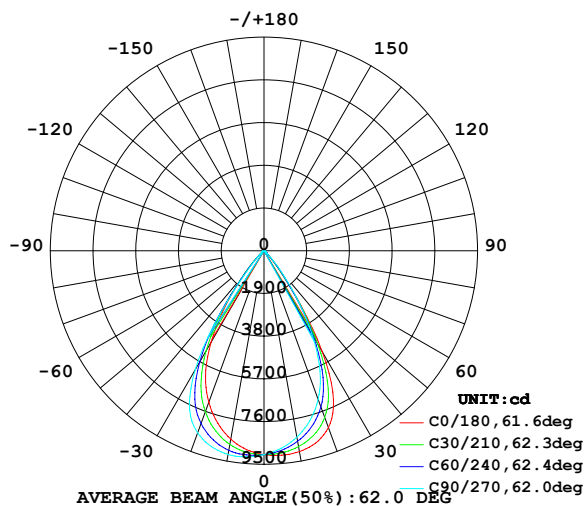


LUMINAIRE PHOTOMETRIC TEST REPORT

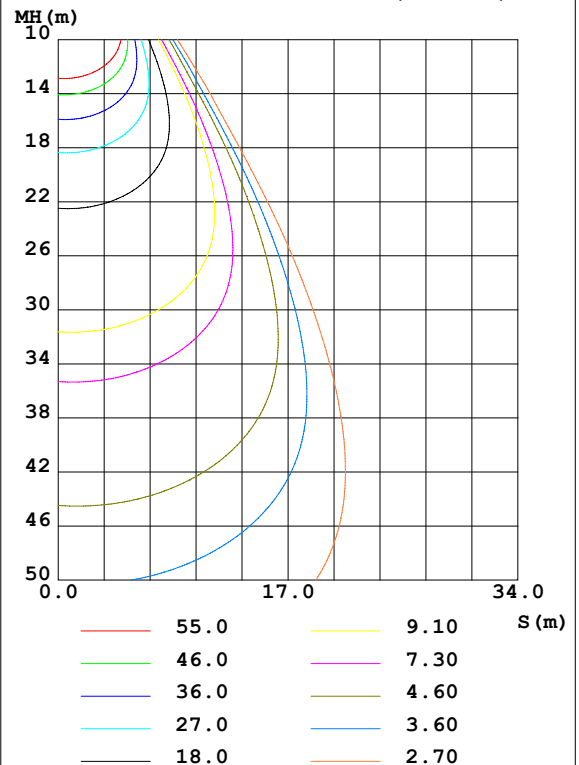
| | | |
|---|---|-------------------|
| Test:U:220.1V I:0.2753A P:58.97W PF:0.9732 Lamp Flux:8691.42x1 lm | | |
| NAME: oH High Bay Light | TYPE:LED | WEIGHT:2.9KG |
| SPEC.:AOK-60WoH | DIM.: $\phi 0.248 \times 0.138\text{m}$ | SERIAL No.:1 |
| MFR.: AOK | SUR.: $\phi 0.16\text{m}$ | PROTECTION ANGLE: |

| DATA OF LAMP | | PHOTOMETRIC DATA Eff: 147.38 lm/W | | | |
|-------------------|---------|-----------------------------------|--------|-------------------------|----------|
| MODEL | 3030 | I _{max} (cd) | 9287 | S/MH (C0/180) | 0.91 |
| NOMINAL POWER (W) | 60 | LOR (%) | 100.0 | S/MH (C90/270) | 0.95 |
| RATED VOLTAGE (V) | 220.0 | TOTAL FLUX (lm) | 8691.4 | η UP,DN (C0-180) | 0.2,46.7 |
| NOMINAL FLUX (lm) | 8691.42 | CIE CLASS | DIRECT | η UP,DN (C180-360) | 0.1,53.0 |
| LAMPS INSIDE | 1 | η up (%) | 0.3 | CIBSE SHR NOM | 0.75 |
| TEST VOLTAGE (V) | 220 | η down (%) | 99.7 | CIBSE SHR MAX | 0.95 |

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: OUYANG
Test Date: 2017-11-28

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.291
Humidity: 65.0%
Test Distance: 7.633m [K=1.0000]
Remarks: 3030

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

| γ | C0 | C45 | C90 | C135 | C180 | C225 | C270 | C315 | γ | Φ zone | Φ total | Φ lum, lamp |
|----------|-----------------------|--------|--------|--------|--------|--------|--------|--------|----------|-------------|--------------|------------------|
| 10 | 9069 | 8726 | 8416 | 8336 | 8508 | 8882 | 9202 | 9252 | 0- 10 | 853.3 | 853.3 | 9.82,9.82 |
| 20 | 8373 | 7647 | 7041 | 6890 | 7174 | 7902 | 8620 | 8801 | 10- 20 | 2360 | 3213 | 37,37 |
| 30 | 5186 | 4589 | 4267 | 4357 | 4711 | 5442 | 6122 | 6013 | 20- 30 | 3052 | 6266 | 72.1,72.1 |
| 40 | 853.1 | 933.7 | 1116 | 1271 | 1403 | 1375 | 1194 | 969.3 | 30- 40 | 1782 | 8048 | 92.6,92.6 |
| 50 | 145.0 | 142.4 | 150.5 | 168.8 | 178.7 | 171.6 | 161.6 | 150.4 | 40- 50 | 362.0 | 8410 | 96.8,96.8 |
| 60 | 111.9 | 110.1 | 112.5 | 115.8 | 117.8 | 113.1 | 110.1 | 110.9 | 50- 60 | 114.6 | 8525 | 98.1,98.1 |
| 70 | 64.24 | 68.43 | 73.59 | 79.37 | 77.48 | 72.09 | 66.70 | 67.21 | 60- 70 | 93.47 | 8618 | 99.2,99.2 |
| 80 | 8.816 | 10.37 | 15.01 | 18.07 | 18.99 | 16.85 | 13.78 | 10.08 | 70- 80 | 44.99 | 8663 | 99.7,99.7 |
| 90 | 0.2067 | 0.2060 | 0.1876 | 0.2058 | 0.1150 | 0.1333 | 0.1398 | 0.1186 | 80- 90 | 4.076 | 8667 | 99.7,99.7 |
| 100 | 0.2938 | 0.2827 | 0.2754 | 0.2697 | 0.1510 | 0.1533 | 0.1674 | 0.1778 | 90-100 | 0.2016 | 8667 | 99.7,99.7 |
| 110 | 0.4010 | 0.3943 | 0.3871 | 0.3874 | 0.2465 | 0.2569 | 0.2648 | 0.2737 | 100-110 | 0.2880 | 8668 | 99.7,99.7 |
| 120 | 0.7421 | 0.7188 | 0.6708 | 0.6171 | 0.3975 | 0.3865 | 0.4186 | 0.4694 | 110-120 | 0.4035 | 8668 | 99.7,99.7 |
| 130 | 2.555 | 2.678 | 2.597 | 2.331 | 1.306 | 1.313 | 1.423 | 1.612 | 120-130 | 0.9526 | 8669 | 99.7,99.7 |
| 140 | 6.719 | 7.411 | 7.822 | 7.516 | 5.159 | 4.758 | 4.668 | 4.925 | 130-140 | 2.927 | 8672 | 99.8,99.8 |
| 150 | 11.90 | 13.10 | 14.02 | 13.88 | 10.87 | 9.968 | 9.460 | 9.614 | 140-150 | 5.503 | 8677 | 99.8,99.8 |
| 160 | 16.92 | 18.11 | 19.09 | 19.08 | 16.39 | 15.35 | 14.70 | 14.86 | 150-160 | 6.504 | 8684 | 99.9,99.9 |
| 170 | 20.91 | 21.63 | 22.28 | 22.35 | 21.45 | 20.37 | 19.62 | 19.65 | 160-170 | 5.356 | 8689 | 100,100 |
| 180 | 22.90 | 22.64 | 22.49 | 22.48 | 22.93 | 22.63 | 22.47 | 22.54 | 170-180 | 2.080 | 8691 | 100,100 |
| DEG | LUMINOUS INTENSITY:cd | | | | | | | | | UNIT:lm | | |

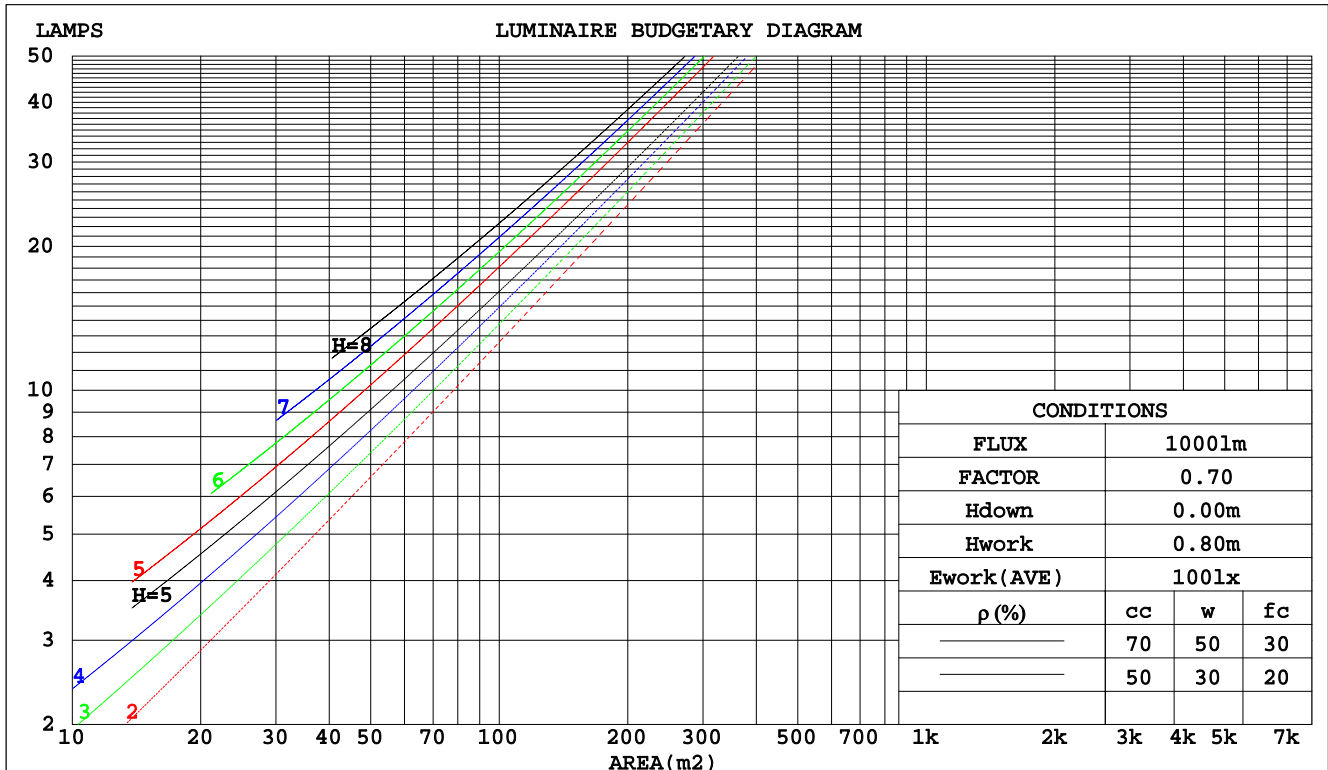
C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:OUYANG
 Test Date:2017-11-28

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 γ Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity:65.0%
 Test Distance:7.633m [K=1.0000]
 Remarks: 3030

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

| | | |
|---|---|-------------------|
| Test:U:220.1V I:0.2753A P:58.97W PF:0.9732 Lamp Flux:8691.42x1 lm | | |
| NAME: oH High Bay Light | TYPE:LED | WEIGHT:2.9KG |
| SPEC.:AOK-60WoH | DIM.: $\phi 0.248 \times 0.138\text{m}$ | SERIAL No.:1 |
| MFR.: AOK | SUR.: $\phi 0.16\text{m}$ | PROTECTION ANGLE: |

| pcc | 80% | | | 70% | | | 50% | | | 30% | | | 10% | | | 0 |
|------|-----------------------|------|------|------|------|------|---------------------------------|------|------|------|------|------|------|------|------|-----|
| pw | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0 |
| pfc | 20% | | | 20% | | | 20% | | | 20% | | | 20% | | | 0 |
| RCR | RCR:Room Cavity Ratio | | | | | | Coefficients of Utilization(CU) | | | | | | | | | |
| 0.0 | 1.19 | 1.19 | 1.19 | 1.16 | 1.16 | 1.16 | 1.11 | 1.11 | 1.11 | 1.06 | 1.06 | 1.06 | 1.02 | 1.02 | 1.02 | .00 |
| 1.0 | 1.10 | 1.08 | 1.06 | 1.08 | 1.06 | 1.04 | 1.04 | 1.02 | 1.01 | 1.00 | .99 | .98 | .97 | .96 | .95 | .93 |
| 2.0 | 1.03 | .99 | .95 | 1.01 | .97 | .94 | .98 | .95 | .92 | .95 | .92 | .90 | .92 | .90 | .88 | .86 |
| 3.0 | .96 | .91 | .87 | .94 | .90 | .86 | .91 | .88 | .84 | .89 | .86 | .83 | .87 | .84 | .82 | .80 |
| 4.0 | .89 | .84 | .79 | .88 | .83 | .79 | .86 | .81 | .78 | .84 | .80 | .77 | .82 | .79 | .76 | .75 |
| 5.0 | .84 | .78 | .73 | .83 | .77 | .73 | .81 | .76 | .72 | .79 | .75 | .72 | .77 | .74 | .71 | .69 |
| 6.0 | .78 | .72 | .68 | .78 | .72 | .68 | .76 | .71 | .67 | .75 | .70 | .67 | .73 | .69 | .66 | .65 |
| 7.0 | .74 | .68 | .63 | .73 | .67 | .63 | .72 | .67 | .63 | .70 | .66 | .62 | .69 | .65 | .62 | .61 |
| 8.0 | .69 | .63 | .59 | .69 | .63 | .59 | .68 | .62 | .59 | .67 | .62 | .59 | .66 | .61 | .58 | .57 |
| 9.0 | .65 | .60 | .56 | .65 | .59 | .55 | .64 | .59 | .55 | .63 | .58 | .55 | .62 | .58 | .55 | .53 |
| 10.0 | .62 | .56 | .52 | .61 | .56 | .52 | .61 | .55 | .52 | .60 | .55 | .52 | .59 | .55 | .52 | .50 |



C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:OUYANG
 Test Date:2017-11-28

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity:65.0%
 Test Distance:7.633m [K=1.0000]
 Remarks: 3030

WEC AND CCEC

| | | | | | |
|---|--|--|---------------------------|--|-------------------|
| Test:U:220.1V I:0.2753A P:58.97W PF:0.9732 Lamp Flux:8691.42x1 lm | | | | | |
| NAME: oH High Bay Light | | | TYPE:LED | | WEIGHT:2.9KG |
| SPEC.:AOK-60WoH | | | DIM.: ϕ 0.248*0.138m | | SERIAL No.:1 |
| MFR.: AOK | | | SUR.: ϕ 0.16m | | PROTECTION ANGLE: |

| pcc | 80% | | | 70% | | | 50% | | | 30% | | | 10% | | | 0 |
|------|-----------------------|------|------|------|------|------|---------------------------------|------|------|------|------|------|------|------|------|---|
| pw | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0 |
| pfc | 20% | | | 20% | | | 20% | | | 20% | | | 20% | | | 0 |
| RCR | RCR:Room Cavity Ratio | | | | | | Wall Exitance Coefficients(WEC) | | | | | | | | | |
| 0.0 | | | | | | | | | | | | | | | | |
| 1.0 | .182 | .103 | .033 | .175 | .100 | .032 | .162 | .093 | .030 | .151 | .087 | .028 | .140 | .081 | .026 | |
| 2.0 | .174 | .095 | .029 | .168 | .093 | .029 | .158 | .088 | .027 | .148 | .083 | .026 | .138 | .078 | .025 | |
| 3.0 | .166 | .088 | .026 | .161 | .086 | .026 | .151 | .082 | .025 | .143 | .078 | .024 | .135 | .075 | .023 | |
| 4.0 | .157 | .082 | .024 | .153 | .080 | .024 | .145 | .077 | .023 | .138 | .074 | .022 | .131 | .071 | .022 | |
| 5.0 | .150 | .076 | .022 | .146 | .075 | .022 | .139 | .073 | .021 | .133 | .070 | .021 | .127 | .068 | .020 | |
| 6.0 | .143 | .072 | .021 | .140 | .071 | .020 | .134 | .068 | .020 | .128 | .066 | .020 | .122 | .064 | .019 | |
| 7.0 | .137 | .068 | .019 | .134 | .067 | .019 | .128 | .065 | .019 | .123 | .063 | .018 | .118 | .061 | .018 | |
| 8.0 | .131 | .064 | .018 | .128 | .063 | .018 | .123 | .062 | .018 | .119 | .060 | .017 | .114 | .059 | .017 | |
| 9.0 | .125 | .061 | .017 | .123 | .060 | .017 | .118 | .059 | .017 | .114 | .057 | .016 | .110 | .056 | .016 | |
| 10.0 | .120 | .058 | .016 | .118 | .057 | .016 | .114 | .056 | .016 | .110 | .055 | .016 | .107 | .054 | .015 | |

| pcc | 80% | | | 70% | | | 50% | | | 30% | | | 10% | | | 0 |
|------|-----------------------|------|------|------|------|------|--|------|------|------|------|------|------|------|------|---|
| pw | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0 |
| pfc | 20% | | | 20% | | | 20% | | | 20% | | | 20% | | | 0 |
| RCR | RCR:Room Cavity Ratio | | | | | | Ceiling Cavity Exitance Coefficients(CCEC) | | | | | | | | | |
| 0.0 | .193 | .193 | .193 | .165 | .165 | .165 | .112 | .112 | .112 | .065 | .065 | .065 | .021 | .021 | .021 | |
| 1.0 | .174 | .159 | .147 | .149 | .137 | .126 | .102 | .094 | .087 | .058 | .054 | .051 | .019 | .018 | .016 | |
| 2.0 | .159 | .135 | .114 | .136 | .116 | .099 | .093 | .080 | .069 | .054 | .047 | .040 | .017 | .015 | .013 | |
| 3.0 | .147 | .116 | .091 | .126 | .100 | .079 | .086 | .069 | .055 | .050 | .041 | .033 | .016 | .013 | .011 | |
| 4.0 | .136 | .101 | .074 | .117 | .087 | .064 | .081 | .061 | .045 | .047 | .036 | .027 | .015 | .012 | .009 | |
| 5.0 | .128 | .090 | .061 | .110 | .077 | .053 | .076 | .054 | .038 | .044 | .032 | .022 | .014 | .010 | .007 | |
| 6.0 | .121 | .080 | .052 | .104 | .070 | .045 | .071 | .049 | .032 | .041 | .029 | .019 | .013 | .009 | .006 | |
| 7.0 | .114 | .073 | .044 | .098 | .063 | .038 | .068 | .044 | .027 | .039 | .026 | .016 | .013 | .009 | .005 | |
| 8.0 | .108 | .067 | .038 | .093 | .058 | .033 | .065 | .041 | .023 | .038 | .024 | .014 | .012 | .008 | .005 | |
| 9.0 | .103 | .061 | .033 | .089 | .053 | .029 | .062 | .038 | .021 | .036 | .022 | .012 | .012 | .007 | .004 | |
| 10.0 | .099 | .057 | .029 | .085 | .050 | .026 | .059 | .035 | .018 | .034 | .021 | .011 | .011 | .007 | .004 | |

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:OUYANG
Test Date:2017-11-28

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
Humidity:65.0%
Test Distance:7.633m [K=1.0000]
Remarks: 3030

UGR(Unified Glare Rating) Table

| | | | | | | | | | | |
|---|------------------|------|------|------|---------------------------|----------------|------|-------------------|------|------|
| Test:U:220.1V I:0.2753A P:58.97W PF:0.9732 Lamp Flux:8691.42x1 lm | | | | | | | | | | |
| NAME: oH High Bay Light | | | | | TYPE:LED | | | WEIGHT:2.9KG | | |
| SPEC.:AOK-60WoH | | | | | DIM.: ϕ 0.248*0.138m | | | SERIAL No.:1 | | |
| MFR.: AOK | | | | | SUR.: ϕ 0.16m | | | PROTECTION ANGLE: | | |
| ceiling/cavity | 0.7 | 0.7 | 0.5 | 0.5 | 0.3 | 0.7 | 0.7 | 0.5 | 0.5 | 0.3 |
| walls | 0.5 | 0.3 | 0.5 | 0.3 | 0.3 | 0.5 | 0.3 | 0.5 | 0.3 | 0.3 |
| working plane | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 |
| Room dimensions | Viewed crosswise | | | | | Viewed endwise | | | | |
| x = 2H y = 2H | 15.0 | 15.9 | 15.2 | 16.1 | 16.3 | 14.7 | 15.7 | 14.9 | 15.8 | 16.0 |
| 3H | 15.0 | 15.9 | 15.3 | 16.1 | 16.3 | 14.8 | 15.7 | 15.1 | 15.9 | 16.1 |
| 4H | 15.0 | 15.8 | 15.3 | 16.1 | 16.3 | 14.8 | 15.7 | 15.1 | 15.9 | 16.1 |
| 6H | 14.9 | 15.7 | 15.2 | 16.0 | 16.2 | 14.8 | 15.6 | 15.1 | 15.8 | 16.1 |
| 8H | 14.9 | 15.7 | 15.2 | 15.9 | 16.2 | 14.8 | 15.5 | 15.1 | 15.8 | 16.0 |
| 12H | 14.9 | 15.6 | 15.2 | 15.8 | 16.1 | 14.7 | 15.4 | 15.0 | 15.7 | 16.0 |
| 4H 2H | 14.8 | 15.7 | 15.1 | 15.9 | 16.1 | 14.6 | 15.4 | 14.8 | 15.6 | 15.8 |
| 3H | 14.9 | 15.7 | 15.3 | 15.9 | 16.2 | 14.8 | 15.5 | 15.1 | 15.8 | 16.0 |
| 4H | 15.0 | 15.6 | 15.3 | 15.9 | 16.2 | 14.8 | 15.5 | 15.2 | 15.8 | 16.1 |
| 6H | 14.9 | 15.5 | 15.3 | 15.8 | 16.2 | 14.8 | 15.4 | 15.2 | 15.7 | 16.1 |
| 8H | 14.9 | 15.4 | 15.3 | 15.8 | 16.1 | 14.8 | 15.3 | 15.2 | 15.7 | 16.0 |
| 12H | 14.8 | 15.3 | 15.2 | 15.7 | 16.1 | 14.7 | 15.2 | 15.1 | 15.6 | 16.0 |
| 8H 4H | 14.9 | 15.4 | 15.3 | 15.8 | 16.2 | 14.8 | 15.3 | 15.2 | 15.7 | 16.0 |
| 6H | 14.8 | 15.3 | 15.3 | 15.7 | 16.1 | 14.8 | 15.2 | 15.2 | 15.6 | 16.0 |
| 8H | 14.8 | 15.2 | 15.2 | 15.6 | 16.0 | 14.7 | 15.1 | 15.2 | 15.5 | 16.0 |
| 12H | 14.7 | 15.1 | 15.2 | 15.5 | 16.0 | 14.7 | 15.0 | 15.1 | 15.4 | 15.9 |
| 12H 4H | 14.8 | 15.3 | 15.3 | 15.7 | 16.1 | 14.7 | 15.2 | 15.1 | 15.6 | 16.0 |
| 6H | 14.8 | 15.2 | 15.2 | 15.6 | 16.0 | 14.7 | 15.1 | 15.2 | 15.5 | 16.0 |
| 8H | 14.7 | 15.1 | 15.2 | 15.5 | 16.0 | 14.7 | 15.0 | 15.1 | 15.4 | 15.9 |
| Variations with the observer position at spacings: | | | | | | | | | | |
| S = 1.0H | + 2.9 / - 3.6 | | | | | + 3.0 / - 3.8 | | | | |
| 1.5H | + 5.3 / - 3.6 | | | | | + 5.4 / - 3.8 | | | | |
| 2.0H | + 1.4 / - 0.7 | | | | | + 2.3 / - 0.6 | | | | |

CIE Pub.117 Corrected 8691 lm Total Lamp Luminous Flux.(8log(F/F0) = 7.5)

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:OUYANG
Test Date:2017-11-28

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
Humidity:65.0%
Test Distance:7.633m [K=1.0000]
Remarks: 3030

UTILIZATION FACTORS TABLE

| | | |
|---|---|-------------------|
| Test:U:220.1V I:0.2753A P:58.97W PF:0.9732 Lamp Flux:8691.42x1 lm | | |
| NAME: oH High Bay Light | TYPE:LED | WEIGHT:2.9KG |
| SPEC.:AOK-60WoH | DIM.: $\phi 0.248 \times 0.138\text{m}$ | SERIAL No.:1 |
| MFR.: AOK | SUR.: $\phi 0.16\text{m}$ | PROTECTION ANGLE: |

| REFLECTANCE | | | | | | | | | | |
|----------------------------------|---|-----|-----------|-----|-----|-----|-----|---------------|-----|--------|
| Ceiling | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 | 0 |
| Walls | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0 |
| Working plane | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0 |
| ROOM INDEX | UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$ | | | | | | | | | |
| $k = 0.60$ | 87 | 81 | 77 | 86 | 80 | 77 | 86 | 80 | 77 | 73 |
| 0.80 | 94 | 88 | 85 | 94 | 88 | 85 | 92 | 88 | 84 | 80 |
| 1.00 | 99 | 93 | 89 | 98 | 93 | 89 | 96 | 93 | 89 | 85 |
| 1.25 | 103 | 98 | 94 | 102 | 97 | 94 | 100 | 96 | 93 | 89 |
| 1.50 | 106 | 101 | 97 | 104 | 100 | 97 | 102 | 98 | 96 | 91 |
| 2.00 | 108 | 104 | 101 | 107 | 103 | 100 | 104 | 101 | 98 | 93 |
| 2.50 | 110 | 106 | 103 | 108 | 105 | 102 | 105 | 102 | 100 | 94 |
| 3.00 | 112 | 108 | 105 | 110 | 107 | 104 | 106 | 104 | 102 | 96 |
| 4.00 | 114 | 111 | 109 | 112 | 109 | 107 | 108 | 106 | 104 | 97 |
| 5.00 | 115 | 113 | 111 | 113 | 111 | 109 | 109 | 107 | 106 | 98 |
| ROOM INDEX | UF(total) | | | | | | | | | Direct |
| According to DIN EN 13032-2 2004 | | | Suspended | | | | | SHRNOM = 1.25 | | |

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:OUYANG
Test Date:2017-11-28

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
Humidity:65.0%
Test Distance:7.633m [K=1.0000]
Remarks: 3030

ISOCANDELA DIAGRAM

| | | |
|---|---------------------------|-------------------|
| Test:U:220.1V I:0.2753A P:58.97W PF:0.9732 Lamp Flux:8691.42x1 lm | | |
| NAME: oH High Bay Light | TYPE:LED | WEIGHT:2.9KG |
| SPEC.:AOK-60WoH | DIM.: ϕ 0.248*0.138m | SERIAL No.:1 |
| MFR.: AOK | SUR.: ϕ 0.16m | PROTECTION ANGLE: |

Conical surface Flux(90deg):

8315.2 lm

%lum = 95.7%

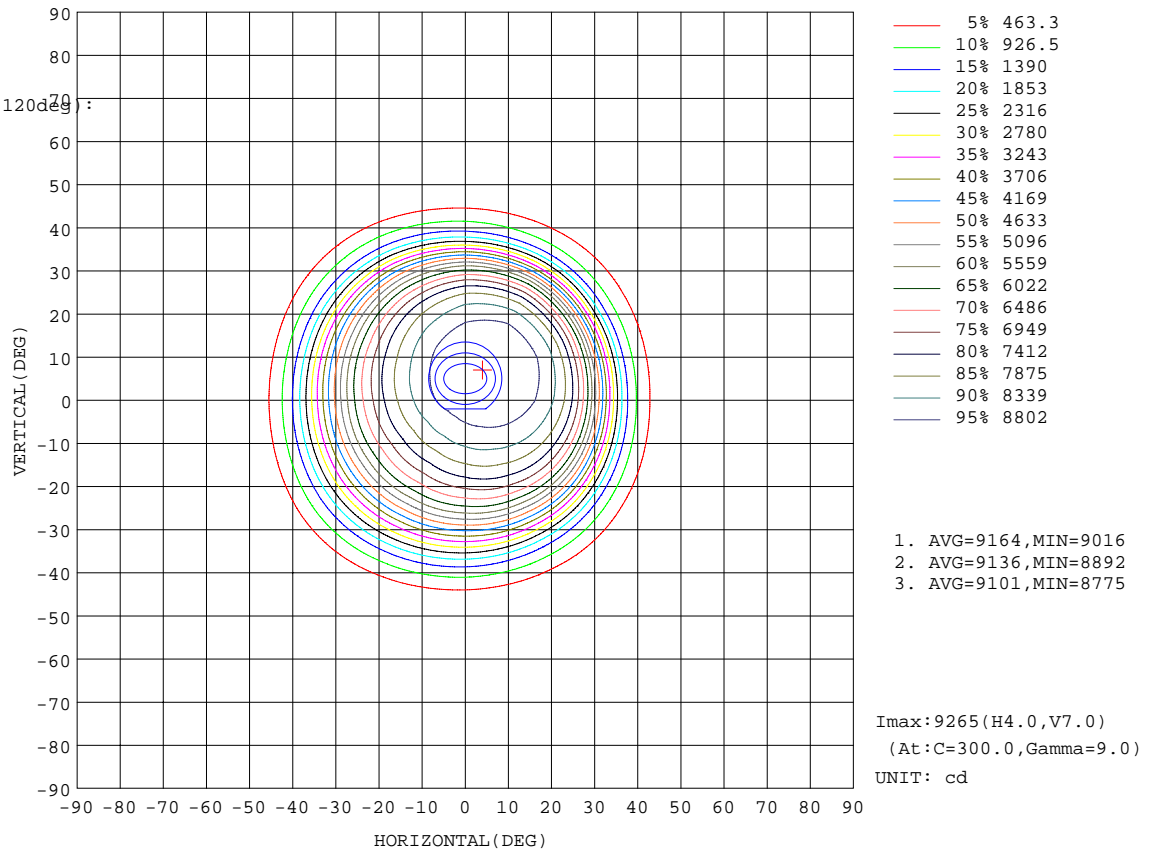
%lamp = 95.7%

Conical surface Flux(120deg):

8524.7 lm

%lum = 98.1%

%lamp = 98.1%

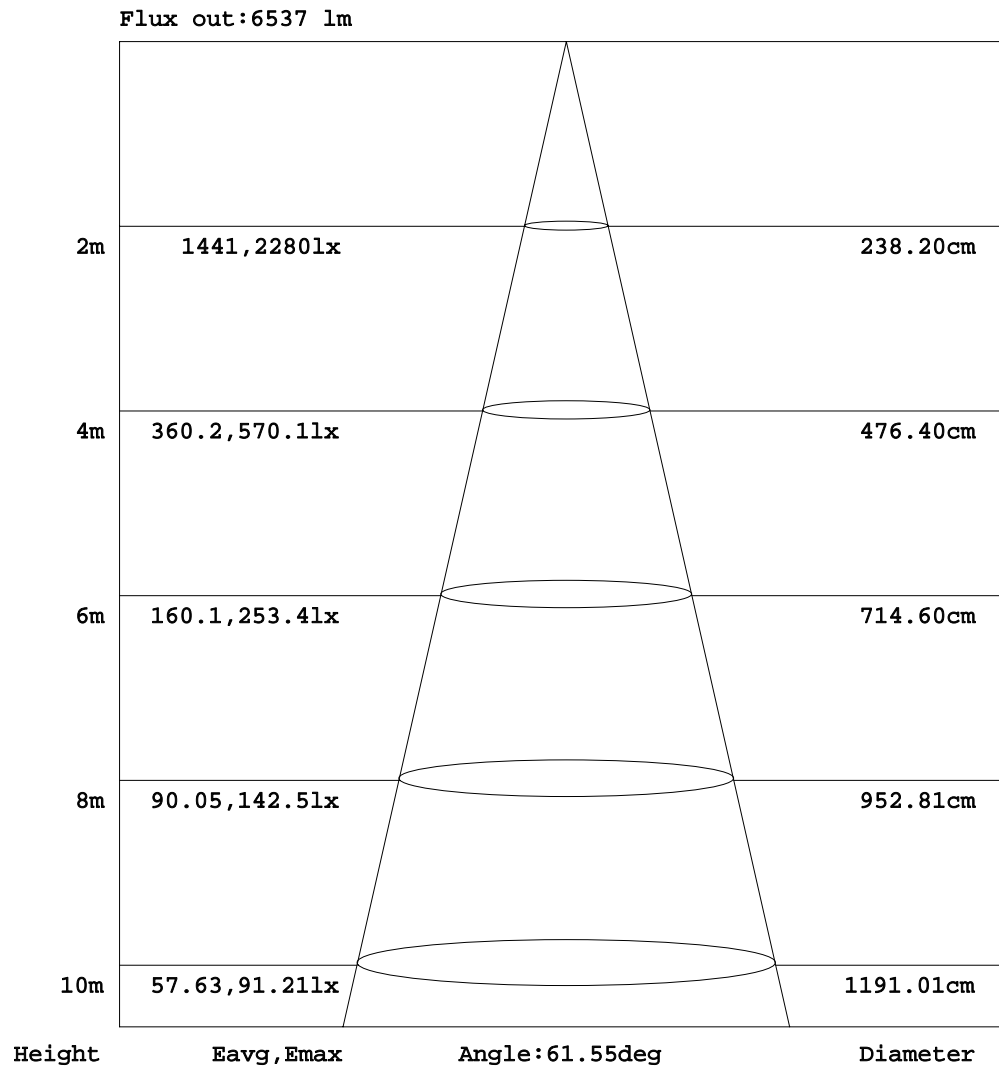


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:OUYANG
Test Date:2017-11-28

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
Humidity:65.0%
Test Distance:7.633m [K=1.0000]
Remarks: 3030

AAI Figure

| | | |
|---|---|-------------------|
| Test:U:220.1V I:0.2753A P:58.97W PF:0.9732 Lamp Flux:8691.42x1 lm | | |
| NAME: oH High Bay Light | TYPE:LED | WEIGHT:2.9KG |
| SPEC.:AOK-60WoH | DIM.: $\Phi 0.248 \times 0.138\text{m}$ | SERIAL No.:1 |
| MFR.: AOK | SUR.: $\Phi 0.16\text{m}$ | PROTECTION ANGLE: |



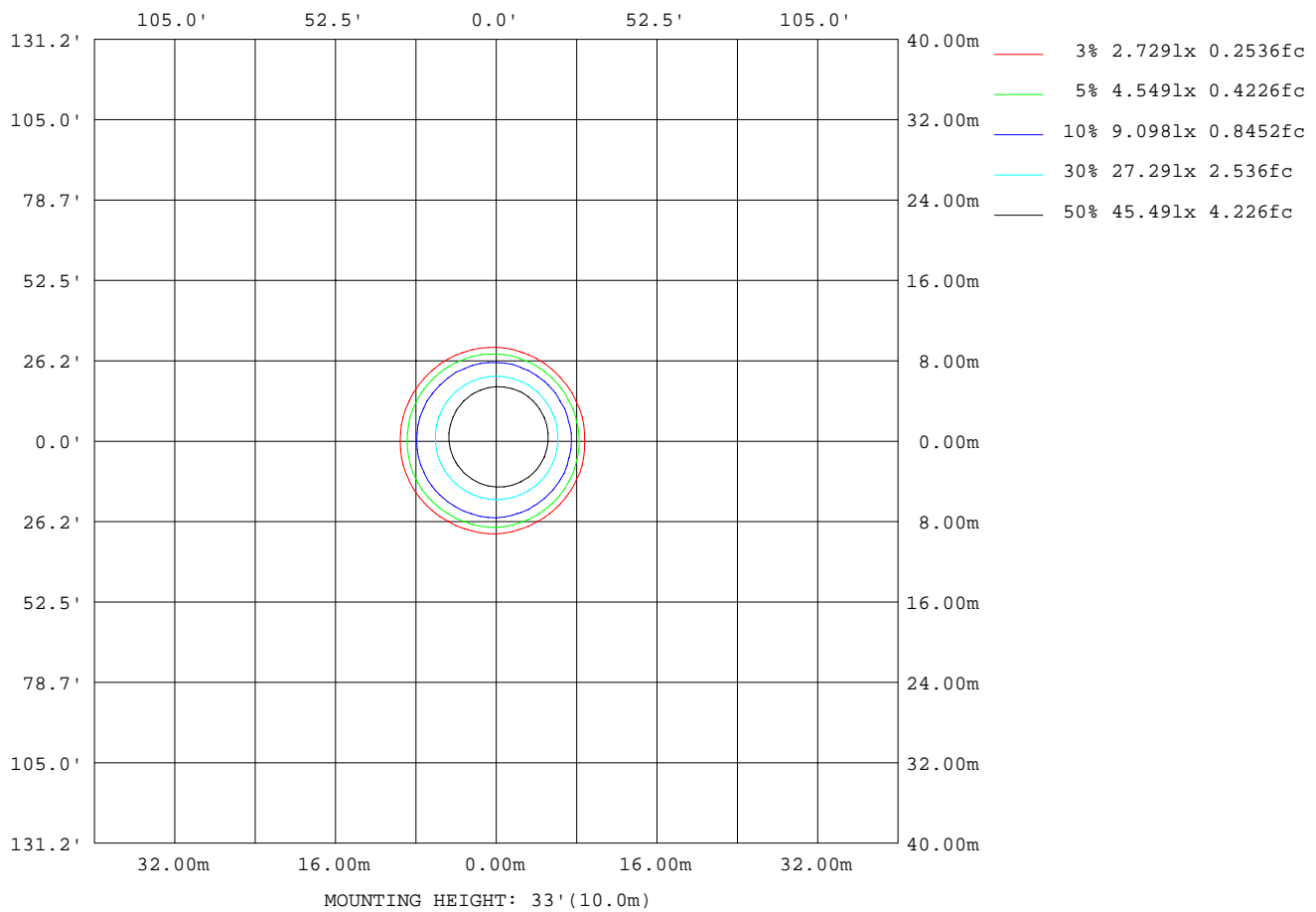
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:OUYANG
 Test Date:2017-11-28

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity:65.0%
 Test Distance:7.633m [K=1.0000]
 Remarks: 3030

ISOLUX DIAGRAM

| | | |
|---|---------------------------|-------------------|
| Test:U:220.1V I:0.2753A P:58.97W PF:0.9732 Lamp Flux:8691.42x1 lm | | |
| NAME: oH High Bay Light | TYPE:LED | WEIGHT:2.9KG |
| SPEC.:AOK-60WoH | DIM.: ϕ 0.248*0.138m | SERIAL No.:1 |
| MFR.: AOK | SUR.: ϕ 0.16m | PROTECTION ANGLE: |



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
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γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
Humidity:65.0%
Test Distance:7.633m [K=1.0000]
Remarks: 3030

LED Avg.L Report

| | | |
|---|---------------------------|-------------------|
| Test:U:220.1V I:0.2753A P:58.97W PF:0.9732 Lamp Flux:8691.42x1 lm | | |
| NAME: oH High Bay Light | TYPE:LED | WEIGHT:2.9KG |
| SPEC.:AOK-60WoH | DIM.: ϕ 0.248*0.138m | SERIAL No.:1 |
| MFR.: AOK | SUR.: ϕ 0.16m | PROTECTION ANGLE: |

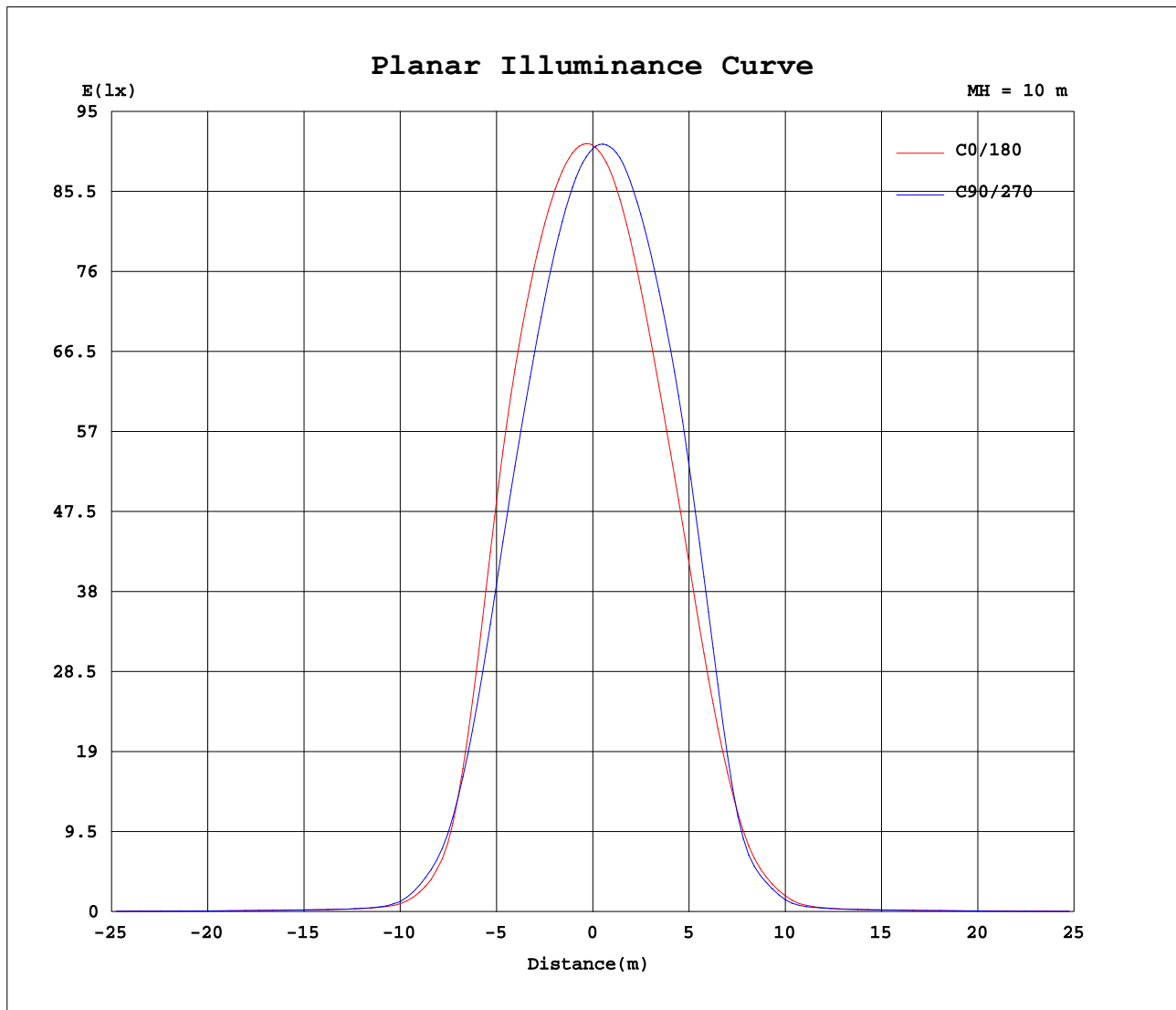
| AvgL | cd/m2 |
|------------------|-------|
| L_0~180 (65) av | 2289 |
| L_0~180 (75) av | 1629 |
| L_0~180 (85) av | 273 |
| L_90~270 (65) av | 2237 |
| L_90~270 (75) av | 1717 |
| L_90~270 (85) av | 263 |
| L_45 (65) av | 2277 |
| L_45 (75) av | 1667 |
| L_45 (85) av | 267 |

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:OUYANG
 Test Date:2017-11-28

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity:65.0%
 Test Distance:7.633m [K=1.0000]
 Remarks: 3030

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: OUYANG
Test Date: 2017-11-28

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.291
Humidity: 65.0%
Test Distance: 7.633m [K=1.0000]
Remarks: 3030

LUMINOUS DISTRIBUTION INTENSITY DATA

| | | |
|---|---------------------------|-------------------|
| Test:U:220.1V I:0.2753A P:58.97W PF:0.9732 Lamp Flux:8691.42x1 lm | | |
| NAME: oH High Bay Light | TYPE:LED | WEIGHT:2.9KG |
| SPEC.:AOK-60WoH | DIM.: ϕ 0.248*0.138m | SERIAL No.:1 |
| MFR.: AOK | SUR.: ϕ 0.16m | PROTECTION ANGLE: |

Table--1

UNIT: cd

| C (DEG) γ (DEG) | 0 | 30 | 60 | 90 | 120 | 150 | 180 | 210 | 240 | 270 | 300 | 330 | | | | | | |
|--------------------|------|------|------|------|------|------|------|------|------|------|------|------|--|--|--|--|--|--|
| 0 | 9066 | 9066 | 9066 | 9066 | 9066 | 9066 | 9066 | 9066 | 9066 | 9066 | 9066 | 9066 | | | | | | |
| 5 | 9126 | 9024 | 8909 | 8820 | 8776 | 8805 | 8882 | 8994 | 9114 | 9195 | 9235 | 9203 | | | | | | |
| 10 | 9069 | 8846 | 8605 | 8416 | 8315 | 8356 | 8508 | 8747 | 9016 | 9202 | 9280 | 9224 | | | | | | |
| 15 | 8855 | 8504 | 8125 | 7841 | 7678 | 7732 | 7943 | 8301 | 8715 | 9020 | 9167 | 9111 | | | | | | |
| 20 | 8373 | 7894 | 7401 | 7041 | 6855 | 6925 | 7174 | 7626 | 8178 | 8620 | 8849 | 8753 | | | | | | |
| 25 | 7322 | 6768 | 6215 | 5907 | 5769 | 5893 | 6159 | 6640 | 7281 | 7827 | 8045 | 7835 | | | | | | |
| 30 | 5186 | 4774 | 4404 | 4267 | 4260 | 4454 | 4711 | 5159 | 5725 | 6122 | 6241 | 5785 | | | | | | |
| 35 | 2445 | 2380 | 2339 | 2460 | 2576 | 2802 | 2981 | 3252 | 3448 | 3363 | 3130 | 2711 | | | | | | |
| 40 | 853 | 895 | 972 | 1116 | 1197 | 1345 | 1403 | 1407 | 1342 | 1194 | 1041 | 898 | | | | | | |
| 45 | 267 | 281 | 280 | 343 | 402 | 494 | 530 | 506 | 478 | 400 | 338 | 279 | | | | | | |
| 50 | 145 | 142 | 142 | 151 | 166 | 172 | 179 | 179 | 164 | 162 | 156 | 145 | | | | | | |
| 55 | 124 | 121 | 120 | 123 | 126 | 126 | 127 | 128 | 125 | 127 | 127 | 124 | | | | | | |
| 60 | 112 | 111 | 110 | 113 | 115 | 117 | 118 | 114 | 112 | 110 | 111 | 111 | | | | | | |
| 65 | 91.4 | 92.3 | 94.9 | 98.2 | 101 | 102 | 102 | 98.8 | 94.5 | 90.9 | 93.9 | 92.1 | | | | | | |
| 70 | 64.2 | 66.2 | 70.7 | 73.6 | 79.1 | 79.6 | 77.5 | 73.3 | 70.9 | 66.7 | 69.4 | 65.1 | | | | | | |
| 75 | 34.5 | 36.8 | 41.0 | 47.1 | 51.2 | 52.4 | 49.9 | 45.9 | 44.1 | 41.7 | 39.4 | 34.4 | | | | | | |
| 80 | 8.82 | 9.62 | 11.1 | 15.0 | 17.1 | 19.0 | 19.0 | 17.4 | 16.3 | 13.8 | 11.6 | 8.58 | | | | | | |
| 85 | 0.65 | 0.85 | 1.19 | 2.10 | 2.92 | 3.97 | 4.12 | 3.86 | 3.35 | 2.49 | 1.74 | 0.74 | | | | | | |
| 90 | 0.21 | 0.20 | 0.22 | 0.19 | 0.22 | 0.20 | 0.12 | 0.15 | 0.12 | 0.14 | 0.11 | 0.13 | | | | | | |
| 95 | 0.25 | 0.23 | 0.25 | 0.22 | 0.24 | 0.22 | 0.12 | 0.15 | 0.12 | 0.14 | 0.13 | 0.14 | | | | | | |
| 100 | 0.29 | 0.29 | 0.28 | 0.28 | 0.28 | 0.26 | 0.15 | 0.15 | 0.16 | 0.17 | 0.17 | 0.18 | | | | | | |
| 105 | 0.35 | 0.34 | 0.33 | 0.32 | 0.33 | 0.32 | 0.20 | 0.19 | 0.20 | 0.20 | 0.22 | 0.24 | | | | | | |
| 110 | 0.40 | 0.40 | 0.39 | 0.39 | 0.39 | 0.38 | 0.25 | 0.26 | 0.26 | 0.26 | 0.28 | 0.27 | | | | | | |
| 115 | 0.49 | 0.48 | 0.47 | 0.47 | 0.46 | 0.45 | 0.31 | 0.32 | 0.31 | 0.32 | 0.33 | 0.33 | | | | | | |
| 120 | 0.74 | 0.73 | 0.70 | 0.67 | 0.63 | 0.60 | 0.40 | 0.38 | 0.39 | 0.42 | 0.45 | 0.49 | | | | | | |
| 125 | 1.36 | 1.36 | 1.34 | 1.24 | 1.14 | 1.04 | 0.63 | 0.62 | 0.66 | 0.72 | 0.78 | 0.86 | | | | | | |
| 130 | 2.55 | 2.64 | 2.72 | 2.60 | 2.47 | 2.19 | 1.31 | 1.30 | 1.32 | 1.42 | 1.52 | 1.70 | | | | | | |
| 135 | 4.38 | 4.62 | 4.88 | 4.87 | 4.76 | 4.34 | 2.81 | 2.71 | 2.64 | 2.74 | 2.85 | 3.14 | | | | | | |
| 140 | 6.72 | 7.16 | 7.66 | 7.82 | 7.78 | 7.25 | 5.16 | 4.88 | 4.63 | 4.67 | 4.74 | 5.11 | | | | | | |
| 145 | 9.30 | 9.92 | 10.6 | 11.0 | 11.1 | 10.5 | 8.01 | 7.54 | 7.10 | 6.99 | 6.98 | 7.41 | | | | | | |
| 150 | 11.9 | 12.7 | 13.5 | 14.0 | 14.2 | 13.6 | 10.9 | 10.3 | 9.68 | 9.46 | 9.39 | 9.84 | | | | | | |
| 155 | 14.4 | 15.2 | 16.1 | 16.6 | 16.8 | 16.3 | 13.6 | 12.9 | 12.3 | 12.0 | 11.9 | 12.4 | | | | | | |
| 160 | 16.9 | 17.7 | 18.5 | 19.1 | 19.3 | 18.8 | 16.4 | 15.7 | 15.0 | 14.7 | 14.6 | 15.1 | | | | | | |
| 165 | 19.1 | 19.8 | 20.6 | 21.2 | 21.4 | 21.0 | 19.3 | 18.5 | 17.8 | 17.3 | 17.2 | 17.7 | | | | | | |
| 170 | 20.9 | 21.4 | 21.9 | 22.3 | 22.4 | 22.3 | 21.5 | 20.7 | 20.0 | 19.6 | 19.5 | 19.8 | | | | | | |
| 175 | 22.2 | 22.4 | 22.6 | 22.7 | 22.8 | 22.7 | 22.7 | 22.1 | 21.7 | 21.4 | 21.3 | 21.5 | | | | | | |
| 180 | 22.9 | 22.7 | 22.6 | 22.5 | 22.5 | 22.5 | 22.9 | 22.7 | 22.6 | 22.5 | 22.5 | 22.6 | | | | | | |

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