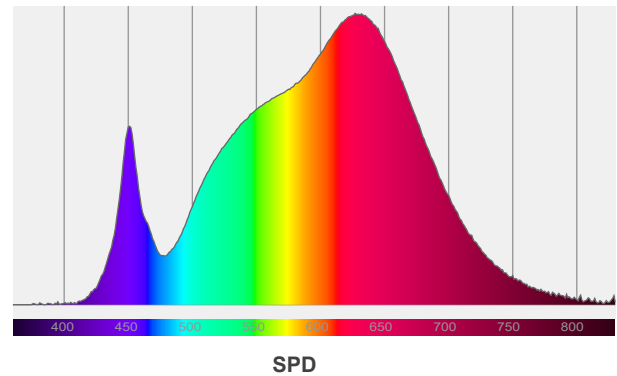
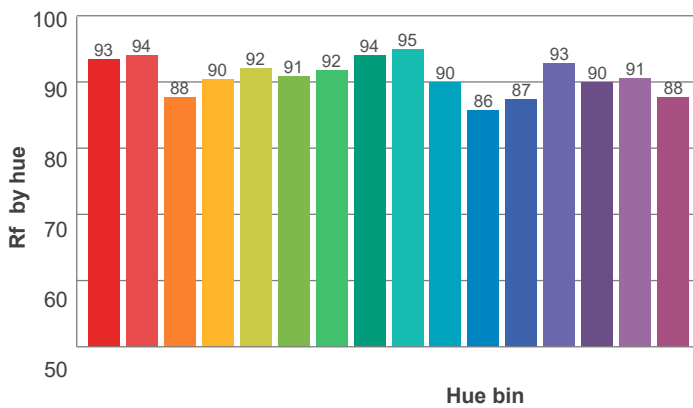
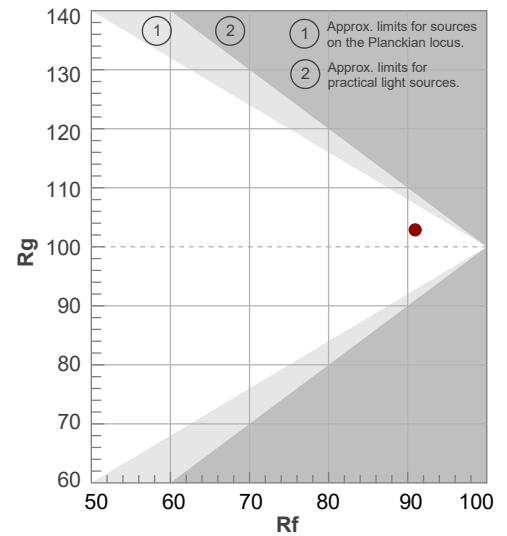
## Photometric Testing Report

ANSI/IES TM-30-18

P: 2 / V: - / F: 2



| Hue Bin | R <sub>f</sub> | Shifts (%) |      |
|---------|----------------|------------|------|
|         |                | Chroma     | Hue  |
| 1       | 93             | -3%        | -2%  |
| 2       | 94             | -3%        | 2%   |
| 3       | 88             | 0%         | 6%   |
| 4       | 90             | 2%         | 6%   |
| 5       | 92             | 3%         | 4%   |
| 6       | 91             | 6%         | 0%   |
| 7       | 92             | 2%         | -5%  |
| 8       | 94             | 0%         | -4%  |
| 9       | 95             | -2%        | -1%  |
| 10      | 90             | -3%        | 5%   |
| 11      | 86             | -1%        | 10%  |
| 12      | 87             | 5%         | 6%   |
| 13      | 93             | 5%         | 0%   |
| 14      | 90             | 7%         | -4%  |
| 15      | 91             | 3%         | -5%  |
| 16      | 88             | 2%         | -10% |



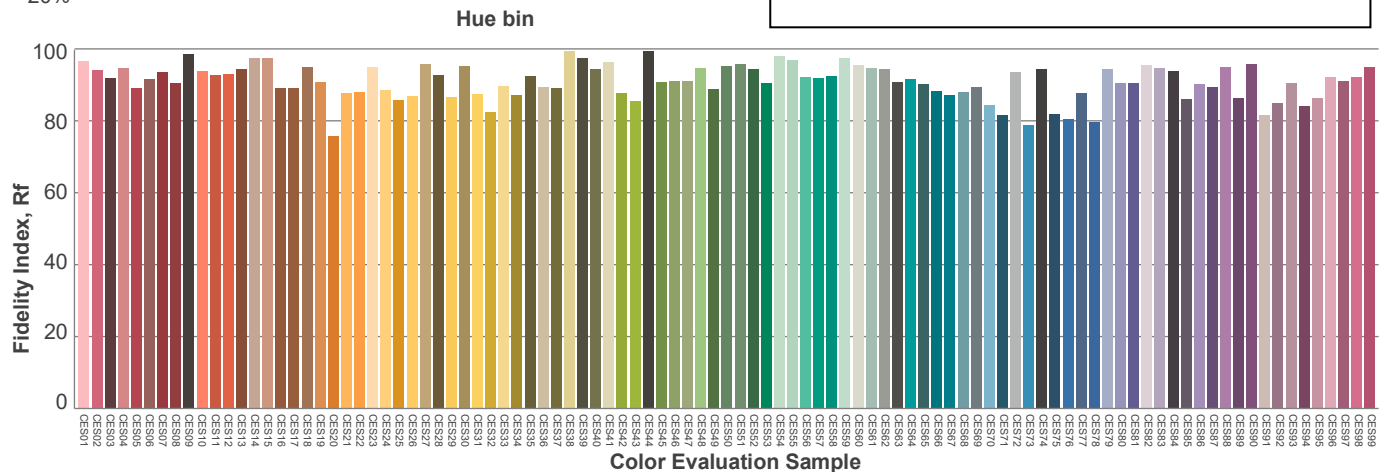
Red: 40.3%, Power=11.0mW

Blue: 7.4%, Power=4.2mW

Green: 23.9%, Power=12.0mW

UVA: 0%, Power=0.0mW

Dominant Wavelength: 584nm

1<sup>st</sup> Peak Wavelength: 627nm2<sup>nd</sup> Peak Wavelength: 451nm

|                                                                 |                                                   |     |     |     |     |                                         |     |     |     |     |
|-----------------------------------------------------------------|---------------------------------------------------|-----|-----|-----|-----|-----------------------------------------|-----|-----|-----|-----|
| p Ceiling                                                       | 70                                                | 70  | 50  | 50  | 30  | 70                                      | 70  | 50  | 50  | 30  |
| p Walls                                                         | 50                                                | 30  | 50  | 30  | 30  | 50                                      | 30  | 50  | 30  | 30  |
| p Floor                                                         | 20                                                | 20  | 20  | 20  | 20  | 20                                      | 20  | 20  | 20  | 20  |
| Room size<br>X      Y                                           | Viewing direction at right angles to<br>lamp axis |     |     |     |     | Viewing direction parallel to lamp axis |     |     |     |     |
| n/a                                                             | n/a                                               | n/a | n/a | n/a | n/a | n/a                                     | n/a | n/a | n/a | n/a |
| n/a                                                             | n/a                                               | n/a | n/a | n/a | n/a | n/a                                     | n/a | n/a | n/a | n/a |
| n/a                                                             | n/a                                               | n/a | n/a | n/a | n/a | n/a                                     | n/a | n/a | n/a | n/a |
| n/a                                                             | n/a                                               | n/a | n/a | n/a | n/a | n/a                                     | n/a | n/a | n/a | n/a |
| n/a                                                             | n/a                                               | n/a | n/a | n/a | n/a | n/a                                     | n/a | n/a | n/a | n/a |
| n/a                                                             | n/a                                               | n/a | n/a | n/a | n/a | n/a                                     | n/a | n/a | n/a | n/a |
| n/a                                                             | n/a                                               | n/a | n/a | n/a | n/a | n/a                                     | n/a | n/a | n/a | n/a |
| n/a                                                             | n/a                                               | n/a | n/a | n/a | n/a | n/a                                     | n/a | n/a | n/a | n/a |
| n/a                                                             | n/a                                               | n/a | n/a | n/a | n/a | n/a                                     | n/a | n/a | n/a | n/a |
| n/a                                                             | n/a                                               | n/a | n/a | n/a | n/a | n/a                                     | n/a | n/a | n/a | n/a |
| n/a                                                             | n/a                                               | n/a | n/a | n/a | n/a | n/a                                     | n/a | n/a | n/a | n/a |
| n/a                                                             | n/a                                               | n/a | n/a | n/a | n/a | n/a                                     | n/a | n/a | n/a | n/a |
| n/a                                                             | n/a                                               | n/a | n/a | n/a | n/a | n/a                                     | n/a | n/a | n/a | n/a |
| n/a                                                             | n/a                                               | n/a | n/a | n/a | n/a | n/a                                     | n/a | n/a | n/a | n/a |
| n/a                                                             | n/a                                               | n/a | n/a | n/a | n/a | n/a                                     | n/a | n/a | n/a | n/a |
| n/a                                                             | n/a                                               | n/a | n/a | n/a | n/a | n/a                                     | n/a | n/a | n/a | n/a |
| n/a                                                             | n/a                                               | n/a | n/a | n/a | n/a | n/a                                     | n/a | n/a | n/a | n/a |
| n/a                                                             | n/a                                               | n/a | n/a | n/a | n/a | n/a                                     | n/a | n/a | n/a | n/a |
| n/a                                                             | n/a                                               | n/a | n/a | n/a | n/a | n/a                                     | n/a | n/a | n/a | n/a |
| Variation of the observer position for the luminaire distance S |                                                   |     |     |     |     |                                         |     |     |     |     |
| n/a                                                             | n/a                                               |     |     |     |     | n/a                                     |     |     |     |     |
| n/a                                                             | n/a                                               |     |     |     |     | n/a                                     |     |     |     |     |
| n/a                                                             | n/a                                               |     |     |     |     | n/a                                     |     |     |     |     |
| Standard table                                                  | n/a                                               |     |     |     |     | n/a                                     |     |     |     |     |
| Correction<br>summand                                           | n/a                                               |     |     |     |     | n/a                                     |     |     |     |     |
| Corrected glare indices referring to 951 lm total luminous flux |                                                   |     |     |     |     |                                         |     |     |     |     |

UGR data could not be calculated due to missing/wrong symmetry. Goto Edit->Photometric->Corrections and select Correct asymmetry.  
UGR data could not be calculated due to missing/wrong symmetry. Goto Edit->Photometric->Corrections and select Correct asymmetry.  
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