

## Light efficiency:

49 Lumen/Watt

## Color temperature:

3079 K

## Light quality:

CRI:93.3, R<sub>g</sub>:91.1, R<sub>f</sub>:102.8

P: 2 / V: - / F: 2

Output: 713 lm

Peak: 1090 cd

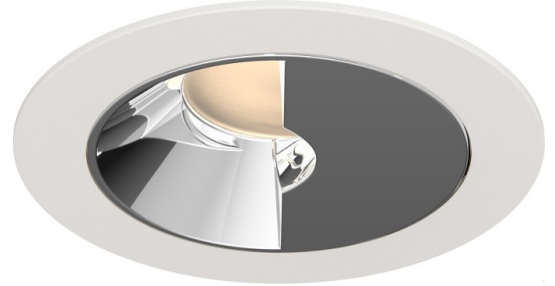
Power: 14.7 W

Voltage: 120 V

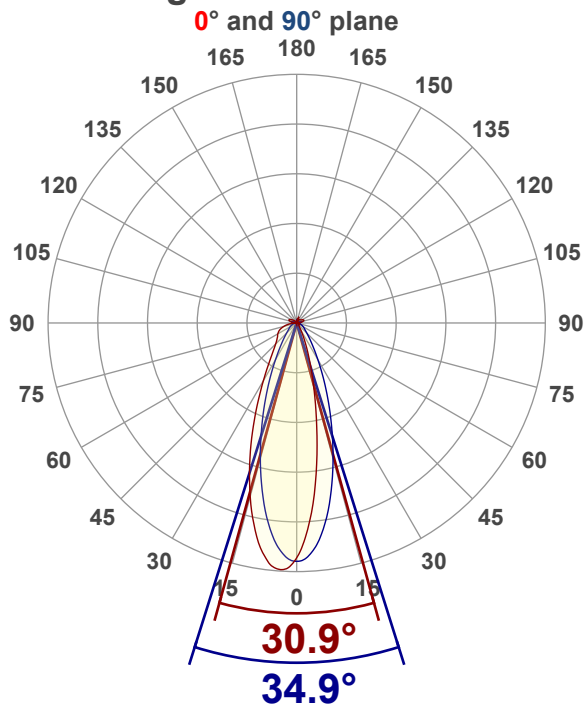
Current: 0.124 A

PF: 0.99

THD: 13.56 %



## Angular Distribution



Product name:

DRW-A30WG0SW-XX1-XXX

Test Date:

4/14/2025

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

32.6°

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

73.9°

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

221.5°

## Beam Details

\*measured at centre of beam

| Mounting Height<br>(feet)\(meter) | Lux*   | Footcandles* | Beam width<br>(feet) / (meter) |
|-----------------------------------|--------|--------------|--------------------------------|
| 4 ft / 1.2 m                      | 697 lx | 65 fc        | 2.3 ft / 0.7 m                 |
| 8 ft / 2.4 m                      | 174 lx | 16 fc        | 4.7 ft / 1.4 m                 |
| 12 ft / 3.7 m                     | 77 lx  | 7 fc         | 7 ft / 2.1 m                   |
| 16 ft / 4.9 m                     | 44 lx  | 4 fc         | 9.3 ft / 2.8 m                 |
| 20 ft / 6.1 m                     | 28 lx  | 3 fc         | 11.7 ft / 3.6 m                |

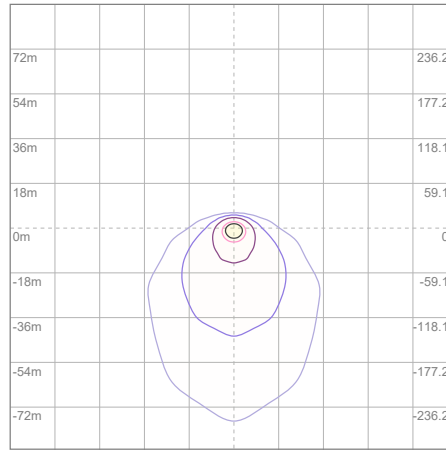
Beam center

# Photometric Testing Report

## Zonal Lumen Summary

| Zone   | Lumen | %Luminaire |
|--------|-------|------------|
| 0-30   | 367   | 51.47%     |
| 0-40   | 444   | 62.27%     |
| 0-60   | 542   | 76.02%     |
| 60-90  | 77.3  | 10.84%     |
| 70-100 | 47.4  | 6.65%      |
| 90-120 | 58.2  | 8.16%      |
| 0-90   | 619   | 86.82%     |
| 90-180 | 94.1  | 13.20%     |
| 0-180  | 713   | 100.00%    |

## ISO Lux Diagram



|                |          |
|----------------|----------|
| Lux at center: | 111 lx   |
| 3%             | 3.33 lx  |
| 5%             | 5.55 lx  |
| 10%            | 11.10 lx |
| 30%            | 33.30 lx |
| 50%            | 55.50 lx |

### Conditions:

Number of planes: 8

Lux distribution on a surface when lamp is mounted at 3.05 meters from the surface.

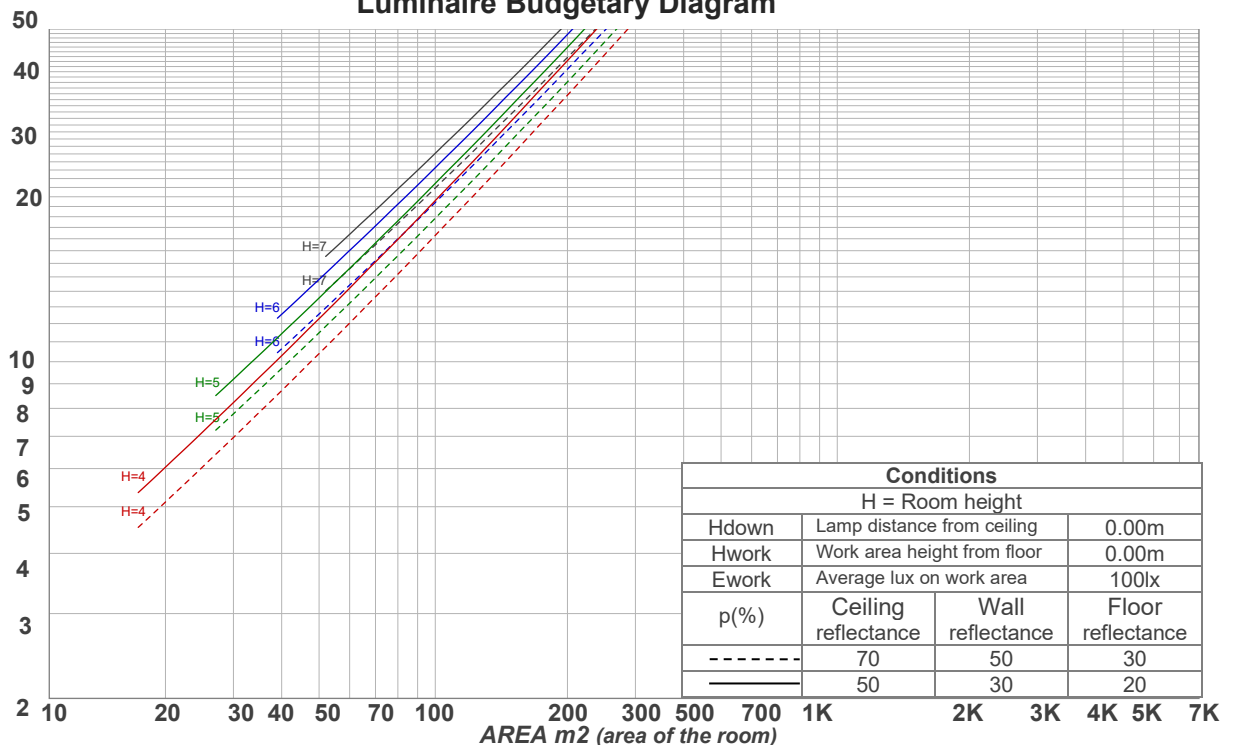
Mounting height: 3.05 meters (10 feet)

## 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                   | 116                                                                                                      | 116 | 116 | 116 | 112 | 112 | 112 | 112 | 104 | 104 | 104 | 97 | 97 | 97 | 90 | 90 | 90 | 87 |
| 1                   | 108                                                                                                      | 104 | 101 | 98  | 104 | 101 | 98  | 95  | 94  | 92  | 90  | 88 | 86 | 85 | 83 | 81 | 80 | 77 |
| 2                   | 101                                                                                                      | 94  | 89  | 85  | 97  | 91  | 87  | 83  | 86  | 82  | 79  | 81 | 78 | 75 | 76 | 74 | 72 | 69 |
| 3                   | 94                                                                                                       | 86  | 80  | 75  | 91  | 84  | 78  | 73  | 79  | 74  | 70  | 75 | 71 | 68 | 71 | 68 | 65 | 63 |
| 4                   | 88                                                                                                       | 79  | 72  | 67  | 85  | 77  | 71  | 66  | 73  | 68  | 64  | 69 | 65 | 62 | 66 | 62 | 60 | 57 |
| 5                   | 83                                                                                                       | 73  | 66  | 61  | 80  | 71  | 65  | 60  | 68  | 63  | 58  | 65 | 60 | 57 | 62 | 58 | 55 | 53 |
| 6                   | 79                                                                                                       | 68  | 61  | 56  | 76  | 67  | 60  | 56  | 64  | 58  | 54  | 61 | 56 | 53 | 58 | 54 | 51 | 49 |
| 7                   | 74                                                                                                       | 64  | 57  | 52  | 72  | 62  | 56  | 52  | 60  | 54  | 50  | 58 | 53 | 49 | 55 | 51 | 48 | 46 |
| 8                   | 71                                                                                                       | 60  | 53  | 49  | 69  | 59  | 53  | 48  | 57  | 51  | 47  | 54 | 50 | 46 | 52 | 48 | 45 | 44 |
| 9                   | 67                                                                                                       | 57  | 50  | 46  | 65  | 56  | 49  | 45  | 54  | 48  | 44  | 52 | 47 | 44 | 50 | 46 | 43 | 41 |
| 10                  | 64                                                                                                       | 54  | 47  | 43  | 62  | 53  | 47  | 43  | 51  | 46  | 42  | 49 | 45 | 41 | 48 | 44 | 41 | 39 |

LAMPS (number of lamps)

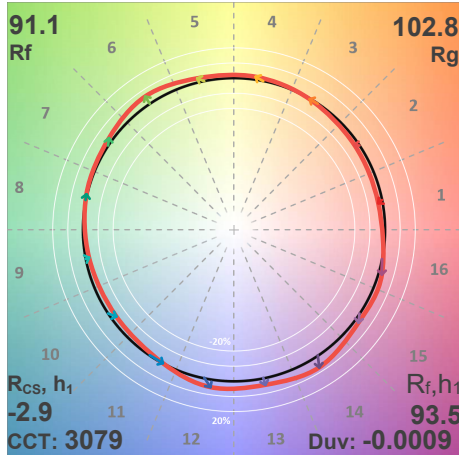
## Luminaire Budgetary Diagram



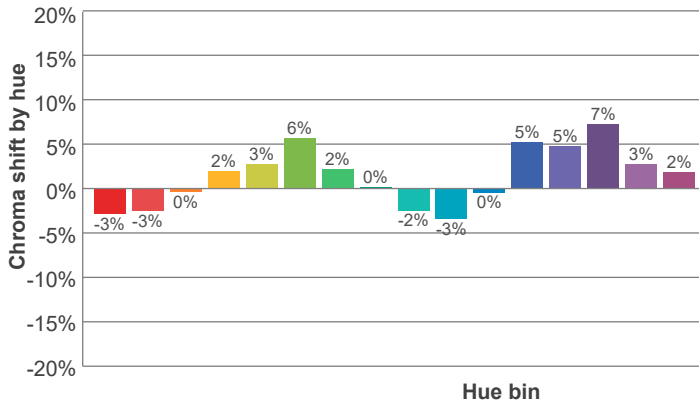
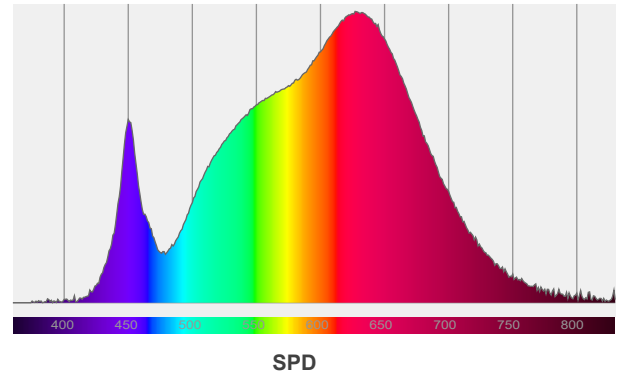
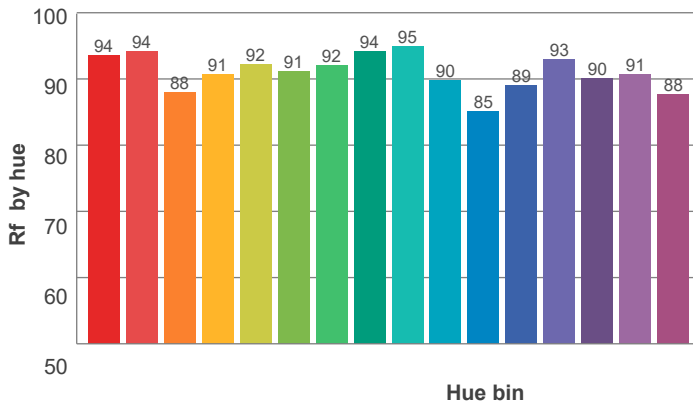
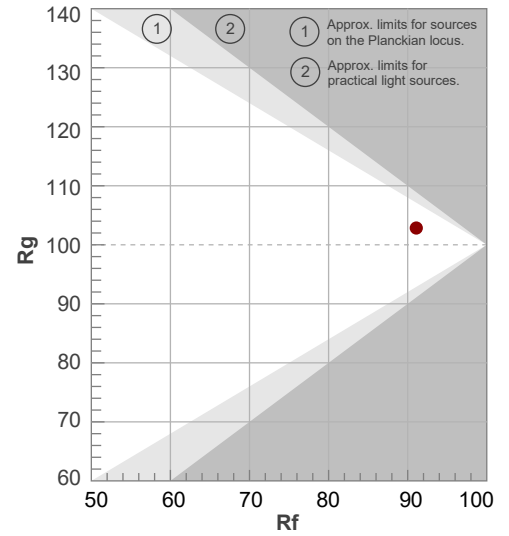
## Photometric Testing Report

ANSI/IES TM-30-18

P: 2 / V: - / F: 2



| Hue Bin | R <sub>f</sub> | Shifts (%) |      |
|---------|----------------|------------|------|
|         |                | Chroma     | Hue  |
| 1       | 94             | -3%        | -2%  |
| 2       | 94             | -3%        | 2%   |
| 3       | 88             | 0%         | 6%   |
| 4       | 91             | 2%         | 5%   |
| 5       | 92             | 3%         | 4%   |
| 6       | 91             | 6%         | 0%   |
| 7       | 92             | 2%         | -4%  |
| 8       | 94             | 0%         | -4%  |
| 9       | 95             | -2%        | 0%   |
| 10      | 90             | -3%        | 5%   |
| 11      | 85             | 0%         | 10%  |
| 12      | 89             | 5%         | 5%   |
| 13      | 93             | 5%         | 0%   |
| 14      | 90             | 7%         | -4%  |
| 15      | 91             | 3%         | -5%  |
| 16      | 88             | 2%         | -10% |



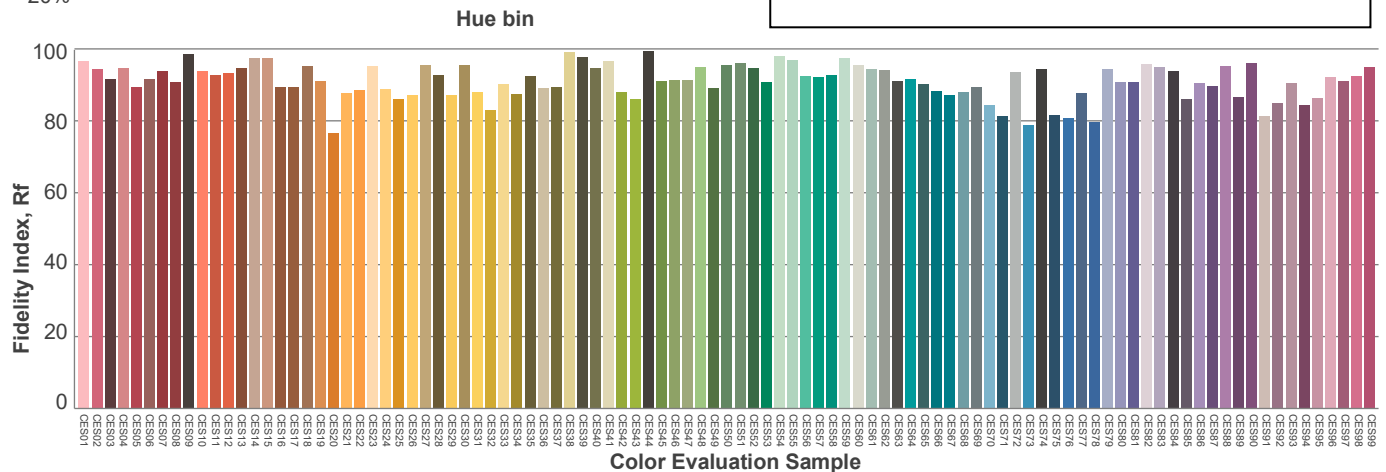
Red: 40.1%, Power=8.2mW

Blue: 7.5%, Power=3.2mW

Green: 24.1%, Power=9.1mW

UVA: 0.1%, Power=0.1mW

Dominant Wavelength: 584nm

1<sup>st</sup> Peak Wavelength: 627nm2<sup>nd</sup> Peak Wavelength: 450nm

## Glare Evaluation According to UGR

|                                                                 |                                                   |     |     |     |     |                                         |     |     |     |     |
|-----------------------------------------------------------------|---------------------------------------------------|-----|-----|-----|-----|-----------------------------------------|-----|-----|-----|-----|
| 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 713 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.  
Due to our continued efforts to improve our products, product specifications are subject to change without notice. Please refer to our website for the latest test results.