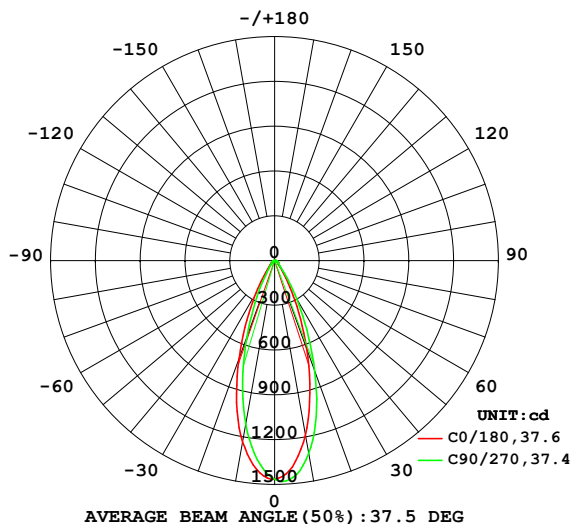


LUMINAIRE PHOTOMETRIC TEST REPORT

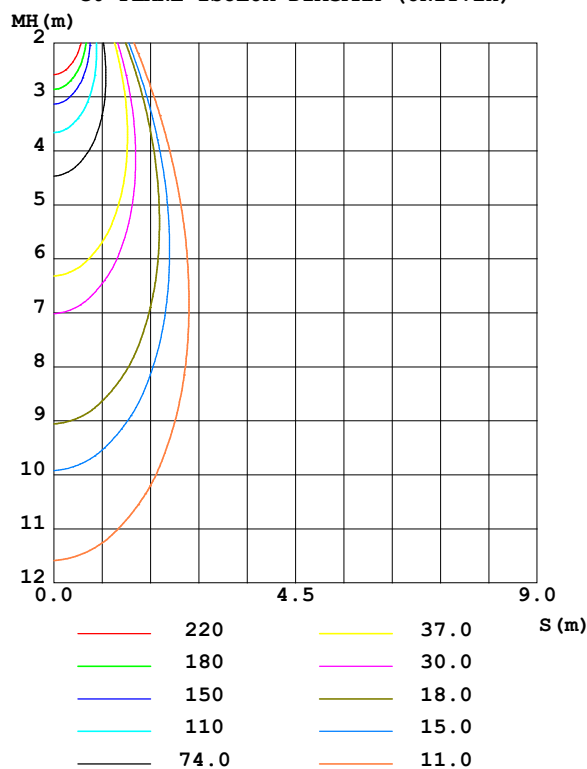
| | | |
|---|-------|------------------|
| Test:U:119.72V I:0.0781A P:9.0387W PF:0.9663 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:741.693x1 lm | | |
| NAME: VO-RMD4W9-120-D-5WAY | TYPE: | WEIGHT: |
| SPEC.: 3000K 90 | DIM.: | SERIAL No.: |
| MFR.: VOTATEC | SUR.: | Shielding Angle: |

| DATA OF LAMP | | PHOTOMETRIC DATA Eff: 82.06 lm/W | | | |
|-------------------|----------------------|----------------------------------|--------|---------------------|-----------|
| MODEL | VO-RMD4W9-120-D-5WAY | I _{max} (cd) | 1480 | S/MH (C0/180) | 0.63 |
| NOMINAL POWER (W) | 9 | LOR (%) | 100.0 | S/MH (C90/270) | 0.55 |
| RATED VOLTAGE (V) | 120 | TOTAL FLUX (lm) | 741.69 | η UP, DN (C0-180) | 0.0, 55.2 |
| NOMINAL FLUX (lm) | 741.693 | CIE CLASS | DIRECT | η UP, DN (C180-360) | 0.0, 44.8 |
| LAMPS INSIDE | 1 | η up (%) | 0.0 | CIBSE SHR NOM | 0.50 |
| TEST VOLTAGE (V) | 120 | η down (%) | 100.0 | CIBSE SHR MAX | 0.65 |

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 24.3 °C
Operators:
Test Date: 2024-03-31

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-SPEX500_V1 SYSTEM V2.00.460
Humidity: 65.0%
Test Distance: 3.080m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

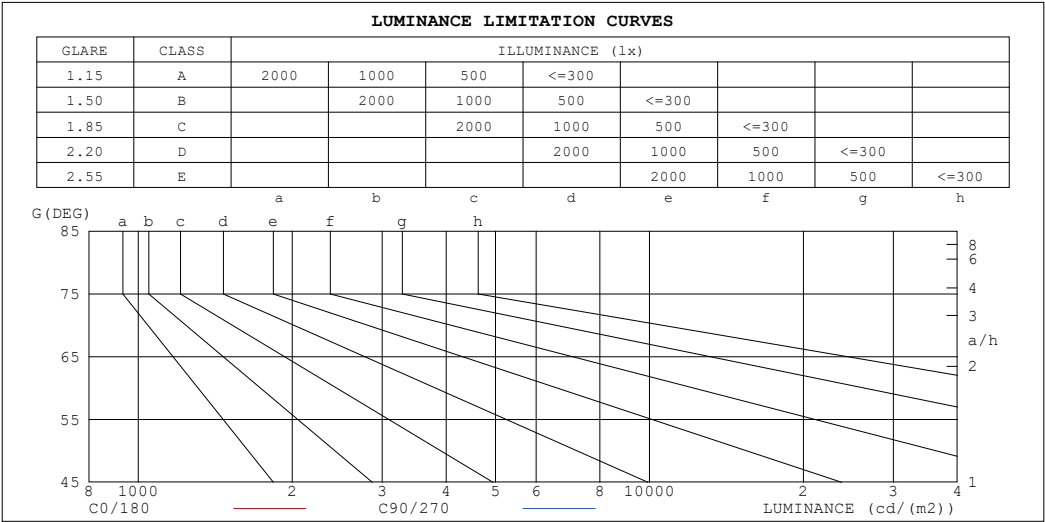
| γ | C0 | C45 | C90 | C135 | C180 | C225 | C270 | C315 | γ | Φ zone | Φ total | %lum, lamp |
|----------|-----------------------|--------|--------|--------|--------|--------|--------|--------|----------|-------------|--------------|------------|
| 10 | 1190 | 1273 | 1314 | 1303 | 1234 | 1149 | 1114 | 1128 | 0- 10 | 127.3 | 127.3 | 17.2,17.2 |
| 20 | 629.1 | 736.1 | 789.4 | 784.3 | 701.1 | 586.8 | 544.4 | 563.6 | 10- 20 | 260.6 | 388.0 | 52.3,52.3 |
| 30 | 207.9 | 257.3 | 296.9 | 294.5 | 252.2 | 183.9 | 157.5 | 171.1 | 20- 30 | 190.5 | 578.4 | 78,78 |
| 40 | 59.39 | 70.95 | 80.47 | 78.34 | 67.45 | 51.90 | 47.15 | 50.06 | 30- 40 | 77.40 | 655.8 | 88.4,88.4 |
| 50 | 29.80 | 32.82 | 34.27 | 33.48 | 32.21 | 28.80 | 26.80 | 27.45 | 40- 50 | 33.30 | 689.2 | 92.9,92.9 |
| 60 | 21.90 | 22.84 | 23.30 | 23.37 | 23.06 | 21.71 | 20.56 | 21.00 | 50- 60 | 23.01 | 712.2 | 96,96 |
| 70 | 11.98 | 15.20 | 15.78 | 15.78 | 14.80 | 13.63 | 12.96 | 13.27 | 60- 70 | 18.23 | 730.4 | 98.5,98.5 |
| 80 | 3.096 | 4.587 | 7.680 | 5.269 | 4.104 | 4.064 | 5.357 | 3.523 | 70- 80 | 9.651 | 740.0 | 99.8,99.8 |
| 90 | 0.0807 | 0.0680 | 0.0767 | 0.0711 | 0.0514 | 0.0503 | 0.0630 | 0.0478 | 80- 90 | 1.654 | 741.7 | 100,100 |
| 100 | | | | | | | | | 90-100 | | | |
| 110 | | | | | | | | | 100-110 | | | |
| 120 | | | | | | | | | 110-120 | | | |
| 130 | | | | | | | | | 120-130 | | | |
| 140 | | | | | | | | | 130-140 | | | |
| 150 | | | | | | | | | 140-150 | | | |
| 160 | | | | | | | | | 150-160 | | | |
| 170 | | | | | | | | | 160-170 | | | |
| 180 | | | | | | | | | 170-180 | | | |
| DEG | LUMINOUS INTENSITY:cd | | | | | | | | | UNIT:lm | | |

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:24.3℃
 Operators:
 Test Date:2024-03-31

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.460
 Humidity:65.0%
 Test Distance:3.080m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

| | | |
|---|-------|------------------|
| Test:U:119.72V I:0.0781A P:9.0387W PF:0.9663 Freq:59.98Hz | | |
| UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:741.693x1 lm | | |
| NAME: VO-RMD4W9-120-D-5WAY | TYPE: | WEIGHT: |
| SPEC.: 3000K 90 | DIM.: | SERIAL No.: |
| MFR.: VOTATEC | SUR.: | Shielding Angle: |



| LUMINANCE cd/(m2) | | |
|-------------------|--------|---------|
| G (DEG) | C0/180 | C90/270 |
| 85 | 15 | 293 |
| 80 | 162 | 397 |
| 75 | 230 | 409 |
| 70 | 318 | 415 |
| 65 | 388 | 425 |
| 60 | 397 | 419 |
| 55 | 394 | 418 |
| 50 | 420 | 479 |
| 45 | 513 | 634 |

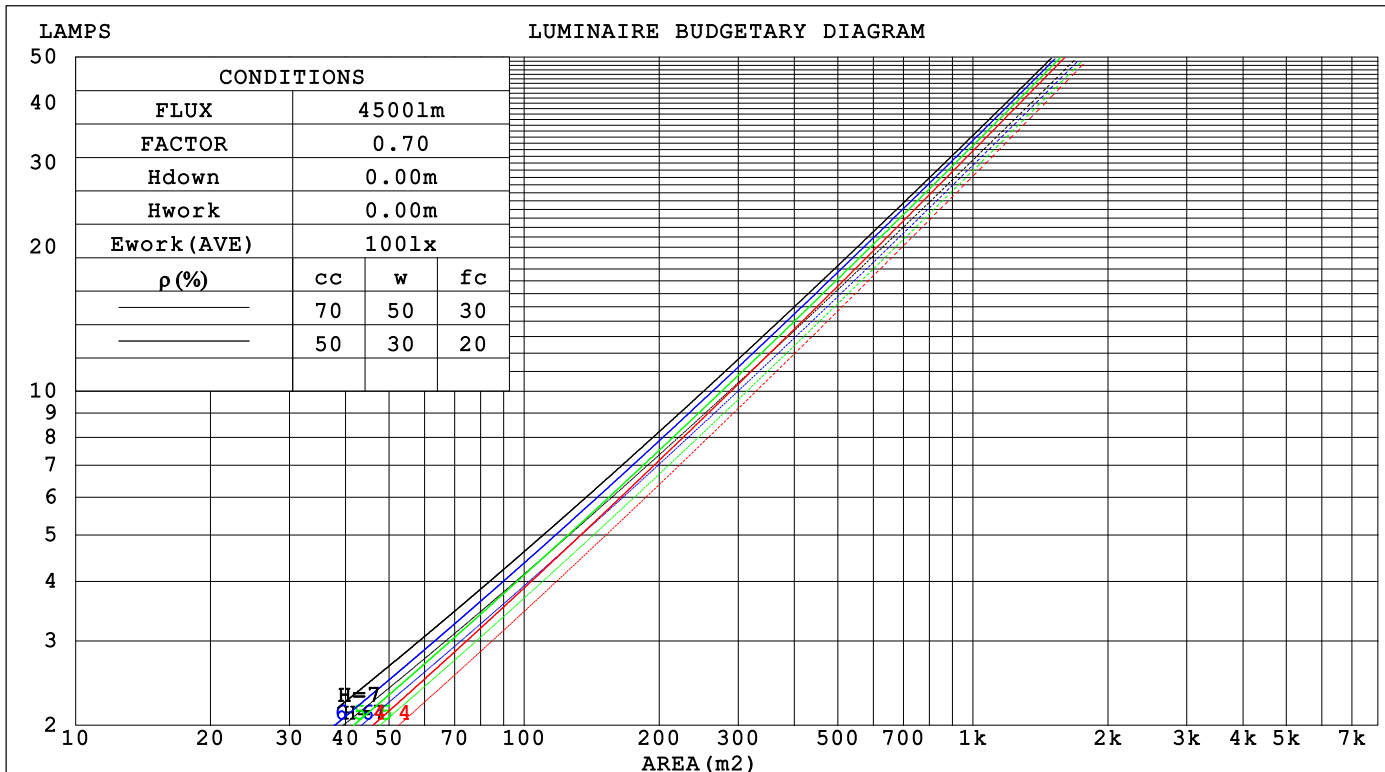
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:24.3℃
Operators:
Test Date:2024-03-31

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.460
Humidity:65.0%
Test Distance:3.080m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

| | | |
|---|-------|------------------|
| Test:U:119.72V I:0.0781A P:9.0387W PF:0.9663 Freq:59.98Hz | | |
| UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:741.693x1 lm | | |
| NAME: VO-RMD4W9-120-D-5WAY | TYPE: | WEIGHT: |
| SPEC.: 3000K 90 | DIM.: | SERIAL No.: |
| MFR.: VOTATEC | SUR.: | Shielding 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 | | | | | | | | | | | | | | | |



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:24.3℃
Operators:
Test Date:2024-03-31

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.460
Humidity:65.0%
Test Distance:3.080m [K=1.0000]
Remarks:

WEC AND CCEC

| | | | | | | | | |
|---|--|--|---------------------------------|--|--|------------------------|--|--|
| Test:U:119.72V I:0.0781A P:9.0387W PF:0.9663 Freq:59.98Hz | | | UTHDi:0.00% ITHDi:0.00% KDisp:0 | | | Lamp Flux:741.693x1 lm | | |
| NAME: VO-RMD4W9-120-D-5WAY | | | TYPE: | | | WEIGHT: | | |
| SPEC.: 3000K 90 | | | DIM.: | | | SERIAL No.: | | |
| MFR.: VOTATEC | | | SUR.: | | | Shielding 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 | .181 | .103 | .033 | .174 | .099 | .032 | .162 | .093 | .030 | .150 | .087 | .028 | .140 | .081 | .026 | | |
| 2.0 | .171 | .094 | .029 | .165 | .091 | .028 | .155 | .086 | .027 | .145 | .081 | .025 | .136 | .077 | .024 | | |
| 3.0 | .161 | .086 | .026 | .156 | .083 | .025 | .147 | .080 | .024 | .139 | .076 | .023 | .131 | .072 | .022 | | |
| 4.0 | .151 | .078 | .023 | .147 | .077 | .023 | .139 | .074 | .022 | .132 | .071 | .021 | .125 | .068 | .021 | | |
| 5.0 | .142 | .073 | .021 | .139 | .071 | .021 | .132 | .069 | .020 | .126 | .066 | .020 | .120 | .064 | .019 | | |
| 6.0 | .135 | .067 | .019 | .131 | .066 | .019 | .126 | .064 | .019 | .120 | .062 | .018 | .115 | .061 | .018 | | |
| 7.0 | .128 | .063 | .018 | .125 | .062 | .018 | .120 | .061 | .017 | .115 | .059 | .017 | .110 | .057 | .017 | | |
| 8.0 | .121 | .059 | .017 | .119 | .059 | .017 | .114 | .057 | .016 | .110 | .056 | .016 | .106 | .054 | .016 | | |
| 9.0 | .116 | .056 | .016 | .114 | .055 | .016 | .109 | .054 | .015 | .106 | .053 | .015 | .102 | .052 | .015 | | |
| 10.0 | .111 | .053 | .015 | .109 | .052 | .015 | .105 | .051 | .014 | .101 | .050 | .014 | .098 | .049 | .014 | | |

| 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 | .190 | .190 | .190 | .163 | .163 | .163 | .111 | .111 | .111 | .064 | .064 | .064 | .020 | .020 | .020 | | |
| 1.0 | .171 | .157 | .145 | .147 | .135 | .124 | .100 | .093 | .086 | .058 | .054 | .050 | .018 | .017 | .016 | | |
| 2.0 | .156 | .132 | .113 | .134 | .114 | .097 | .092 | .079 | .068 | .053 | .046 | .040 | .017 | .015 | .013 | | |
| 3.0 | .143 | .114 | .090 | .123 | .098 | .078 | .084 | .068 | .055 | .049 | .040 | .032 | .016 | .013 | .011 | | |
| 4.0 | .133 | .099 | .073 | .114 | .085 | .063 | .078 | .059 | .045 | .045 | .035 | .026 | .015 | .011 | .009 | | |
| 5.0 | .123 | .087 | .060 | .106 | .075 | .052 | .073 | .053 | .037 | .042 | .031 | .022 | .014 | .010 | .007 | | |
| 6.0 | .115 | .078 | .051 | .099 | .067 | .044 | .068 | .047 | .031 | .040 | .028 | .019 | .013 | .009 | .006 | | |
| 7.0 | .109 | .070 | .043 | .093 | .061 | .037 | .065 | .043 | .027 | .037 | .025 | .016 | .012 | .008 | .005 | | |
| 8.0 | .102 | .064 | .037 | .088 | .055 | .032 | .061 | .039 | .023 | .035 | .023 | .014 | .011 | .007 | .005 | | |
| 9.0 | .097 | .058 | .032 | .084 | .051 | .028 | .058 | .036 | .020 | .034 | .021 | .012 | .011 | .007 | .004 | | |
| 10.0 | .092 | .054 | .028 | .079 | .047 | .025 | .055 | .033 | .017 | .032 | .019 | .010 | .010 | .006 | .003 | | |

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:24.3℃
Operators:
Test Date:2024-03-31

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.460
Humidity:65.0%
Test Distance:3.080m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

| | | | | | | | | | | | |
|---|--|------------------|-----|-----|-------|------|----------------|------------------|------|------|------|
| Test:U:119.72V I:0.0781A P:9.0387W PF:0.9663 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:741.693x1 lm | | | | | | | | | | | |
| NAME: VO-RMD4W9-120-D-5WAY | | | | | TYPE: | | | WEIGHT: | | | |
| SPEC.: 3000K 90 | | | | | DIM.: | | | SERIAL No.: | | | |
| MFR.: VOTATEC | | | | | SUR.: | | | Shielding 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 | | 6.7 | 7.6 | 6.9 | 7.8 | 7.9 | 7.5 | 8.4 | 7.8 | 8.6 | 8.8 |
| 3H | | 7.7 | 8.5 | 8.0 | 8.7 | 8.9 | 8.6 | 9.4 | 8.9 | 9.6 | 9.8 |
| 4H | | 7.9 | 8.7 | 8.2 | 8.9 | 9.2 | 9.1 | 9.9 | 9.4 | 10.2 | 10.4 |
| 6H | | 8.0 | 8.8 | 8.3 | 9.0 | 9.3 | 9.6 | 10.3 | 9.9 | 10.6 | 10.8 |
| 8H | | 8.0 | 8.7 | 8.3 | 9.0 | 9.3 | 9.8 | 10.5 | 10.1 | 10.7 | 11.0 |
| 12H | | 8.0 | 8.7 | 8.3 | 8.9 | 9.2 | 9.8 | 10.5 | 10.1 | 10.8 | 11.1 |
| 4H 2H | | 7.2 | 8.0 | 7.4 | 8.2 | 8.4 | 7.9 | 8.7 | 8.1 | 8.9 | 9.1 |
| 3H | | 8.3 | 9.0 | 8.7 | 9.3 | 9.6 | 9.2 | 9.9 | 9.5 | 10.1 | 10.4 |
| 4H | | 8.6 | 9.3 | 9.0 | 9.6 | 9.9 | 9.8 | 10.5 | 10.2 | 10.8 | 11.1 |
| 6H | | 8.8 | 9.4 | 9.2 | 9.7 | 10.1 | 10.4 | 11.0 | 10.8 | 11.3 | 11.7 |
| 8H | | 8.8 | 9.3 | 9.2 | 9.7 | 10.0 | 10.7 | 11.2 | 11.1 | 11.5 | 11.9 |
| 12H | | 8.8 | 9.2 | 9.2 | 9.6 | 10.0 | 10.8 | 11.2 | 11.2 | 11.6 | 12.0 |
| 8H 4H | | 8.8 | 9.4 | 9.2 | 9.7 | 10.1 | 10.0 | 10.5 | 10.3 | 10.8 | 11.2 |
| 6H | | 9.1 | 9.5 | 9.5 | 9.9 | 10.3 | 10.7 | 11.1 | 11.1 | 11.5 | 11.9 |
| 8H | | 9.1 | 9.5 | 9.5 | 9.9 | 10.3 | 11.0 | 11.3 | 11.4 | 11.8 | 12.2 |
| 12H | | 9.0 | 9.4 | 9.5 | 9.8 | 10.3 | 11.1 | 11.4 | 11.6 | 11.9 | 12.3 |
| 12H 4H | | 8.8 | 9.3 | 9.3 | 9.7 | 10.1 | 9.9 | 10.4 | 10.3 | 10.8 | 11.2 |
| 6H | | 9.1 | 9.5 | 9.6 | 9.9 | 10.3 | 10.6 | 11.0 | 11.1 | 11.4 | 11.9 |
| 8H | | 9.1 | 9.5 | 9.6 | 9.9 | 10.4 | 11.0 | 11.3 | 11.4 | 11.7 | 12.2 |
| Variations with the observer position at spacings(CIE Pub.117): | | | | | | | | | | | |
| S = 1.0H | | + 0.5 / - 0.6 | | | | | + 0.6 / - 0.5 | | | | |
| 1.5H | | + 0.8 / - 0.7 | | | | | + 1.2 / - 0.5 | | | | |
| 2.0H | | + 0.5 / - 0.5 | | | | | + 0.5 / - 0.3 | | | | |

CIE Pub.117, 741.7 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -1.0)
Area: 0.111111 m2

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:24.3℃
Operators:
Test Date:2024-03-31

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.460
Humidity:65.0%
Test Distance:3.080m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

| | | |
|---|-------|------------------|
| Test:U:119.72V I:0.0781A P:9.0387W PF:0.9663 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:741.693x1 lm | | |
| NAME: VO-RMD4W9-120-D-5WAY | TYPE: | WEIGHT: |
| SPEC.: 3000K 90 | DIM.: | SERIAL No.: |
| MFR.: VOTATEC | SUR.: | Shielding Angle: |

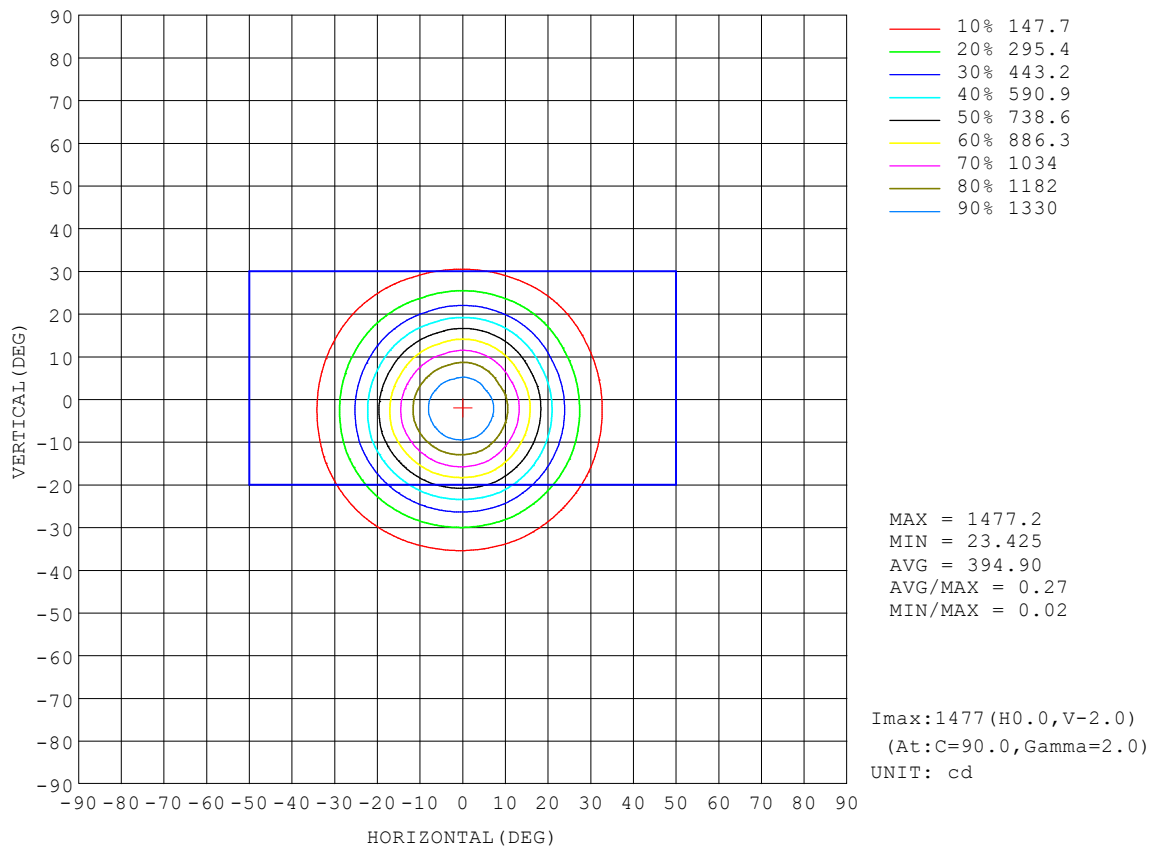
| REFLECTANCE | | | | | | | | | | |
|----------------------------------|--|-----|-----------|-----|-----|-----|-----|---------------|-----|--------|
| Ceiling | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 | 0 |
| Walls | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0 |
| Working plane | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0 |
| ROOM INDEX | UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$ | | | | | | | | | |
| $k = 0.60$ | 84 | 78 | 74 | 84 | 77 | 73 | 83 | 77 | 73 | 69 |
| 0.80 | 92 | 86 | 81 | 91 | 85 | 81 | 90 | 85 | 81 | 77 |
| 1.00 | 97 | 91 | 87 | 96 | 90 | 86 | 94 | 90 | 86 | 81 |
| 1.25 | 101 | 95 | 91 | 100 | 95 | 91 | 98 | 93 | 90 | 86 |
| 1.50 | 104 | 99 | 95 | 103 | 98 | 94 | 100 | 96 | 93 | 88 |
| 2.00 | 107 | 102 | 99 | 106 | 101 | 98 | 103 | 99 | 97 | 91 |
| 2.50 | 109 | 105 | 101 | 107 | 103 | 100 | 104 | 101 | 99 | 92 |
| 3.00 | 111 | 107 | 104 | 109 | 105 | 103 | 105 | 103 | 101 | 94 |
| 4.00 | 113 | 110 | 107 | 111 | 108 | 106 | 107 | 105 | 103 | 96 |
| 5.00 | 114 | 112 | 110 | 112 | 110 | 108 | 108 | 107 | 105 | 97 |
| ROOM INDEX | UF (total) | | | | | | | | | Direct |
| According to DIN EN 13032-2 2004 | | | Suspended | | | | | SHRNOM = 1.25 | | |

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 24.3 °C
Operators:
Test Date: 2024-03-31

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-SPEX500_V1 SYSTEM V2.00.460
Humidity: 65.0%
Test Distance: 3.080m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

| | | |
|---|-------|------------------|
| Test:U:119.72V I:0.0781A P:9.0387W PF:0.9663 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:741.693x1 lm | | |
| NAME: VO-RMD4W9-120-D-5WAY | TYPE: | WEIGHT: |
| SPEC.: 3000K 90 | DIM.: | SERIAL No.: |
| MFR.: VOTATEC | SUR.: | Shielding Angle: |

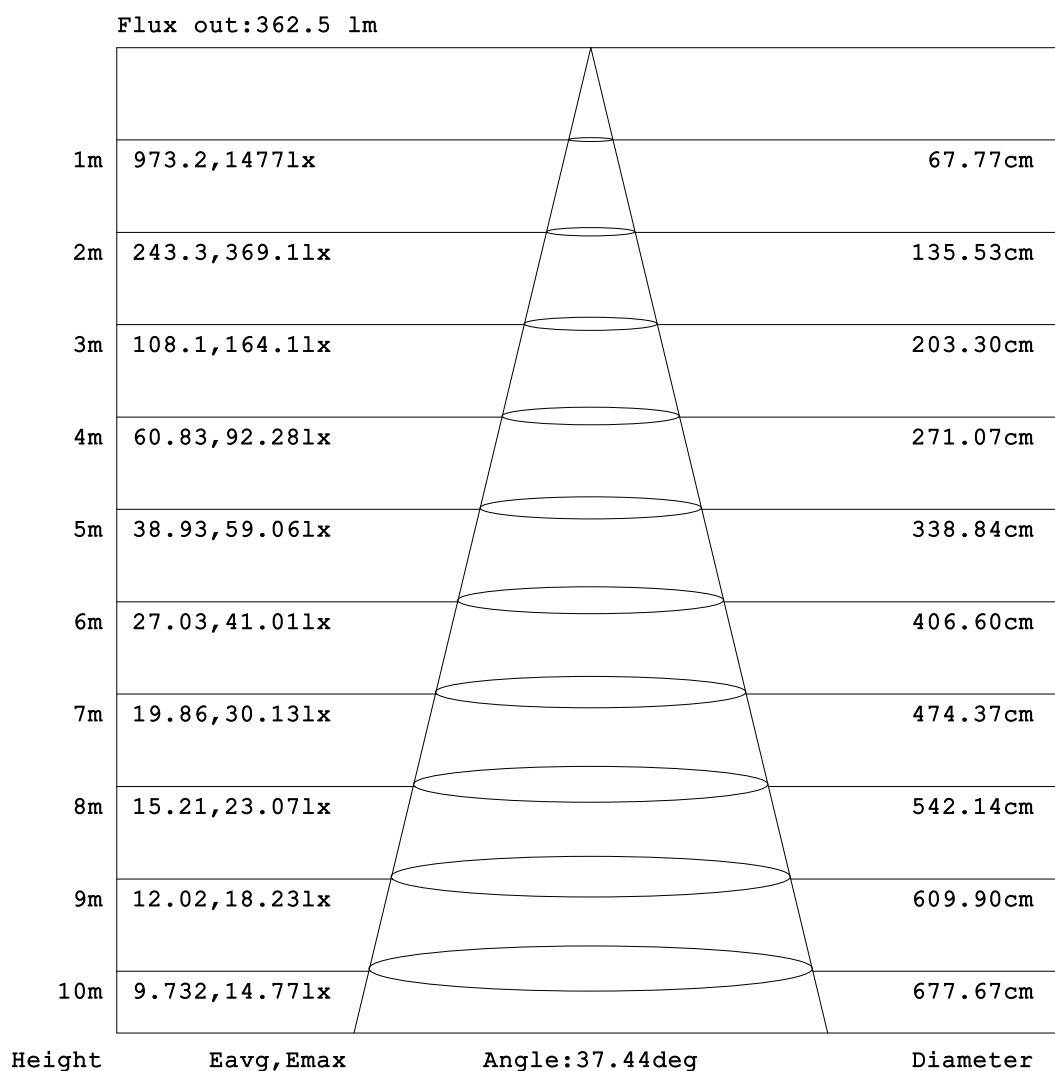


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:24.3℃
Operators:
Test Date:2024-03-31

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.460
Humidity:65.0%
Test Distance:3.080m [K=1.0000]
Remarks:

AAI Figure

| | | |
|---|-------|------------------|
| Test:U:119.72V I:0.0781A P:9.0387W PF:0.9663 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:741.693x1 lm | | |
| NAME: VO-RMD4W9-120-D-5WAY | TYPE: | WEIGHT: |
| SPEC.: 3000K 90 | DIM.: | SERIAL No.: |
| MFR.: VOTATEC | SUR.: | Shielding Angle: |



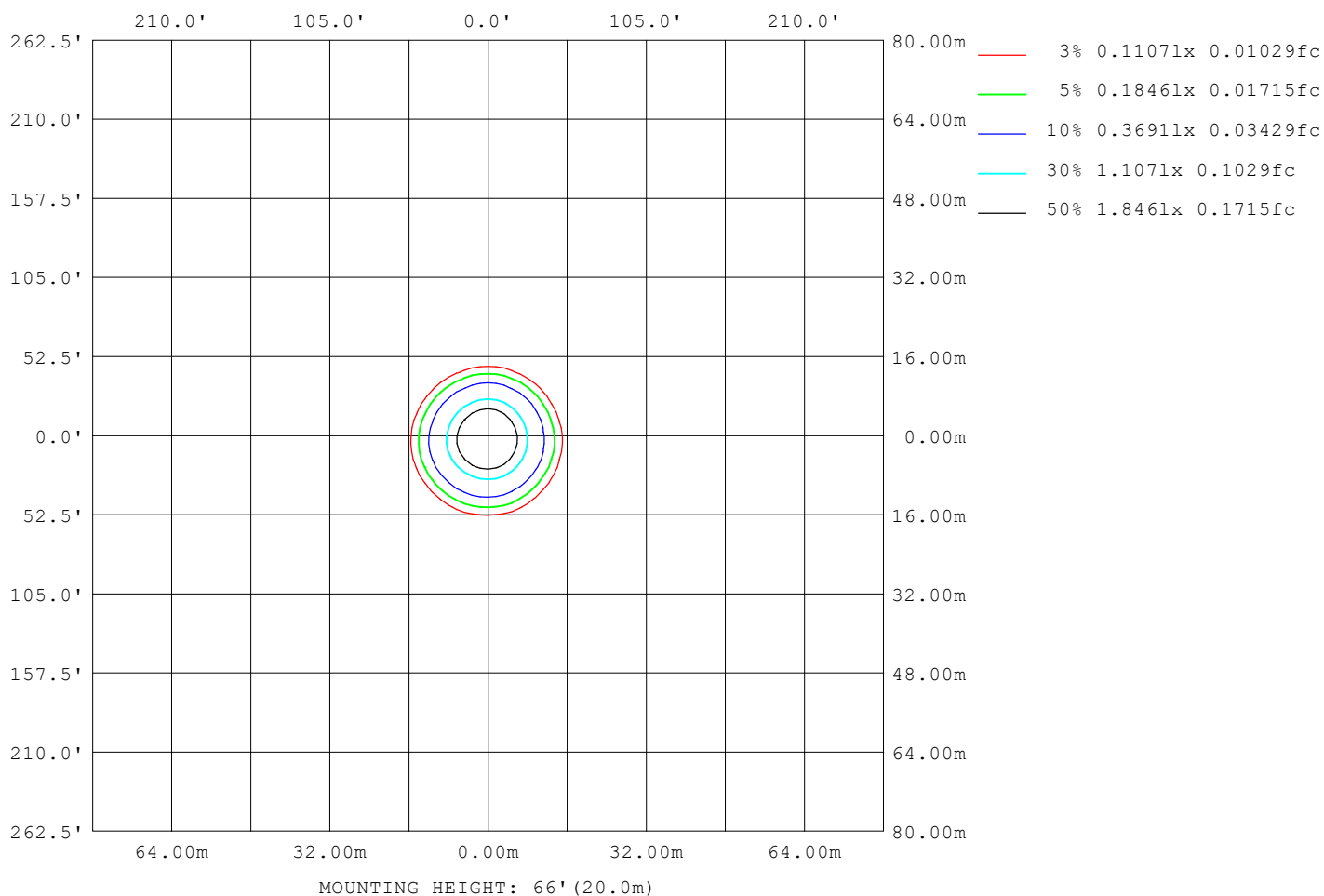
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:24.3℃
Operators:
Test Date:2024-03-31

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.460
Humidity:65.0%
Test Distance:3.080m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

| | | |
|---|-------|------------------|
| Test:U:119.72V I:0.0781A P:9.0387W PF:0.9663 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:741.693x1 lm | | |
| NAME: VO-RMD4W9-120-D-5WAY | TYPE: | WEIGHT: |
| SPEC.: 3000K 90 | DIM.: | SERIAL No.: |
| MFR.: VOTATEC | SUR.: | Shielding Angle: |



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:24.3℃
Operators:
Test Date:2024-03-31

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.460
Humidity:65.0%
Test Distance:3.080m [K=1.0000]
Remarks:

LED Avg.L Report

| | | |
|---|-------|------------------|
| Test:U:119.72V I:0.0781A P:9.0387W PF:0.9663 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:741.693x1 lm | | |
| NAME: VO-RMD4W9-120-D-5WAY | TYPE: | WEIGHT: |
| SPEC.: 3000K 90 | DIM.: | SERIAL No.: |
| MFR.: VOTATEC | SUR.: | Shielding Angle: |

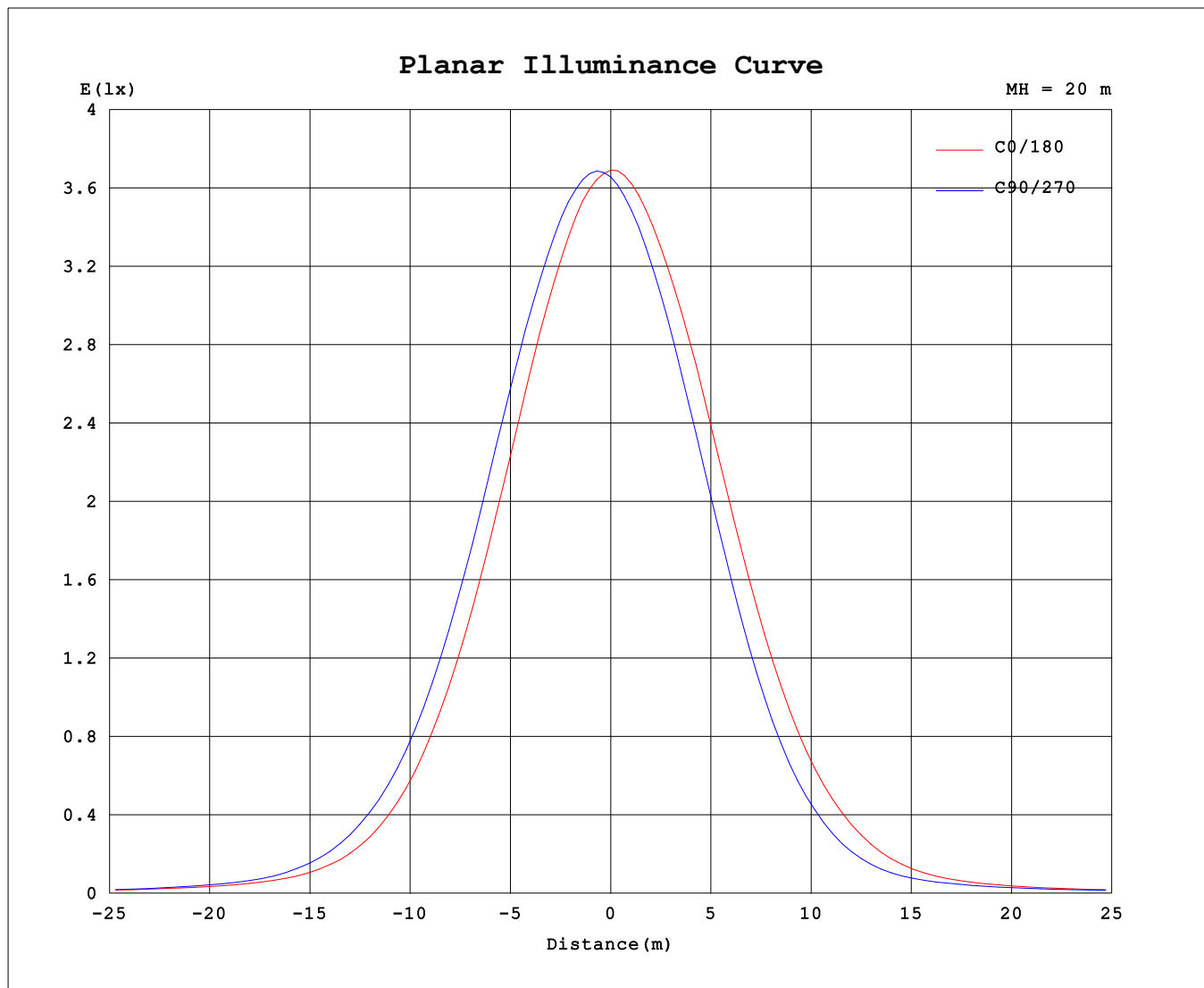
| AvgL | cd/m2 |
|------------------|-------|
| L_0~180 (65) av | 396 |
| L_0~180 (75) av | 253 |
| L_0~180 (85) av | 25 |
| L_90~270 (65) av | 391 |
| L_90~270 (75) av | 362 |
| L_90~270 (85) av | 214 |
| L_45 (65) av | 395 |
| L_45 (75) av | 322 |
| L_45 (85) av | 67 |

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:24.3℃
Operators:
Test Date:2024-03-31

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.460
Humidity:65.0%
Test Distance:3.080m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 24.3 °C
 Operators:
 Test Date: 2024-03-31

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-SPEX500_V1 SYSTEM V2.00.460
 Humidity: 65.0%
 Test Distance: 3.080m [K=1.0000]
 Remarks:

```

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.460
Humidity:65.0%
Test Distance:3.080m [K=1.0000]
Remarks:

```