

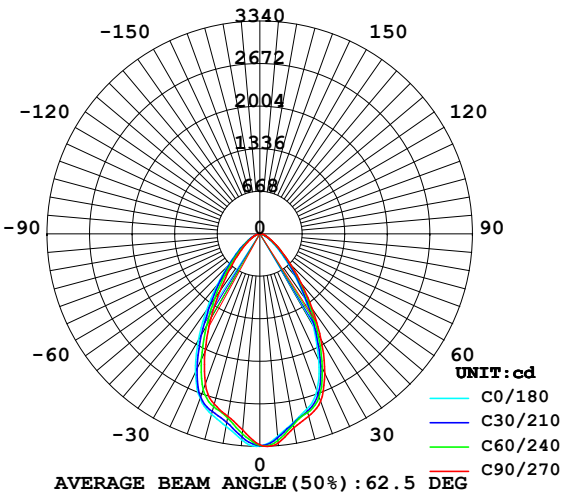
PHOTOMETRIC TEST REPORT

Report number: 0001342

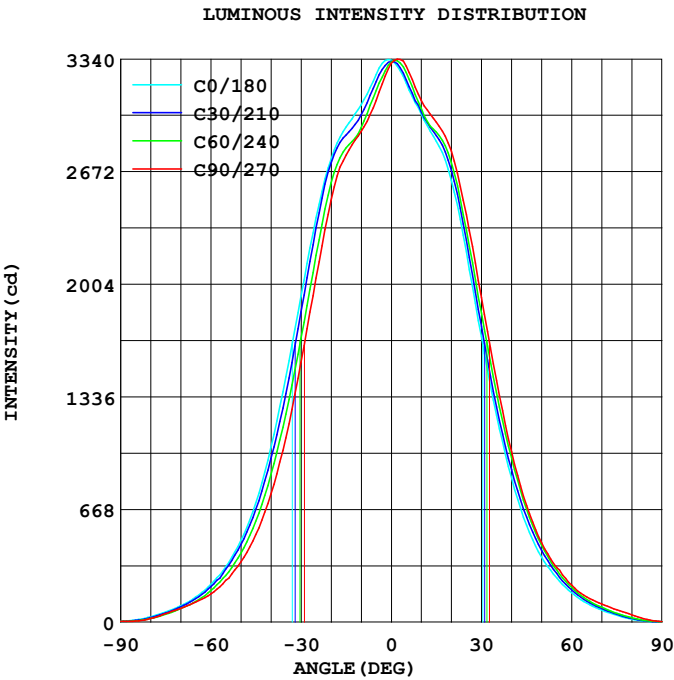
|   |                                |             |
|---|--------------------------------|-------------|
| MANUFACTURER: FIBERLI                   | Address:PSL ELEKTRONIK ANTALYA |             |
| NAME: WH9 MP108 CW 60D 32W 220V AC IP66 | TYPE:WALL WASHER               | WEIGHT:5.3  |
| SPECIFICATION:WALL WASHER               | DIMENSION: 475x310x70mm        | SERIAL No.: |

|                     |        |                        |         |                         |      |
|---------------------|--------|------------------------|---------|-------------------------|------|
| TEST DATA:          |        |                        |         |                         |      |
| MODEL:              | WH9    | Imax (cd) :            | 3346    | $\eta$ street_up(%) :   | 0.3  |
| NOMINAL POWER(W) :  | 32     | MAXIMUM(C, $\gamma$ ): | 285,3.0 | $\eta$ street_down(%) : | 56.1 |
| RATED VOLTAGE (V) : | 220    | TOTAL FLUX(lm) :       | 3850    | $\eta$ house_up(%)      | 0.3  |
| NOMINAL FLUX(lm) :  | 3849.8 | EFFICIENCY(%) :        | 100.0   | $\eta$ house_down(%) :  | 43.3 |
| TEST FLUX(lm:       | 3850   | $\eta$ up(%) :         | 0.6     |                         |      |
| LAMPS QUANTITY:     | 1      | $\eta$ down(%) :       | 99.4    |                         |      |

INTENSITY DISTRIBUTION DIAGRAM  
IN C PLANS



INTENSITY DISTRIBUTION DIAGRAM  
IN C PLANS



Test:U:220.8V I:0.148A P:31.51W PF:0.961

Test System:LSG-1600  
Temperature:23.3 DEG  
Operators:REGSIP DASTAN  
Test Date:02-20-2017

Test Set: 2.0deg/s C-Gamma (TYPE C)  
Humidity:50.0%  
Test Distance:9.545 m  
Remarks: WH9 MP108 CW 60D 32W 220V AC IP66

ZONAL FLUX DIAGRAM

Report number: 0001342

|   |                                |             |
|---|--------------------------------|-------------|
| MANUFACTURER: FIBERLI                   | Address:PSL ELEKTRONIK ANTALYA |             |
| NAME: WH9 MP108 CW 60D 32W 220V AC IP66 | TYPE:WALL WASHER               | WEIGHT:5.3  |
| SPECIFICATION:WALL WASHER               | DIMENSION: 475x310x70mm        | SERIAL No.: |

| γ     | C0                    | C45   | C90   | C135  | C180  | C225  | C270  | C315  | γ       | Φ zone  | Φ total |
|-------|-----------------------|-------|-------|-------|-------|-------|-------|-------|---------|---------|---------|
| 5.0   | 3249                  | 3179  | 3095  | 3105  | 3196  | 3240  | 3298  | 3311  | 0- 5    | 77.60   | 77.60   |
| 10.0  | 3067                  | 2977  | 2909  | 2910  | 3013  | 3018  | 3094  | 3119  | 5- 10   | 220.1   | 297.7   |
| 15.0  | 2936                  | 2859  | 2770  | 2745  | 2852  | 2879  | 2965  | 2958  | 10- 15  | 346.3   | 644.1   |
| 20.0  | 2746                  | 2664  | 2502  | 2471  | 2620  | 2700  | 2794  | 2779  | 15- 20  | 454.0   | 1098    |
| 25.0  | 2397                  | 2260  | 2041  | 2034  | 2195  | 2300  | 2417  | 2477  | 20- 25  | 509.1   | 1607    |
| 30.0  | 1932                  | 1769  | 1541  | 1538  | 1692  | 1804  | 1925  | 2045  | 25- 30  | 497.5   | 2105    |
| 35.0  | 1455                  | 1299  | 1094  | 1104  | 1227  | 1337  | 1434  | 1553  | 30- 35  | 437.5   | 2542    |
| 40.0  | 1037                  | 922.2 | 759.1 | 768.2 | 854.6 | 956.8 | 1011  | 1123  | 35- 40  | 356.0   | 2898    |
| 45.0  | 708.0                 | 635.8 | 518.3 | 522.1 | 574.8 | 664.6 | 692.8 | 783.5 | 40- 45  | 274.7   | 3173    |
| 50.0  | 482.3                 | 430.2 | 356.7 | 354.8 | 384.9 | 454.0 | 470.7 | 538.7 | 45- 50  | 205.0   | 3378    |
| 55.0  | 328.4                 | 292.7 | 247.1 | 236.1 | 262.8 | 310.8 | 323.8 | 368.2 | 50- 55  | 150.3   | 3529    |
| 60.0  | 222.8                 | 192.6 | 165.9 | 156.1 | 174.1 | 208.2 | 218.3 | 246.8 | 55- 60  | 107.8   | 3636    |
| 65.0  | 148.1                 | 126.7 | 118.8 | 101.2 | 112.5 | 137.8 | 149.0 | 164.9 | 60- 65  | 75.65   | 3712    |
| 70.0  | 97.02                 | 79.99 | 81.44 | 61.77 | 71.51 | 89.37 | 108.1 | 109.1 | 65- 70  | 52.04   | 3764    |
| 75.0  | 60.03                 | 45.73 | 50.10 | 32.52 | 40.08 | 53.57 | 73.79 | 68.87 | 70- 75  | 33.81   | 3798    |
| 80.0  | 31.52                 | 20.95 | 20.95 | 12.48 | 16.94 | 26.78 | 43.00 | 37.99 | 75- 80  | 18.91   | 3817    |
| 85.0  | 12.20                 | 6.104 | 6.104 | 3.462 | 4.464 | 9.748 | 15.94 | 16.30 | 80- 85  | 7.987   | 3825    |
| 90.0  | 4.919                 | 2.642 | 4.282 | 2.642 | 2.733 | 4.464 | 3.279 | 5.739 | 85- 90  | 2.829   | 3828    |
| 95.0  | 4.190                 | 2.733 | 4.190 | 2.824 | 2.824 | 4.190 | 2.733 | 4.282 | 90- 95  | 1.921   | 3830    |
| 100.0 | 4.099                 | 2.915 | 4.008 | 3.006 | 3.006 | 4.008 | 2.824 | 4.008 | 95-100  | 1.883   | 3831    |
| 105.0 | 4.099                 | 3.097 | 4.008 | 3.188 | 3.279 | 4.008 | 3.097 | 4.008 | 100-105 | 1.889   | 3833    |
| 110.0 | 4.190                 | 3.370 | 4.190 | 3.553 | 3.553 | 4.099 | 3.279 | 4.099 | 105-110 | 1.930   | 3835    |
| 115.0 | 4.373                 | 3.826 | 4.555 | 4.008 | 4.008 | 4.373 | 3.644 | 4.282 | 110-115 | 2.010   | 3837    |
| 120.0 | 4.828                 | 4.373 | 5.010 | 4.646 | 4.646 | 4.828 | 4.099 | 4.555 | 115-120 | 2.134   | 3839    |
| 125.0 | 5.375                 | 5.101 | 5.648 | 5.466 | 5.375 | 5.375 | 4.737 | 5.101 | 120-125 | 2.297   | 3842    |
| 130.0 | 6.195                 | 5.921 | 6.468 | 6.377 | 6.286 | 6.195 | 5.648 | 5.830 | 125-130 | 2.495   | 3844    |
| 135.0 | 7.197                 | 7.015 | 7.470 | 7.470 | 7.288 | 7.106 | 6.559 | 6.650 | 130-135 | 2.698   | 3847    |
| 140.0 | 8.108                 | 8.199 | 8.564 | 8.655 | 8.472 | 8.108 | 7.652 | 7.652 | 135-140 | 2.859   | 3850    |
| 145.0 | 0                     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 140-145 | 0       | 3850    |
| 150.0 | 0                     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 145-150 | 0       | 3850    |
| 155.0 | 0                     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 150-155 | 0       | 3850    |
| 160.0 | 0                     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 155-160 | 0       | 3850    |
| 165.0 | 0                     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 160-165 | 0       | 3850    |
| 170.0 | 0                     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 165-170 | 0       | 3850    |
| 175.0 | 0                     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 170-175 | 0       | 3850    |
| 180.0 | 0                     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 175-180 | 0       | 3850    |
| DEG   | LUMINOUS INTENSITY:cd |       |       |       |       |       |       |       |         | UNIT:lm |         |

Test System:LSG-1600  
 Temperature:23.3 DEG  
 Operators:REGSIP DASTAN  
 Test Date:02-20-2017

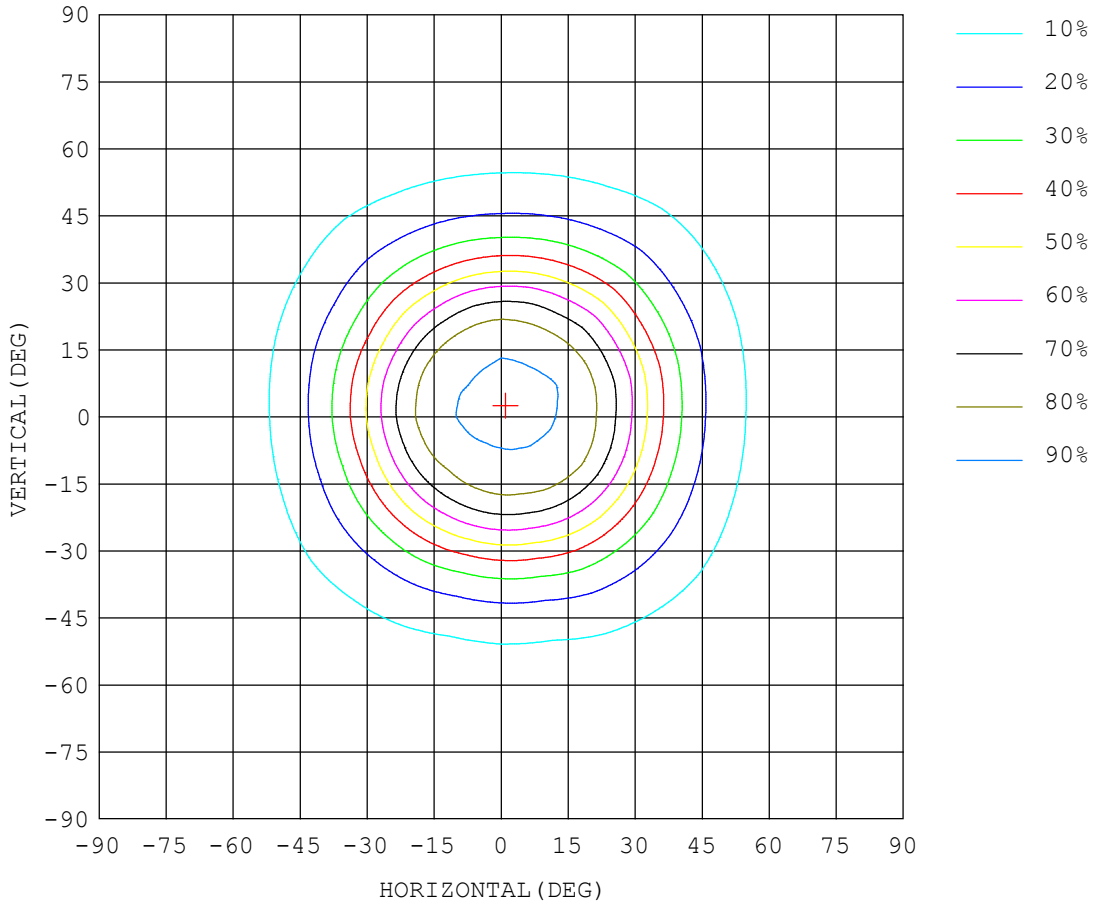
Test Set: 2.0deg/s C-Gamma (TYPE C)  
 Humidity:50.0%  
 Test Distance:9.545 m  
 Remarks: WH9 MP108 CW 60D 32W 220V AC IP66

## ISOCANDELA DIAGRAM

Report number: 0001342

|   |                                |             |
|---|--------------------------------|-------------|
| MANUFACTURER: FIBERLI                   | Address:PSL ELEKTRONIK ANTALYA |             |
| NAME: WH9 MP108 CW 60D 32W 220V AC IP66 | TYPE:WALL WASHER               | WEIGHT:5.3  |
| SPECIFICATION:WALL WASHER               | DIMENSION: 475x310x70mm        | SERIAL No.: |

UNIT: cd



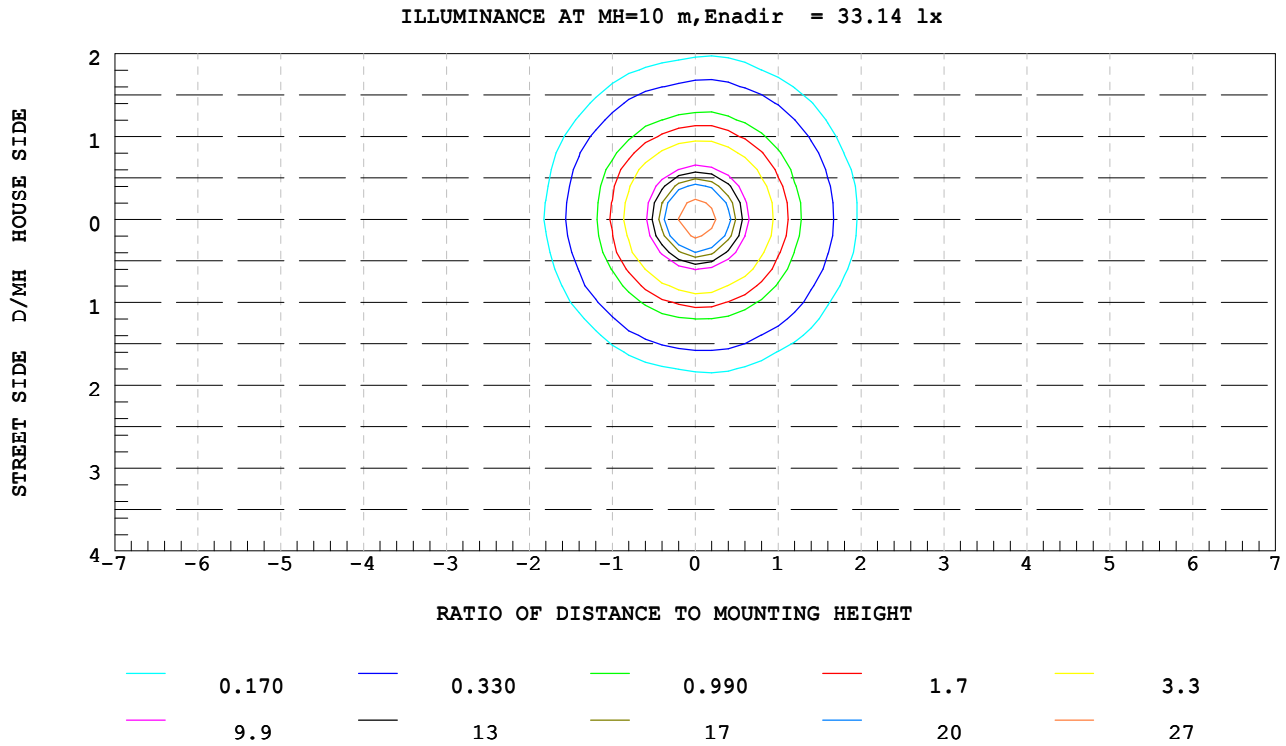
Test System:LSG-1600  
Temperature:23.3 DEG  
Operators:REGSIP DASTAN  
Test Date:02-20-2017

Test Set: 2.0deg/s C-Gamma (TYPE C)  
Humidity:50.0%  
Test Distance:9.545 m  
Remarks: WH9 MP108 CW 60D 32W 220V AC IP66

ISOLUX DIAGRAM

Report number: 0001342

|   |                                |             |
|---|--------------------------------|-------------|
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| NAME: WH9 MP108 CW 60D 32W 220V AC IP66 | TYPE:WALL WASHER               | WEIGHT:5.3  |
| SPECIFICATION:WALL WASHER               | DIMENSION: 475x310x70mm        | SERIAL No.: |



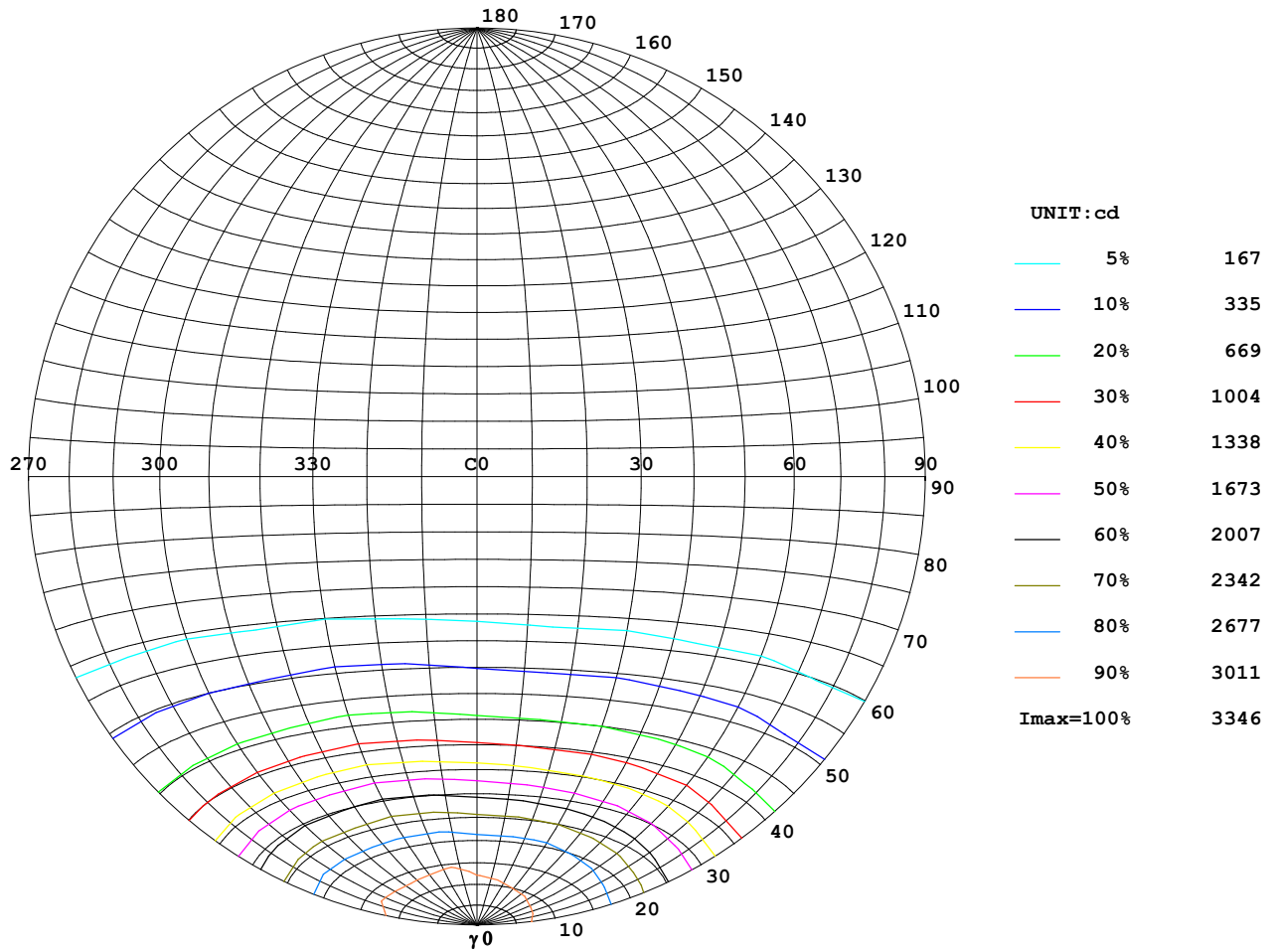
Test System:LSG-1600  
Temperature:23.3 DEG  
Operators:REGSIP DASTAN  
Test Date:02-20-2017

Test Set: 2.0deg/s C-Gamma (TYPE C)  
Humidity:50.0%  
Test Distance:9.545 m  
Remarks: WH9 MP108 CW 60D 32W 220V AC IP66

# ISOCANDELA DIAGRAM

Report number: 0001342

|   |                                |             |
|---|--------------------------------|-------------|
| MANUFACTURER: FIBERLI                   | Address:PSL ELEKTRONIK ANTALYA |             |
| NAME: WH9 MP108 CW 60D 32W 220V AC IP66 | TYPE:WALL WASHER               | WEIGHT:5.3  |
| SPECIFICATION:WALL WASHER               | DIMENSION: 475x310x70mm        | SERIAL No.: |



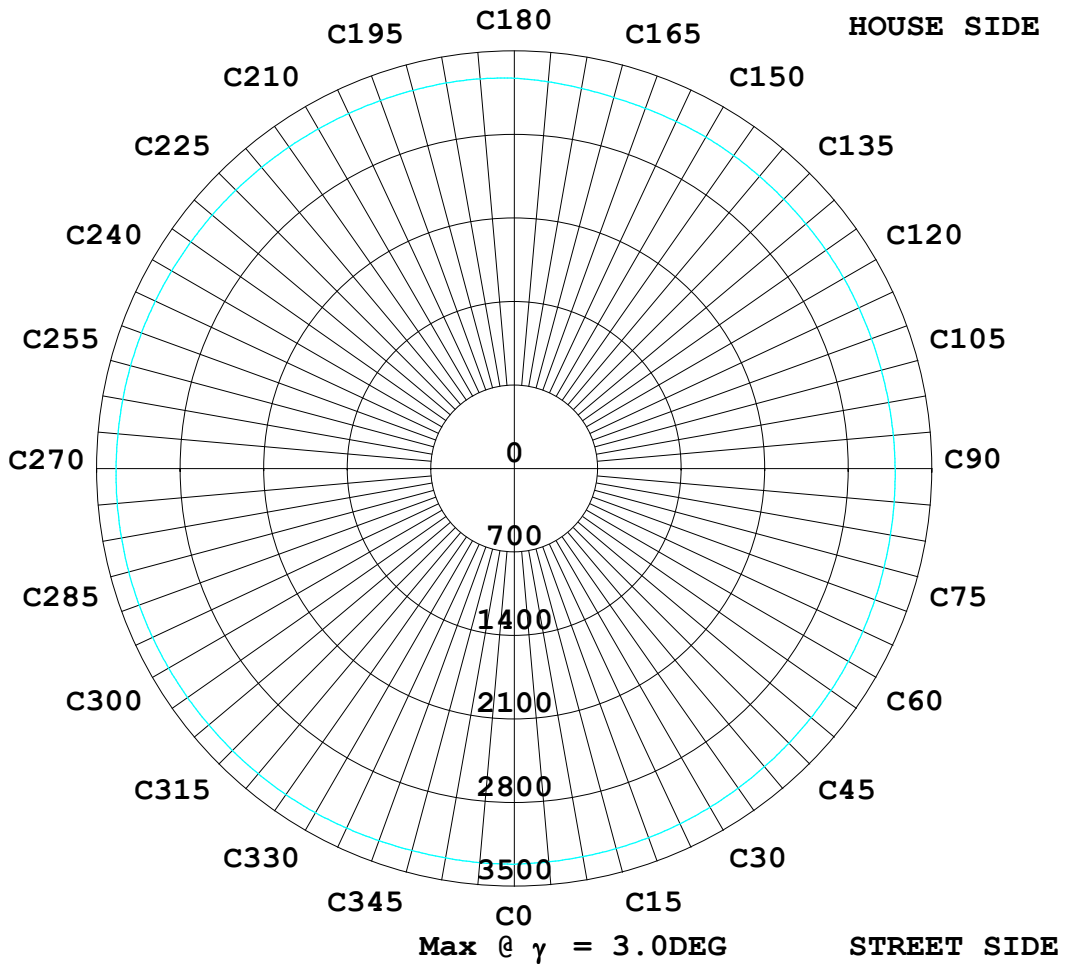
Test System:LSG-1600  
 Temperature:23.3 DEG  
 Operators:REGSIP DASTAN  
 Test Date:02-20-2017

Test Set: 2.0deg/s C-Gamma (TYPE C)  
 Humidity:50.0%  
 Test Distance:9.545 m  
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# ISOCANDELA DIAGRAM

Report number: 0001342

|   |                                |             |
|---|--------------------------------|-------------|
| MANUFACTURER: FIBERLI                   | Address:PSL ELEKTRONIK ANTALYA |             |
| NAME: WH9 MP108 CW 60D 32W 220V AC IP66 | TYPE:WALL WASHER               | WEIGHT:5.3  |
| SPECIFICATION:WALL WASHER               | DIMENSION: 475x310x70mm        | SERIAL No.: |



Test System:LSG-1600  
 Temperature:23.3 DEG  
 Operators:REGSIP DASTAN  
 Test Date:02-20-2017

Test Set: 2.0deg/s C-Gamma (TYPE C)  
 Humidity:50.0%  
 Test Distance:9.545 m  
 Remarks: WH9 MP108 CW 60D 32W 220V AC IP66

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number: 0001342

|   |                                |             |
|---|--------------------------------|-------------|
| MANUFACTURER: FIBERLI                   | Address:PSL ELEKTRONIK ANTALYA |             |
| NAME: WH9 MP108 CW 60D 32W 220V AC IP66 | TYPE:WALL WASHER               | WEIGHT:5.3  |
| SPECIFICATION:WALL WASHER               | DIMENSION: 475x310x70mm        | SERIAL No.: |

UNIT: cd

| C (DEG)<br>γ (DEG) | 0    | 15   | 30   | 45   | 60   | 75   | 90   | 105  | 120  | 135  | 150  | 165  | 180  | 195  | 210  |
|--------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 0.0                | 3333 | 3331 | 3326 | 3323 | 3322 | 3317 | 3314 | 3313 | 3313 | 3311 | 3313 | 3308 | 3333 | 3331 | 3326 |
| 5.0                | 3249 | 3226 | 3206 | 3179 | 3153 | 3116 | 3095 | 3087 | 3091 | 3105 | 3126 | 3143 | 3196 | 3204 | 3217 |
| 10.0               | 3067 | 3045 | 3009 | 2977 | 2933 | 2916 | 2909 | 2904 | 2884 | 2910 | 2947 | 2966 | 3013 | 3014 | 3026 |
| 15.0               | 2936 | 2924 | 2890 | 2859 | 2812 | 2793 | 2770 | 2757 | 2742 | 2745 | 2774 | 2811 | 2852 | 2866 | 2886 |
| 20.0               | 2746 | 2748 | 2722 | 2664 | 2604 | 2533 | 2502 | 2472 | 2463 | 2471 | 2517 | 2556 | 2620 | 2655 | 2681 |
| 25.0               | 2397 | 2381 | 2338 | 2260 | 2175 | 2082 | 2041 | 2013 | 2005 | 2034 | 2067 | 2119 | 2195 | 2241 | 2265 |
| 30.0               | 1932 | 1895 | 1839 | 1769 | 1682 | 1586 | 1541 | 1507 | 1516 | 1538 | 1563 | 1605 | 1692 | 1736 | 1755 |
| 35.0               | 1455 | 1404 | 1354 | 1299 | 1233 | 1130 | 1094 | 1065 | 1091 | 1104 | 1125 | 1156 | 1227 | 1265 | 1277 |
| 40.0               | 1037 | 991  | 970  | 922  | 874  | 787  | 759  | 734  | 758  | 768  | 788  | 803  | 855  | 889  | 904  |
| 45.0               | 708  | 682  | 668  | 636  | 599  | 534  | 518  | 496  | 516  | 522  | 545  | 550  | 575  | 611  | 623  |
| 50.0               | 482  | 467  | 459  | 430  | 408  | 362  | 357  | 337  | 350  | 355  | 373  | 371  | 385  | 414  | 425  |
| 55.0               | 328  | 314  | 314  | 293  | 277  | 248  | 247  | 230  | 241  | 236  | 252  | 250  | 263  | 279  | 290  |
| 60.0               | 223  | 210  | 210  | 193  | 187  | 165  | 166  | 153  | 160  | 156  | 167  | 165  | 174  | 190  | 191  |
| 65.0               | 148  | 139  | 139  | 127  | 123  | 110  | 119  | 103  | 106  | 101  | 109  | 107  | 113  | 125  | 125  |
| 70.0               | 97.0 | 89.3 | 90.6 | 79.9 | 79.9 | 71.1 | 81.4 | 66.7 | 66.5 | 61.7 | 68.4 | 67.1 | 71.5 | 81.4 | 80.1 |
| 75.0               | 60.0 | 53.3 | 54.1 | 45.7 | 45.9 | 40.5 | 50.1 | 37.1 | 36.2 | 32.5 | 37.7 | 36.5 | 40.0 | 47.7 | 46.4 |
| 80.0               | 31.5 | 26.1 | 26.6 | 20.9 | 21.3 | 16.9 | 20.9 | 14.3 | 15.1 | 12.4 | 15.8 | 14.5 | 16.9 | 22.3 | 20.9 |
| 85.0               | 12.2 | 8.38 | 9.74 | 6.10 | 7.37 | 4.37 | 6.10 | 3.55 | 5.46 | 3.46 | 5.64 | 3.82 | 4.46 | 7.47 | 6.01 |
| 90.0               | 4.91 | 2.91 | 4.46 | 2.64 | 4.37 | 2.64 | 4.28 | 2.64 | 4.28 | 2.64 | 4.28 | 2.64 | 2.73 | 4.37 | 2.64 |
| 95.0               | 4.19 | 2.73 | 4.09 | 2.73 | 4.09 | 2.73 | 4.19 | 2.82 | 4.09 | 2.82 | 4.09 | 2.73 | 2.82 | 4.19 | 2.73 |
| 100.0              | 4.09 | 2.91 | 4.00 | 2.91 | 4.00 | 2.91 | 4.00 | 3.00 | 4.00 | 3.00 | 4.00 | 2.91 | 3.00 | 4.09 | 2.91 |
| 105.0              | 4.09 | 3.09 | 4.00 | 3.09 | 4.00 | 3.09 | 4.00 | 3.18 | 4.09 | 3.18 | 4.09 | 3.18 | 3.27 | 4.09 | 3.18 |
| 110.0              | 4.19 | 3.37 | 4.19 | 3.37 | 4.19 | 3.46 | 4.19 | 3.55 | 4.19 | 3.55 | 4.19 | 3.55 | 3.55 | 4.19 | 3.37 |
| 115.0              | 4.37 | 3.82 | 4.37 | 3.82 | 4.46 | 3.82 | 4.55 | 3.91 | 4.55 | 4.00 | 4.55 | 4.00 | 4.00 | 4.46 | 3.82 |
| 120.0              | 4.82 | 4.37 | 4.82 | 4.37 | 4.82 | 4.46 | 5.01 | 4.55 | 5.01 | 4.64 | 5.10 | 4.64 | 4.64 | 4.91 | 4.37 |
| 125.0              | 5.37 | 5.01 | 5.46 | 5.10 | 5.46 | 5.19 | 5.64 | 5.37 | 5.64 | 5.46 | 5.83 | 5.46 | 5.37 | 5.55 | 5.10 |
| 130.0              | 6.19 | 5.92 | 6.19 | 5.92 | 6.28 | 6.10 | 6.46 | 6.37 | 6.55 | 6.37 | 6.65 | 6.37 | 6.28 | 6.37 | 6.01 |
| 135.0              | 7.19 | 7.01 | 7.19 | 7.01 | 7.28 | 7.19 | 7.47 | 7.37 | 7.65 | 7.47 | 7.65 | 7.56 | 7.28 | 7.37 | 7.01 |
| 140.0              | 8.10 | 8.10 | 8.29 | 8.19 | 8.38 | 8.38 | 8.56 | 8.56 | 8.65 | 8.65 | 8.74 | 8.56 | 8.47 | 8.38 | 8.10 |
| 145.0              | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 150.0              | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 155.0              | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 160.0              | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 165.0              | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 170.0              | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 175.0              | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 180.0              | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Test System:LSG-1600  
 Temperature:23.3 DEG  
 Operators:REGSIP DASTAN  
 Test Date:02-20-2017

Test Set: 2.0deg/s C-Gamma (TYPE C)  
 Humidity:50.0%  
 Test Distance:9.545 m  
 Remarks: WH9 MP108 CW 60D 32W 220V AC IP66

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number: 0001342

|   |                                |             |
|---|--------------------------------|-------------|
| MANUFACTURER: FIBERLI                   | Address:PSL ELEKTRONIK ANTALYA |             |
| NAME: WH9 MP108 CW 60D 32W 220V AC IP66 | TYPE:WALL WASHER               | WEIGHT:5.3  |
| SPECIFICATION:WALL WASHER               | DIMENSION: 475x310x70mm        | SERIAL No.: |

UNIT: cd

| C (DEG)<br>γ (DEG) | 225  | 240  | 255  | 270  | 285  | 300  | 315  | 330  | 345  |
|--------------------|------|------|------|------|------|------|------|------|------|
| 0.0                | 3323 | 3322 | 3317 | 3314 | 3313 | 3313 | 3311 | 3313 | 3308 |
| 5.0                | 3240 | 3259 | 3285 | 3298 | 3306 | 3306 | 3311 | 3298 | 3269 |
| 10.0               | 3018 | 3046 | 3075 | 3094 | 3100 | 3094 | 3119 | 3123 | 3098 |
| 15.0               | 2879 | 2905 | 2926 | 2965 | 2952 | 2949 | 2958 | 2986 | 2954 |
| 20.0               | 2700 | 2725 | 2760 | 2794 | 2774 | 2776 | 2779 | 2803 | 2778 |
| 25.0               | 2300 | 2325 | 2385 | 2417 | 2440 | 2435 | 2477 | 2472 | 2461 |
| 30.0               | 1804 | 1833 | 1884 | 1925 | 1966 | 1989 | 2045 | 2016 | 2008 |
| 35.0               | 1337 | 1361 | 1397 | 1434 | 1472 | 1507 | 1553 | 1518 | 1516 |
| 40.0               | 957  | 975  | 995  | 1011 | 1047 | 1083 | 1123 | 1099 | 1091 |
| 45.0               | 665  | 670  | 683  | 693  | 718  | 747  | 784  | 763  | 755  |
| 50.0               | 454  | 455  | 463  | 471  | 488  | 509  | 539  | 526  | 521  |
| 55.0               | 311  | 310  | 316  | 324  | 334  | 344  | 368  | 360  | 354  |
| 60.0               | 208  | 206  | 218  | 218  | 231  | 232  | 247  | 238  | 239  |
| 65.0               | 138  | 134  | 146  | 149  | 156  | 153  | 165  | 157  | 160  |
| 70.0               | 89.3 | 87.8 | 98.6 | 108  | 108  | 102  | 109  | 103  | 105  |
| 75.0               | 53.5 | 52.5 | 63.3 | 73.7 | 72.4 | 64.0 | 68.8 | 62.9 | 65.9 |
| 80.0               | 26.7 | 26.0 | 35.0 | 43.0 | 42.0 | 34.6 | 37.9 | 33.2 | 35.5 |
| 85.0               | 9.74 | 8.83 | 14.1 | 15.9 | 17.8 | 13.8 | 16.3 | 12.4 | 14.3 |
| 90.0               | 4.46 | 2.91 | 5.01 | 3.27 | 5.64 | 3.64 | 5.73 | 3.37 | 5.19 |
| 95.0               | 4.19 | 2.73 | 4.19 | 2.73 | 4.28 | 2.73 | 4.28 | 2.64 | 4.19 |
| 100.0              | 4.00 | 2.91 | 4.00 | 2.82 | 4.09 | 2.82 | 4.00 | 2.82 | 4.09 |
| 105.0              | 4.00 | 3.09 | 4.00 | 3.09 | 4.00 | 3.00 | 4.00 | 3.00 | 4.00 |
| 110.0              | 4.09 | 3.37 | 4.09 | 3.27 | 4.09 | 3.18 | 4.09 | 3.27 | 4.09 |
| 115.0              | 4.37 | 3.73 | 4.28 | 3.64 | 4.28 | 3.55 | 4.28 | 3.64 | 4.28 |
| 120.0              | 4.82 | 4.28 | 4.64 | 4.09 | 4.64 | 4.09 | 4.55 | 4.09 | 4.64 |
| 125.0              | 5.37 | 4.91 | 5.19 | 4.73 | 5.10 | 4.64 | 5.10 | 4.73 | 5.19 |
| 130.0              | 6.19 | 5.83 | 6.01 | 5.64 | 5.83 | 5.46 | 5.83 | 5.46 | 5.83 |
| 135.0              | 7.10 | 6.74 | 6.92 | 6.55 | 6.74 | 6.46 | 6.65 | 6.46 | 6.74 |
| 140.0              | 8.10 | 7.92 | 7.92 | 7.65 | 7.74 | 7.56 | 7.65 | 7.56 | 7.83 |
| 145.0              | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 150.0              | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 155.0              | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 160.0              | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 165.0              | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 170.0              | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 175.0              | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 180.0              | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Test System:LSG-1600  
 Temperature:23.3 DEG  
 Operators:REGSIP DASTAN  
 Test Date:02-20-2017

Test Set: 2.0deg/s C-Gamma (TYPE C)  
 Humidity:50.0%  
 Test Distance:9.545 m  
 Remarks: WH9 MP108 CW 60D 32W 220V AC IP66