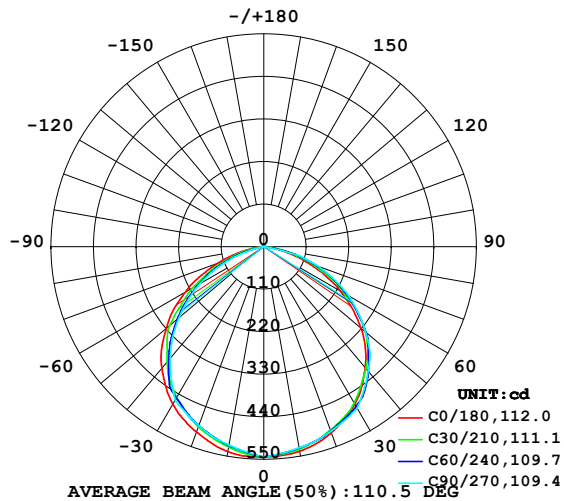


LUMINAIRE PHOTOMETRIC TEST REPORT

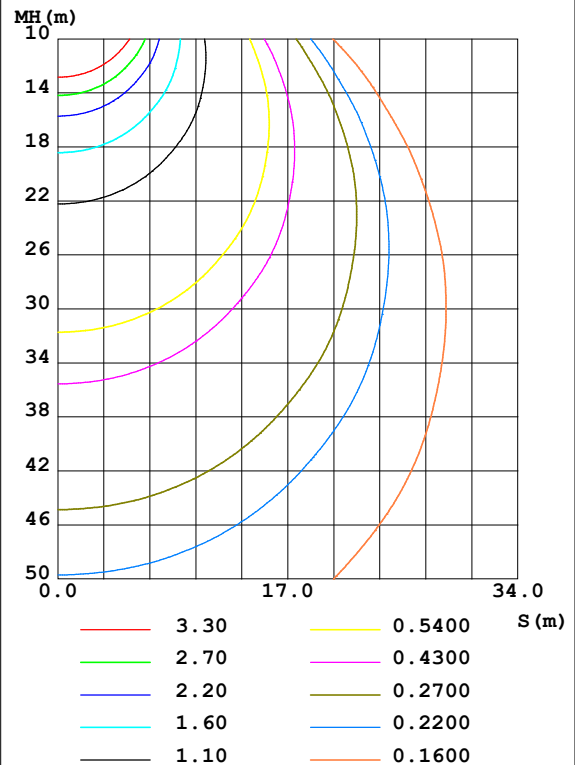
| | | |
|--|------------------|---------------------|
| Test:U:41.370V I:0.1890A P:7.8190W PF:0.9742 Freq:59.98Hz Lamp Flux:1464.47x1 lm | | |
| NAME: LED Explosion-proof Light | TYPE:Flood Light | WEIGHT:N/A |
| SPEC.:40W/5000K | DIM.: 190*150mm | SERIAL No.:N/A |
| MFR.: Grin Industrial Co., Ltd. | SUR.:N/A | Shielding Angle:N/A |

| DATA OF LAMP | | PHOTOMETRIC DATA Eff: 187.30 lm/W | | | |
|------------------|---------------|-----------------------------------|--------|-------------------|----------|
| MODEL | GHLV-07-U-E9W | Imax(cd) | 543.8 | S/MH(C0/180) | 1.28 |
| NOMINAL POWER(W) | 40 | LOR(%) | 100.0 | S/MH(C90/270) | 1.24 |
| RATED VOLTAGE(V) | 120 | TOTAL FLUX(lm) | 1464.5 | □ UP,DN(C0-180) | 0.0,52.6 |
| NOMINAL FLUX(lm) | 1464.47 | CIE CLASS | DIRECT | □ UP,DN(C180-360) | 0.0,47.4 |
| LAMPS INSIDE | 1 | □ up(%) | 0.0 | CIBSE SHR NOM | 1.25 |
| TEST VOLTAGE(V) | 220 | □ down(%) | 100.0 | CIBSE SHR MAX | 1.35 |

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



H(□) Range:-90 - 90DEG
H(□) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Jessy
Test Date:2025-02-12

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:7.158m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

| ° | C0 | C45 | C90 | C135 | C180 | C225 | C270 | C315 | ° | □ zone | □ total | %lum, lamp |
|-----|-----------------------|-------|-------|-------|-------|-------|-------|-------|---------|---------|---------|------------|
| 10 | 536.8 | 529.8 | 528.2 | 529.4 | 537.8 | 523.6 | 520.8 | 524.8 | 0- 10 | 50.99 | 50.99 | 3.48,3.48 |
| 20 | 511.9 | 507.3 | 508.0 | 503.1 | 510.0 | 492.5 | 492.5 | 498.2 | 10- 20 | 145.8 | 196.8 | 13.4,13.4 |
| 30 | 470.7 | 469.9 | 483.0 | 466.4 | 470.3 | 449.7 | 458.7 | 452.9 | 20- 30 | 223.0 | 419.9 | 28.7,28.7 |
| 40 | 408.1 | 422.1 | 420.7 | 422.3 | 410.2 | 396.0 | 376.1 | 397.6 | 30- 40 | 272.1 | 692.0 | 47.3,47.3 |
| 50 | 328.2 | 338.4 | 343.9 | 341.8 | 329.6 | 300.7 | 286.4 | 303.8 | 40- 50 | 280.3 | 972.3 | 66.4,66.4 |
| 60 | 228.3 | 242.4 | 252.5 | 245.2 | 233.9 | 201.7 | 189.5 | 203.9 | 50- 60 | 243.9 | 1216 | 83,83 |
| 70 | 119.1 | 140.8 | 149.7 | 142.1 | 127.5 | 100.5 | 84.23 | 103.5 | 60- 70 | 169.6 | 1386 | 94.6,94.6 |
| 80 | 27.67 | 42.02 | 0 | 40.20 | 33.00 | 12.28 | 0 | 13.19 | 70- 80 | 73.55 | 1459 | 99.6,99.6 |
| 90 | 2.253 | 0 | 0 | 0 | 2.468 | 0 | 0 | 0 | 80- 90 | 5.175 | 1464 | 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 | | |

Conical surface Flux(90deg): 833.78 lm

%lum = 56.9%

%lamp = 56.9%

Conical surface Flux(120deg): 1216.2 lm

%lum = 83.0%

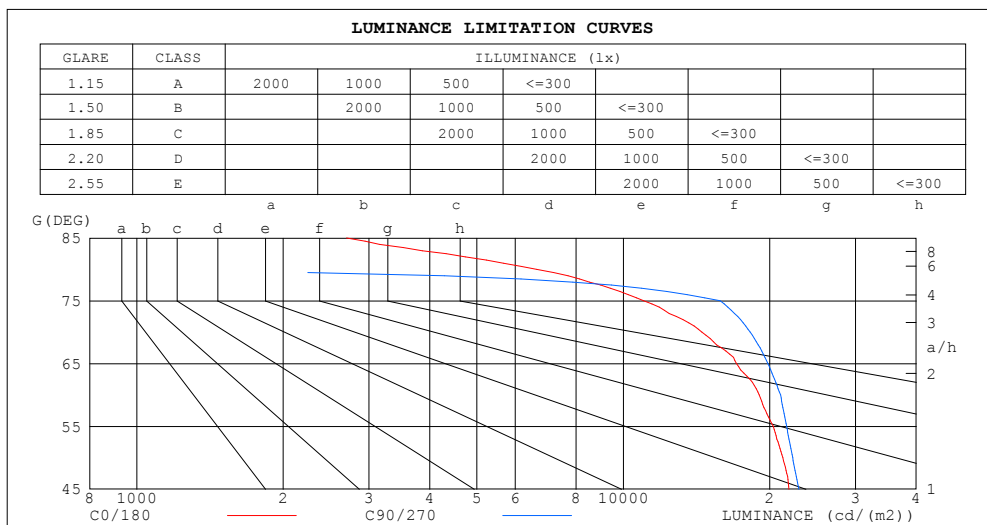
%lamp = 83.0%

H(□) Range:-90 - 90DEG
 H(□) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Jessy
 Test Date:2025-02-12

V(B) Range:-75 - 75DEG
 V(B) Interval: 5.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.411
 Humidity:65.0%
 Test Distance:7.158m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

| | | |
|--|------------------|---------------------|
| Test:U:41.370V I:0.1890A P:7.8190W PF:0.9742 Freq:59.98Hz Lamp Flux:1464.47x1 lm | | |
| NAME: LED Explosion-proof Light | TYPE:Flood Light | WEIGHT:N/A |
| SPEC.:40W/5000K | DIM.: 190*150mm | SERIAL No.:N/A |
| MFR.: Grin Industrial Co., Ltd. | SUR.:N/A | Shielding Angle:N/A |



| LUMINANCE cd/(m2) | | |
|-------------------|--------|---------|
| G (DEG) | C0/180 | C90/270 |
| 85 | 2697 | 0 |
| 80 | 6640 | 0 |
| 75 | 11018 | 15814 |
| 70 | 14509 | 18242 |
| 65 | 17078 | 19825 |
| 60 | 19024 | 21043 |
| 55 | 20327 | 21659 |
| 50 | 21272 | 22291 |
| 45 | 21913 | 22949 |

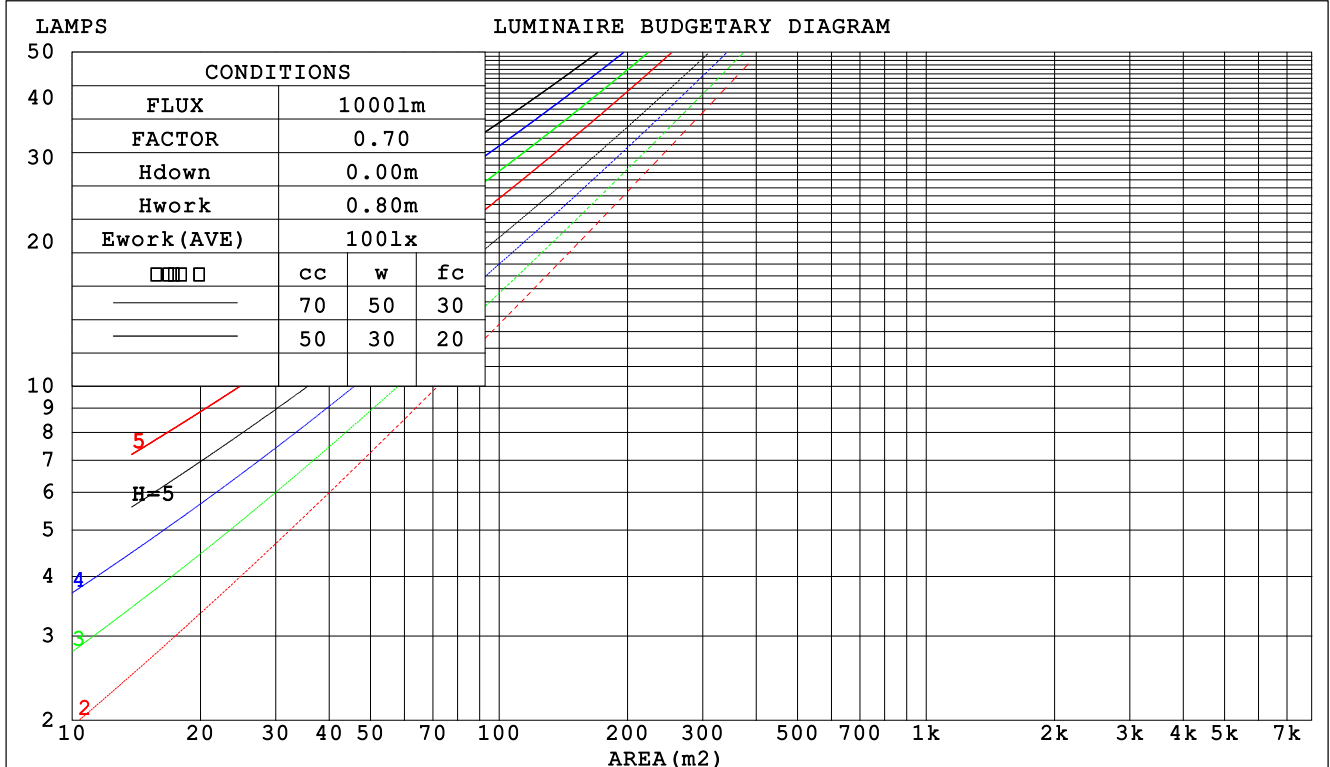
H(□) Range:-90 - 90DEG
H(□) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Jessy
Test Date:2025-02-12

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:7.158m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

| | | |
|--|------------------|---------------------|
| Test:U:41.370V I:0.1890A P:7.8190W PF:0.9742 Freq:59.98Hz Lamp Flux:1464.47x1 lm | | |
| NAME: LED Explosion-proof Light | TYPE:Flood Light | WEIGHT:N/A |
| SPEC.:40W/5000K | DIM.: 190*150mm | SERIAL No.:N/A |
| MFR.: Grin Industrial Co., Ltd. | SUR.:N/A | Shielding Angle:N/A |

| | | | | | | | | | | | | | | | | |
|-----|-----------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---|
| □cc | 80% | | | 70% | | | 50% | | | 30% | | | 10% | | | 0 |
| □w | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0 |
| □fc | 20% | | | 20% | | | 20% | | | 20% | | | 20% | | | 0 |
| RCR | RCR:Room Cavity Ratio | | | | | | | | | | | | | | | |



H(☐) Range:-90 - 90DEG
H(☐) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Jessy
Test Date:2025-02-12

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:7.158m [K=1.0000]
Remarks:

WEC AND CCEC

| | | | | | |
|--|--|--|------------------|--|---------------------|
| Test:U:41.370V I:0.1890A P:7.8190W PF:0.9742 Freq:59.98Hz Lamp Flux:1464.47x1 lm | | | | | |
| NAME: LED Explosion-proof Light | | | TYPE:Flood Light | | WEIGHT:N/A |
| SPEC.:40W/5000K | | | DIM.: 190*150mm | | SERIAL No.:N/A |
| MFR.: Grin Industrial Co., Ltd. | | | SUR.:N/A | | Shielding Angle:N/A |

| □cc | 80% | | | 70% | | | 50% | | | 30% | | | 10% | | | 0 | |
|------|-----------------------|------|------|------|------|------|----------------------------------|------|------|------|------|------|------|------|------|---|--|
| □w | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0 | |
| □fc | 20% | | | 20% | | | 20% | | | 20% | | | 20% | | | 0 | |
| RCR | RCR:Room Cavity Ratio | | | | | | Wall Exitance Coefficients (WEC) | | | | | | | | | | |
| 0.0 | | | | | | | | | | | | | | | | | |
| 1.0 | .282 | .161 | .051 | .275 | .157 | .050 | .262 | .150 | .048 | .250 | .144 | .046 | .239 | .139 | .045 | | |
| 2.0 | .274 | .150 | .046 | .268 | .147 | .045 | .256 | .142 | .044 | .246 | .138 | .043 | .236 | .133 | .042 | | |
| 3.0 | .257 | .137 | .041 | .252 | .135 | .041 | .242 | .131 | .040 | .232 | .127 | .039 | .224 | .124 | .038 | | |
| 4.0 | .240 | .125 | .037 | .235 | .123 | .036 | .226 | .120 | .036 | .218 | .117 | .035 | .210 | .114 | .035 | | |
| 5.0 | .224 | .114 | .033 | .219 | .113 | .033 | .211 | .110 | .032 | .204 | .108 | .032 | .197 | .105 | .032 | | |
| 6.0 | .208 | .104 | .030 | .205 | .103 | .030 | .197 | .101 | .029 | .191 | .099 | .029 | .185 | .097 | .029 | | |
| 7.0 | .195 | .096 | .027 | .191 | .095 | .027 | .185 | .094 | .027 | .179 | .092 | .027 | .173 | .090 | .026 | | |
| 8.0 | .182 | .089 | .025 | .179 | .088 | .025 | .174 | .087 | .025 | .168 | .085 | .025 | .163 | .084 | .024 | | |
| 9.0 | .171 | .083 | .023 | .169 | .082 | .023 | .164 | .081 | .023 | .159 | .080 | .023 | .154 | .078 | .023 | | |
| 10.0 | .161 | .077 | .021 | .159 | .077 | .021 | .154 | .076 | .021 | .150 | .074 | .021 | .146 | .073 | .021 | | |

| □cc | 80% | | | 70% | | | 50% | | | 30% | | | 10% | | | 0 |
|------|-----------------------|------|------|------|------|------|--|------|------|------|------|------|------|------|------|---|
| □w | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0 |
| □fc | 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 | .178 | .156 | .137 | .153 | .134 | .118 | .104 | .092 | .081 | .060 | .053 | .047 | .019 | .017 | .015 | |
| 2.0 | .170 | .132 | .100 | .145 | .114 | .087 | .100 | .079 | .060 | .057 | .046 | .035 | .018 | .015 | .012 | |
| 3.0 | .162 | .114 | .076 | .139 | .099 | .066 | .095 | .068 | .046 | .055 | .040 | .027 | .018 | .013 | .009 | |
| 4.0 | .155 | .101 | .060 | .133 | .087 | .052 | .091 | .061 | .036 | .053 | .036 | .022 | .017 | .012 | .007 | |
| 5.0 | .147 | .090 | .048 | .127 | .078 | .042 | .087 | .055 | .030 | .051 | .032 | .018 | .016 | .010 | .006 | |
| 6.0 | .140 | .082 | .040 | .121 | .071 | .035 | .083 | .050 | .025 | .048 | .029 | .015 | .016 | .010 | .005 | |
| 7.0 | .134 | .075 | .034 | .115 | .065 | .029 | .080 | .046 | .021 | .046 | .027 | .012 | .015 | .009 | .004 | |
| 8.0 | .128 | .069 | .029 | .110 | .060 | .025 | .076 | .042 | .018 | .044 | .025 | .011 | .014 | .008 | .004 | |
| 9.0 | .122 | .064 | .026 | .105 | .056 | .022 | .073 | .039 | .016 | .042 | .023 | .009 | .014 | .008 | .003 | |
| 10.0 | .116 | .060 | .023 | .100 | .052 | .020 | .069 | .037 | .014 | .041 | .022 | .008 | .013 | .007 | .003 | |

H(□) Range:-90 - 90DEG
 H(□) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Jessy
 Test Date:2025-02-12

V(B) Range:-75 - 75DEG
 V(B) Interval: 5.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.411
 Humidity:65.0%
 Test Distance:7.158m [K=1.0000]
 Remarks:

UGR(Unified Glare Rating) Table

| | | | | | | | | | | |
|--|------------------|------|------|------|------------------|----------------|------|---------------------|------|------|
| Test:U:41.370V I:0.1890A P:7.8190W PF:0.9742 Freq:59.98Hz Lamp Flux:1464.47x1 lm | | | | | | | | | | |
| NAME: LED Explosion-proof Light | | | | | TYPE:Flood Light | | | WEIGHT:N/A | | |
| SPEC.:40W/5000K | | | | | DIM.: 190*150mm | | | SERIAL No.:N/A | | |
| MFR.: Grin Industrial Co., Ltd. | | | | | SUR.:N/A | | | Shielding Angle:N/A | | |
| 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 | 22.3 | 23.7 | 22.5 | 23.9 | 24.1 | 22.6 | 24.1 | 22.9 | 24.3 | 24.5 |
| 3H | 23.4 | 24.8 | 23.7 | 25.0 | 25.3 | 24.0 | 25.4 | 24.3 | 25.6 | 25.9 |
| 4H | 23.8 | 25.1 | 24.1 | 25.3 | 25.6 | 24.5 | 25.8 | 24.8 | 26.1 | 26.3 |
| 6H | 23.9 | 25.1 | 24.2 | 25.4 | 25.6 | 24.6 | 25.8 | 24.9 | 26.0 | 26.3 |
| 8H | 23.9 | 25.0 | 24.2 | 25.3 | 25.6 | 24.5 | 25.7 | 24.8 | 26.0 | 26.2 |
| 12H | 23.8 | 24.9 | 24.2 | 25.2 | 25.5 | 24.5 | 25.6 | 24.8 | 25.9 | 26.2 |
| 4H 2H | 22.9 | 24.2 | 23.2 | 24.4 | 24.7 | 23.1 | 24.4 | 23.5 | 24.7 | 24.9 |
| 3H | 24.2 | 25.3 | 24.6 | 25.6 | 25.9 | 24.7 | 25.9 | 25.1 | 26.2 | 26.5 |
| 4H | 24.6 | 25.7 | 25.0 | 26.0 | 26.3 | 25.3 | 26.4 | 25.7 | 26.7 | 27.0 |
| 6H | 24.8 | 25.7 | 25.2 | 26.1 | 26.5 | 25.4 | 26.3 | 25.8 | 26.7 | 27.0 |
| 8H | 24.9 | 25.7 | 25.3 | 26.1 | 26.4 | 25.4 | 26.2 | 25.8 | 26.6 | 27.0 |
| 12H | 24.8 | 25.6 | 25.3 | 26.0 | 26.4 | 25.3 | 26.1 | 25.8 | 26.5 | 26.9 |
| 8H 4H | 24.9 | 25.7 | 25.3 | 26.1 | 26.5 | 25.5 | 26.4 | 25.9 | 26.7 | 27.1 |
| 6H | 25.2 | 25.9 | 25.6 | 26.3 | 26.7 | 25.6 | 26.3 | 26.1 | 26.7 | 27.1 |
| 8H | 25.2 | 25.9 | 25.7 | 26.3 | 26.7 | 25.6 | 26.2 | 26.1 | 26.6 | 27.1 |
| 12H | 25.3 | 25.8 | 25.7 | 26.2 | 26.7 | 25.6 | 26.1 | 26.0 | 26.5 | 27.0 |
| 12H 4H | 24.9 | 25.6 | 25.3 | 26.0 | 26.4 | 25.5 | 26.3 | 25.9 | 26.6 | 27.1 |
| 6H | 25.2 | 25.8 | 25.6 | 26.2 | 26.7 | 25.6 | 26.2 | 26.1 | 26.7 | 27.1 |
| 8H | 25.2 | 25.8 | 25.7 | 26.2 | 26.7 | 25.6 | 26.1 | 26.1 | 26.6 | 27.0 |
| Variations with the observer position at spacings: | | | | | | | | | | |
| S = 1.0H | + 0.3 / - 0.3 | | | | | + 0.2 / - 0.3 | | | | |
| 1.5H | + 0.4 / - 0.5 | | | | | + 0.1 / - 0.3 | | | | |
| 2.0H | + 0.3 / - 0.4 | | | | | + 0.3 / - 0.3 | | | | |

CIE Pub.117, 1464 lm Total Lamp Luminous Flux Correct ($8\log(F/F_0) = 1.3$)
Area: 0.024 m²

H(□) Range:-90 - 90DEG
H(□) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Jessy
Test Date:2025-02-12

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:7.158m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

| | | |
|--|------------------|---------------------|
| Test:U:41.370V I:0.1890A P:7.8190W PF:0.9742 Freq:59.98Hz Lamp Flux:1464.47x1 lm | | |
| NAME: LED Explosion-proof Light | TYPE:Flood Light | WEIGHT:N/A |
| SPEC.:40W/5000K | DIM.: 190*150mm | SERIAL No.:N/A |
| MFR.: Grin Industrial Co., Ltd. | SUR.:N/A | Shielding Angle:N/A |

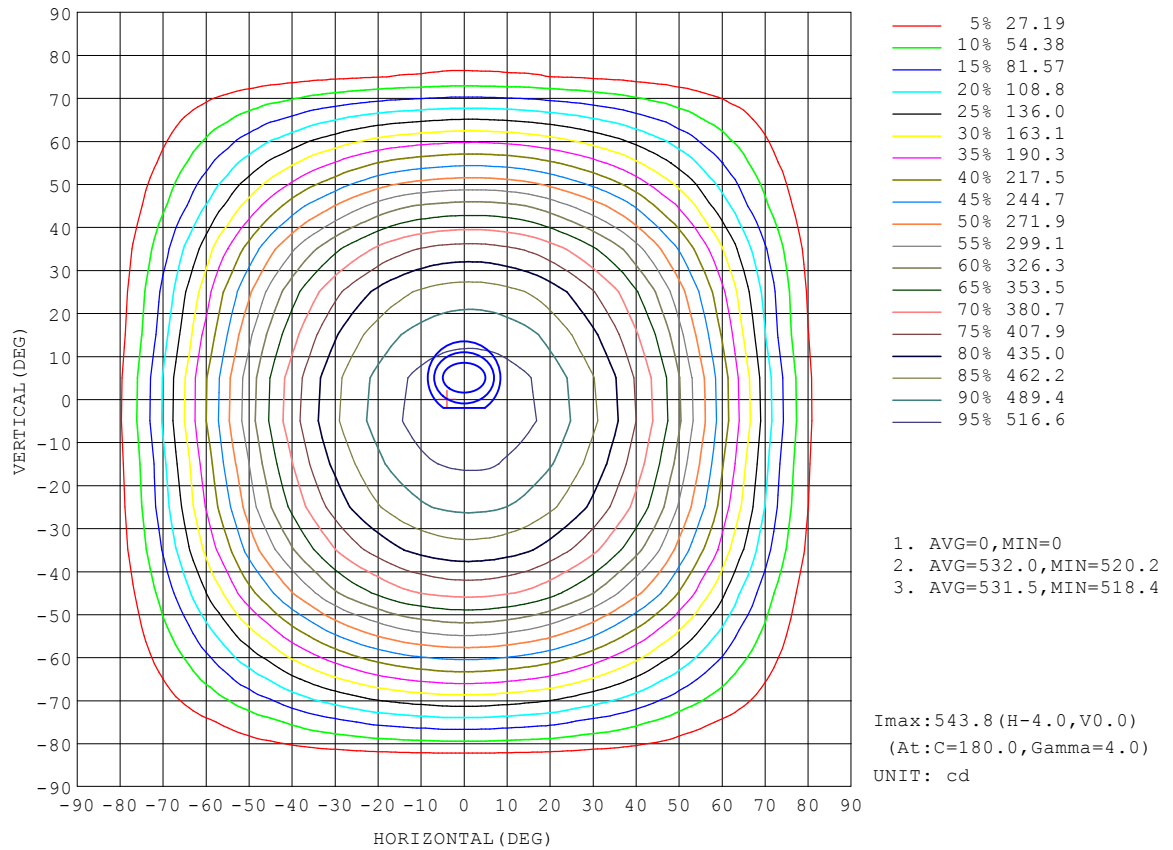
| REFLECTANCE | | | | | | | | | | |
|----------------------------------|--|-----|-----------|-----|-----|-----|-----|---------------|-----|--------|
| Ceiling | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 | 0 |
| Walls | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0 |
| Working plane | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0 |
| ROOM INDEX | UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$ | | | | | | | | | |
| $k = 0.60$ | 59 | 47 | 41 | 58 | 47 | 40 | 57 | 47 | 40 | 34 |
| 0.80 | 69 | 58 | 51 | 68 | 57 | 50 | 66 | 57 | 50 | 43 |
| 1.00 | 78 | 67 | 60 | 77 | 66 | 60 | 74 | 68 | 59 | 52 |
| 1.25 | 85 | 75 | 68 | 84 | 74 | 68 | 81 | 73 | 67 | 60 |
| 1.50 | 90 | 81 | 74 | 88 | 80 | 73 | 85 | 78 | 72 | 65 |
| 2.00 | 97 | 89 | 83 | 95 | 87 | 82 | 91 | 85 | 80 | 73 |
| 2.50 | 100 | 93 | 88 | 98 | 92 | 87 | 95 | 89 | 85 | 77 |
| 3.00 | 104 | 97 | 92 | 102 | 96 | 91 | 98 | 93 | 89 | 81 |
| 4.00 | 107 | 102 | 98 | 105 | 100 | 97 | 101 | 97 | 94 | 85 |
| 5.00 | 110 | 105 | 102 | 107 | 103 | 100 | 103 | 100 | 97 | 88 |
| ROOM INDEX | UF (total) | | | | | | | | | Direct |
| According to DIN EN 13032-2 2004 | | | Suspended | | | | | SHRNOM = 1.25 | | |

H(□) Range:-90 - 90DEG
 H(□) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Jessy
 Test Date:2025-02-12

V(B) Range:-75 - 75DEG
 V(B) Interval: 5.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.411
 Humidity:65.0%
 Test Distance:7.158m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

| | | |
|--|------------------|---------------------|
| Test:U:41.370V I:0.1890A P:7.8190W PF:0.9742 Freq:59.98Hz Lamp Flux:1464.47x1 lm | | |
| NAME: LED Explosion-proof Light | TYPE:Flood Light | WEIGHT:N/A |
| SPEC.:40W/5000K | DIM.: 190*150mm | SERIAL No.:N/A |
| MFR.: Grin Industrial Co., Ltd. | SUR.:N/A | Shielding Angle:N/A |

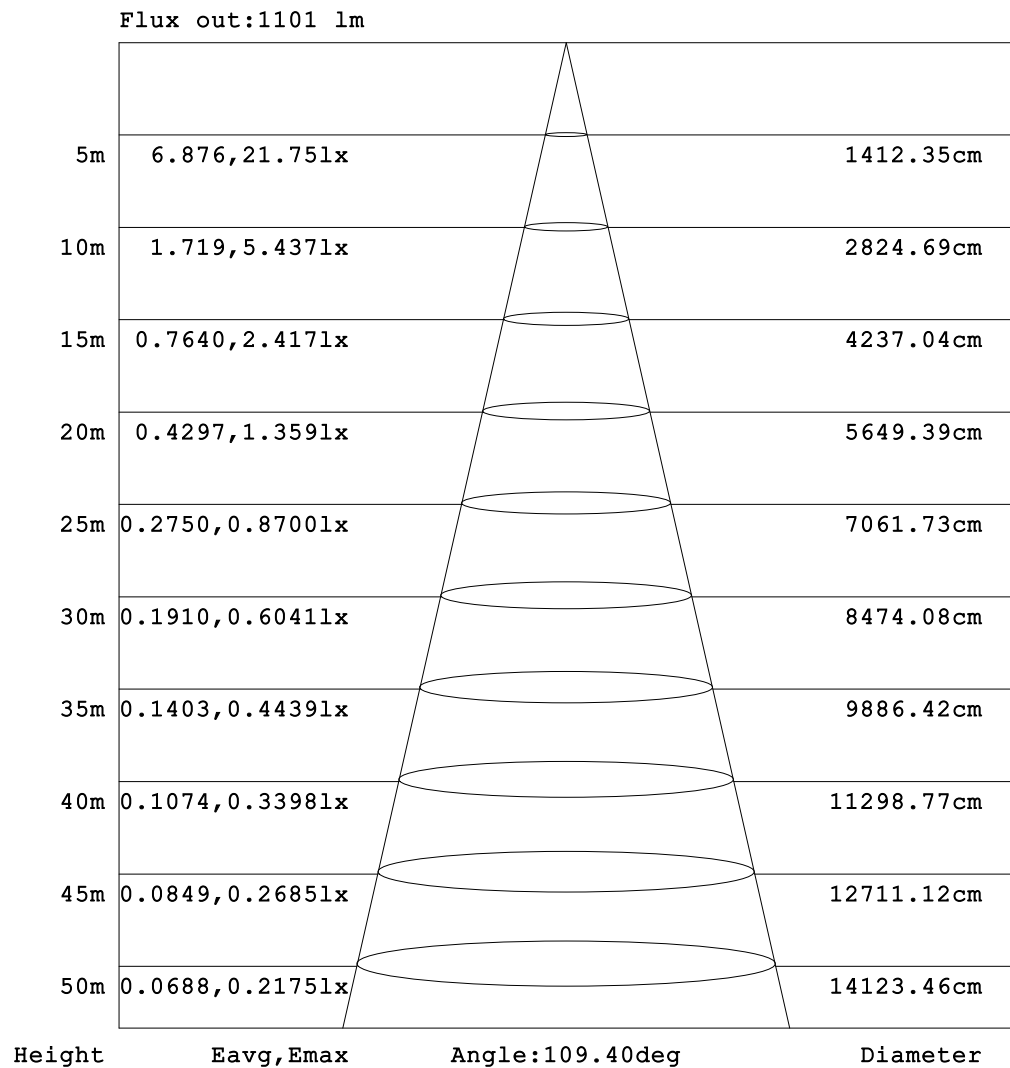


H(□) Range:-90 - 90DEG
H(□) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Jessy
Test Date:2025-02-12

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:7.158m [K=1.0000]
Remarks:

AAI Figure

| | | |
|--|------------------|---------------------|
| Test:U:41.370V I:0.1890A P:7.8190W PF:0.9742 Freq:59.98Hz Lamp Flux:1464.47x1 lm | | |
| NAME: LED Explosion-proof Light | TYPE:Flood Light | WEIGHT:N/A |
| SPEC.:40W/5000K | DIM.: 190*150mm | SERIAL No.:N/A |
| MFR.: Grin Industrial Co., Ltd. | SUR.:N/A | Shielding Angle:N/A |



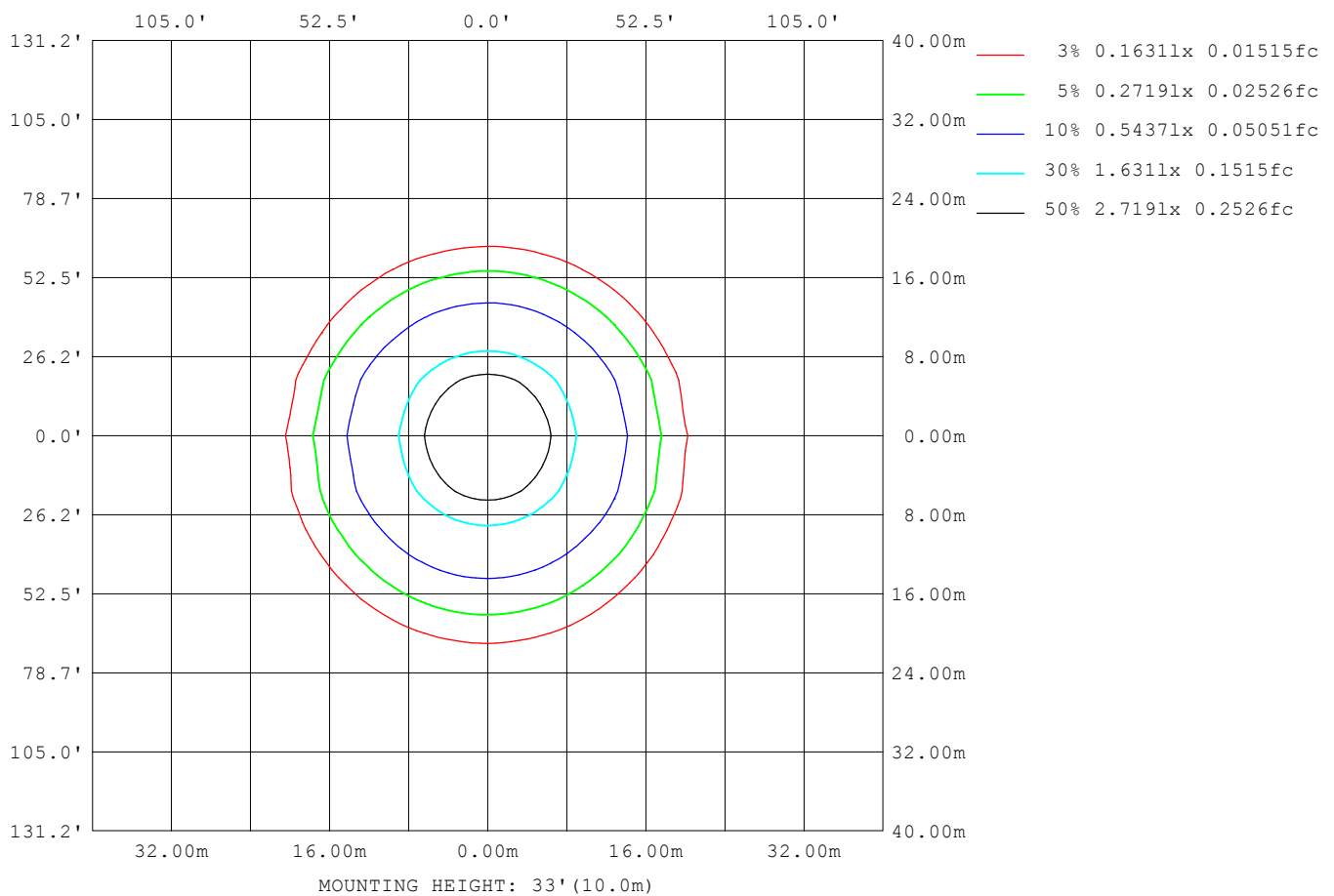
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

H(□) Range:-90 - 90DEG
H(□) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Jessy
Test Date:2025-02-12

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:7.158m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

| | | |
|--|------------------|---------------------|
| Test:U:41.370V I:0.1890A P:7.8190W PF:0.9742 Freq:59.98Hz Lamp Flux:1464.47x1 lm | | |
| NAME: LED Explosion-proof Light | TYPE:Flood Light | WEIGHT:N/A |
| SPEC.:40W/5000K | DIM.: 190*150mm | SERIAL No.:N/A |
| MFR.: Grin Industrial Co., Ltd. | SUR.:N/A | Shielding Angle:N/A |



H(□) Range:-90 - 90DEG
H(□) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Jessy
Test Date:2025-02-12

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:7.158m [K=1.0000]
Remarks:

LED Avg.L Report

| | | |
|--|------------------|---------------------|
| Test:U:41.370V I:0.1890A P:7.8190W PF:0.9742 Freq:59.98Hz Lamp Flux:1464.47x1 lm | | |
| NAME: LED Explosion-proof Light | TYPE:Flood Light | WEIGHT:N/A |
| SPEC.:40W/5000K | DIM.: 190*150mm | SERIAL No.:N/A |
| MFR.: Grin Industrial Co., Ltd. | SUR.:N/A | Shielding Angle:N/A |

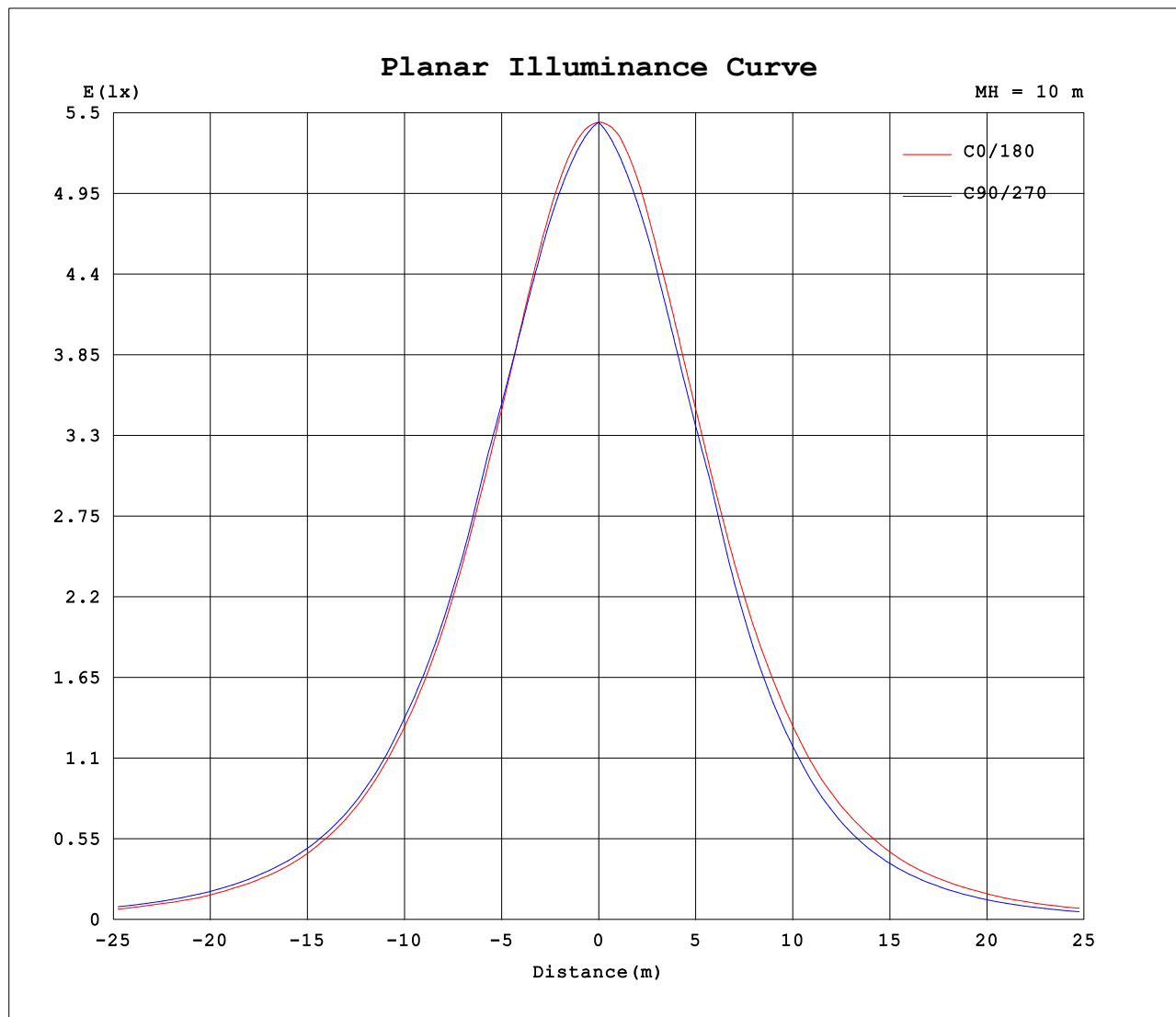
| AvgL | cd/m2 |
|------------------|-------|
| L_0~180 (65) av | 17414 |
| L_0~180 (75) av | 11724 |
| L_0~180 (85) av | 3108 |
| L_90~270 (65) av | 16657 |
| L_90~270 (75) av | 10453 |
| L_90~270 (85) av | 0 |
| L_45 (65) av | 16951 |
| L_45 (75) av | 11815 |
| L_45 (85) av | 0 |

Standard: GB/T 29293-2012

H(□) Range:-90 - 90DEG
H(□) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Jessy
Test Date:2025-02-12

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:7.158m [K=1.0000]
Remarks:

Planar Illuminance Curve



H(□) Range:-90 - 90DEG
H(□) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Jessy
Test Date:2025-02-12

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:7.158m [K=1.0000]
Remarks:

```
V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:7.158m [K=1.0000]
Remarks:
```

```
V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:7.158m [K=1.0000]
Remarks:
```

```
V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:7.158m [K=1.0000]
Remarks:
```

```
V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:7.158m [K=1.0000]
Remarks:
```