

Sample : PAR30S-11-927-25D-DIM
Specification :
Sample No. :
Manufacturer : RAB Lighting Inc.
Assessor : cuiquan
Remark :
Device SN :

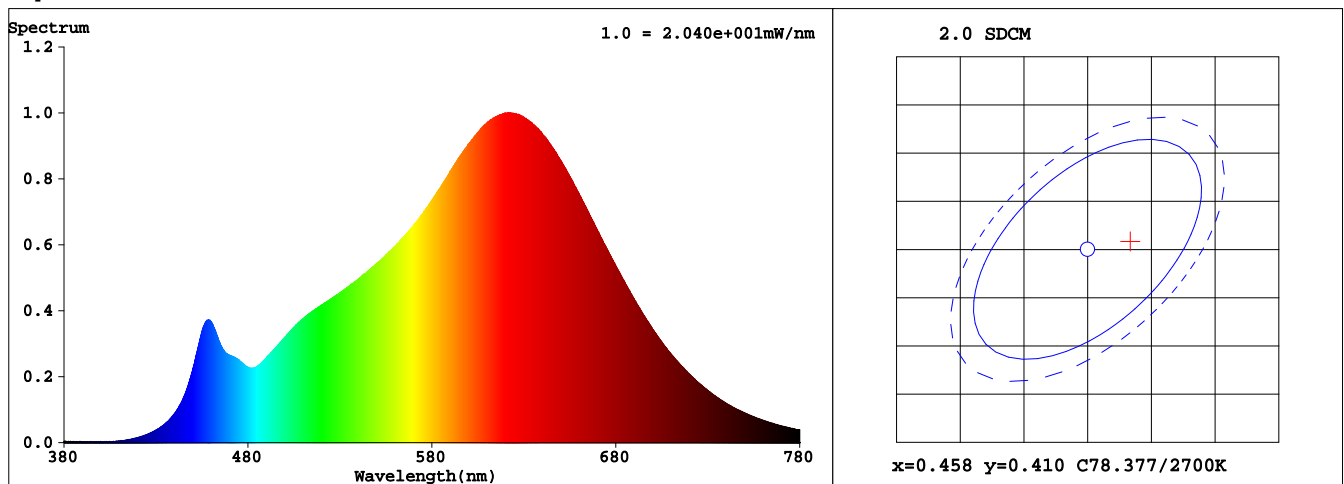
Date : 2020-04-18 13:35:20
Sam. Status :
Standard : LM-79-80
Instrument : HaasSuite(EVERFINE)
Test by :

Test Condition

Temperature : 26.7Deg
WL Range : 380nm-780nm
Test Mode : Fast Test
Sensitivity : High

RH : 30.1%
IP : 52216 (80%)
T : 184 ms

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4610$ $y = 0.4107$ / $u' = 0.2632$ $v' = 0.5275$ ($duv = -7.41e-05$)
CCT= 2685K Prcp WL: Ld=584.3nm Purity=61.6%
Peak WL: Lp=622nm FWHM: =142.5nm Ratio:R=26.7% G=70.6% B=2.7%
Render Index: Ra = 92.8 TM30:Rf=91 Rg=97

EEL: 0.14304 A+

R1 =94 R2 =99 R3 =97 R4 =93 R5 =94 R6 =97 R7 =90
R8 =80 R9 =59 R10=97 R11=95 R12=86 R13=96 R14=99 R15=89
LEVEL:OUT WHITE:ANSI_2700K

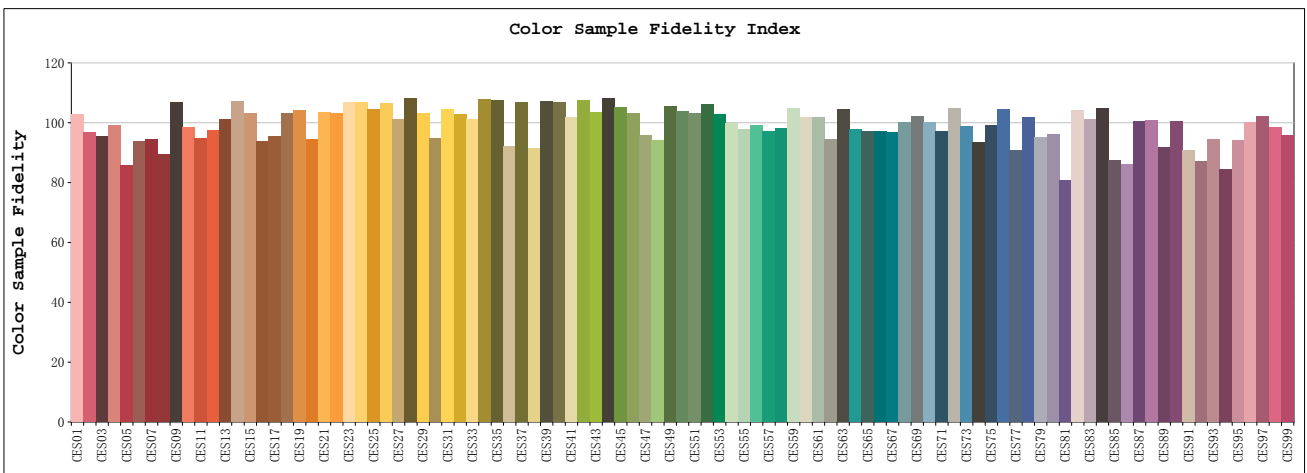
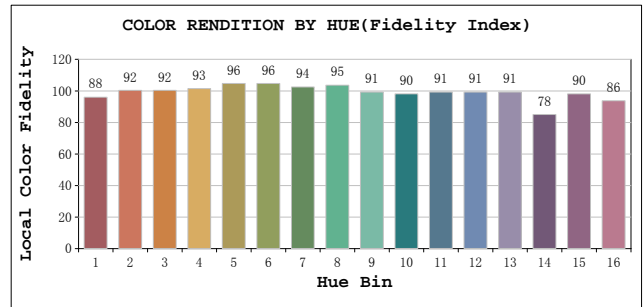
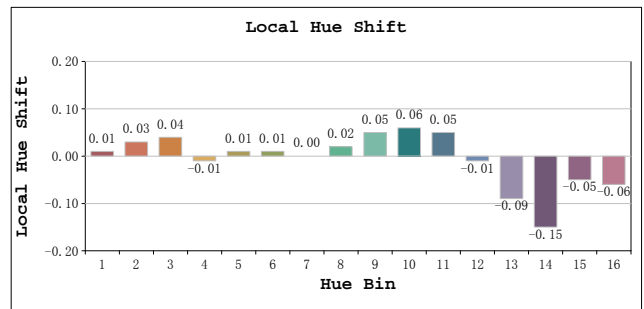
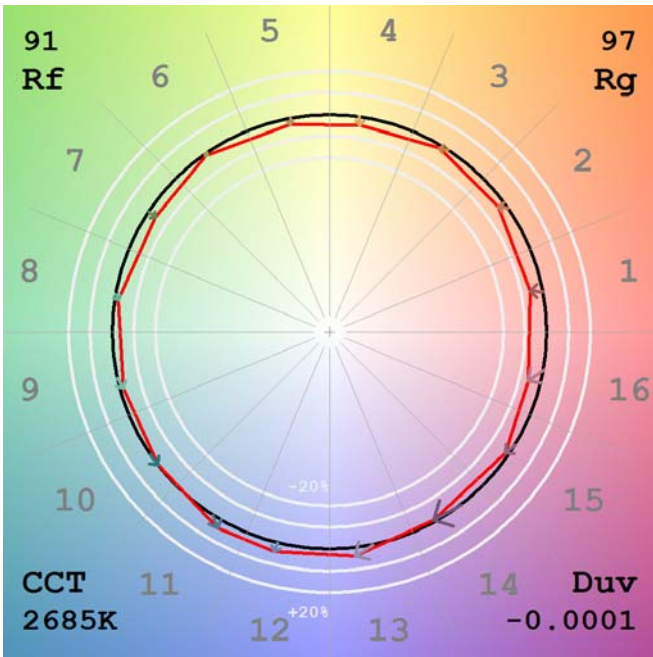
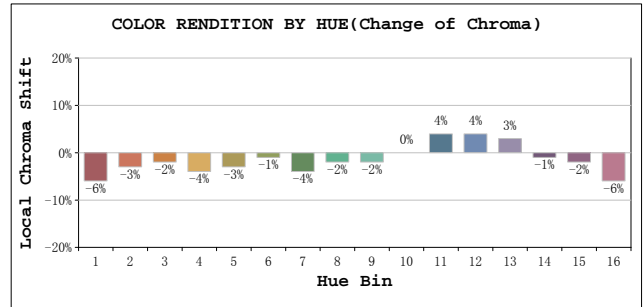
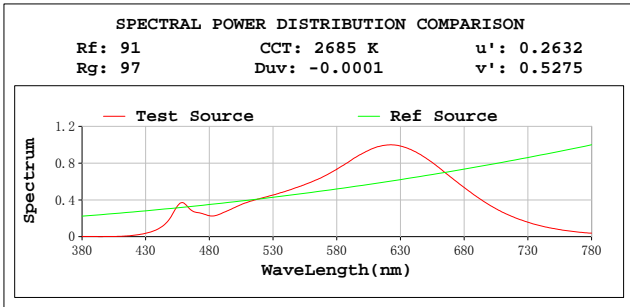
Photometric & Radiometric Parameters

Flux = 925.89 lm Eff. : 89.72 lm/W Fe = 3.3100 W
Flux of emitted photons($\mu\text{mol/s}$):16.609 Fluo. and blue light ratio:12.91 Fluorescent eff.:286.4

Electrical parameters

V = 119.99 V I = 0.08940 A P = 10.32 W PF = 0.9620

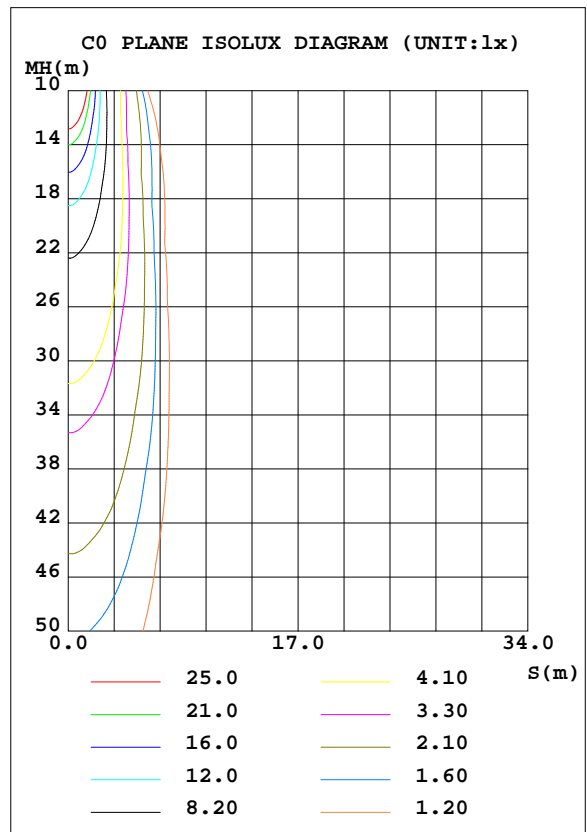
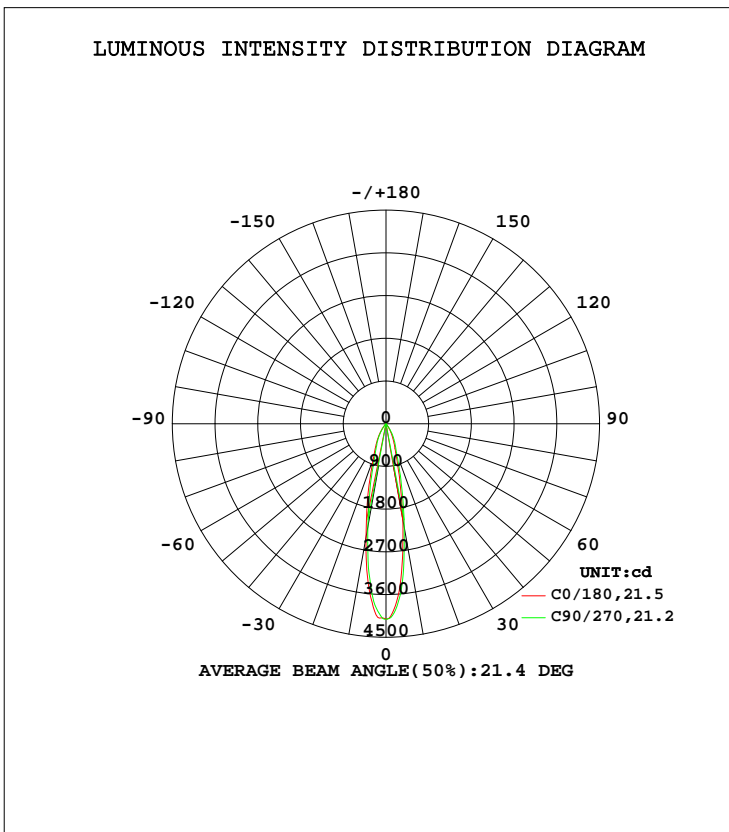
TM30



LUMINAIRE PHOTOMETRIC TEST REPORT

| | | |
|-----------------------------|---------|--------------------|
| NAME: PAR30S-11-927-25D-DIM | TYPE: / | WEIGHT: / |
| SPEC.: / | DIM.: / | SERIAL No.: / |
| MFR.: RAB Lighting Inc | SUR.: / | Shielding Angle: / |

| DATA OF LAMP | | PHOTOMETRIC DATA | | | | Eff: 93.96 lm/W |
|------------------|---------|-----------------------|--------|--------------------|-----------|-----------------|
| MODEL | P30 | I _{max} (cd) | 4121 | S/MH(C0/180) | 0.39 | |
| NOMINAL POWER(W) | 11 | LOR(%) | 100.0 | S/MH(C90/270) | 0.36 | |
| RATED VOLTAGE(V) | 120 | TOTAL FLUX(lm) | 972.31 | η UP, DN(C0-180) | 0.0, 49.3 | |
| NOMINAL FLUX(lm) | 972.313 | CIE CLASS | DIRECT | η UP, DN(C180-360) | 0.0, 50.7 | |
| LAMPS INSIDE | 1 | η up(%) | 0.0 | CIBSE SHR NOM | 0.00 | |
| TEST VOLTAGE(V) | 120 | η down(%) | 100.0 | CIBSE SHR MAX | 1.00 | |



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:15 April 2020

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.366
 Humidity:65.0%
 Test Distance:2.513m [K=1.0000]
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

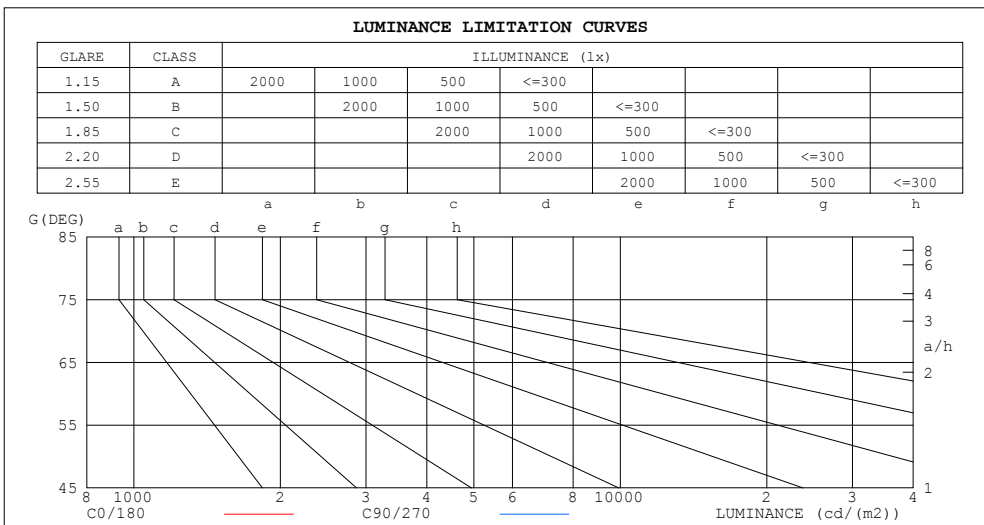
| γ | C0 | C45 | C90 | C135 | C180 | C225 | C270 | C315 | γ | Φ zone | Φ total | %lum, lamp |
|-----|-----------------------|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|------------|
| 5 | 3415 | 3433 | 3577 | 3682 | 3677 | 3699 | 3532 | 3359 | 0- 5 | 91.63 | 91.63 | 9.42,9.42 |
| 10 | 2048 | 2058 | 2226 | 2383 | 2432 | 2401 | 2201 | 2015 | 5- 10 | 201.6 | 293.2 | 30.2,30.2 |
| 15 | 1028 | 1067 | 1215 | 1379 | 1425 | 1392 | 1230 | 1030 | 10- 15 | 195.2 | 488.5 | 50.2,50.2 |
| 20 | 559.7 | 576.2 | 654.1 | 777.4 | 786.6 | 767.2 | 665.9 | 581.1 | 15- 20 | 146.7 | 635.2 | 65.3,65.3 |
| 25 | 349.4 | 367.7 | 440.8 | 502.3 | 510.3 | 494.9 | 447.3 | 387.2 | 20- 25 | 113.1 | 748.2 | 77.77 |
| 30 | 200.0 | 213.5 | 281.2 | 334.4 | 326.7 | 316.5 | 290.9 | 231.9 | 25- 30 | 88.83 | 837.1 | 86.1,86.1 |
| 35 | 83.36 | 91.63 | 139.4 | 183.3 | 180.4 | 172.5 | 148.2 | 98.03 | 30- 35 | 59.56 | 896.6 | 92.2,92.2 |
| 40 | 28.41 | 31.38 | 43.07 | 66.21 | 64.75 | 64.58 | 51.18 | 31.64 | 35- 40 | 28.79 | 925.4 | 95.2,95.2 |
| 45 | 17.29 | 20.71 | 22.82 | 22.67 | 23.35 | 28.26 | 25.32 | 18.74 | 40- 45 | 11.61 | 937.0 | 96.4,96.4 |
| 50 | 14.47 | 16.22 | 17.21 | 17.26 | 16.59 | 18.63 | 17.46 | 15.27 | 45- 50 | 7.675 | 944.7 | 97.2,97.2 |
| 55 | 12.00 | 12.51 | 13.24 | 15.78 | 14.73 | 14.33 | 13.18 | 12.82 | 50- 55 | 6.608 | 951.3 | 97.8,97.8 |
| 60 | 10.32 | 10.67 | 10.84 | 11.84 | 10.99 | 10.75 | 10.51 | 11.24 | 55- 60 | 5.528 | 956.8 | 98.4,98.4 |
| 65 | 9.152 | 9.602 | 9.433 | 10.04 | 9.039 | 9.078 | 9.132 | 10.47 | 60- 65 | 4.913 | 961.8 | 98.9,98.9 |
| 70 | 6.972 | 6.877 | 7.558 | 8.538 | 7.475 | 7.636 | 7.519 | 8.054 | 65- 70 | 4.412 | 966.2 | 99.4,99.4 |
| 75 | 4.141 | 3.940 | 4.371 | 5.282 | 4.916 | 4.857 | 4.638 | 4.406 | 70- 75 | 3.201 | 969.4 | 99.7,99.7 |
| 80 | 2.357 | 2.203 | 2.469 | 2.884 | 2.714 | 2.625 | 2.577 | 2.516 | 75- 80 | 1.853 | 971.2 | 99.9,99.9 |
| 85 | 0.7111 | 0.6559 | 0.5713 | 1.148 | 1.137 | 1.088 | 0.9635 | 0.8691 | 80- 85 | 0.9322 | 972.2 | 100,100 |
| 90 | 0 | 0.0006 | 0.0006 | 0.0000 | 0 | 0 | 0 | 0 | 85- 90 | 0.1526 | 972.3 | 100,100 |
| 95 | 0 | 0 | 0 | 0 | 0.0000 | 0 | 0 | 0 | 90- 95 | 0.0000 | 972.3 | 100,100 |
| 100 | 0 | 0 | 0 | 0 | 0.0052 | 0 | 0 | 0 | 95-100 | 0.0003 | 972.3 | 100,100 |
| 105 | 0 | 0 | 0 | 0 | 0.0006 | 0 | 0 | 0 | 100-105 | 0.0002 | 972.3 | 100,100 |
| 110 | 0 | 0 | 0 | 0 | 0.0003 | 0 | 0 | 0 | 105-110 | 0.0000 | 972.3 | 100,100 |
| 115 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 110-115 | 0.0000 | 972.3 | 100,100 |
| 120 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 115-120 | 0 | 972.3 | 100,100 |
| 125 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 120-125 | 0 | 972.3 | 100,100 |
| 130 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 125-130 | 0 | 972.3 | 100,100 |
| 135 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 130-135 | 0.0000 | 972.3 | 100,100 |
| 140 | 0 | 0 | 0 | 0 | 0.0006 | 0.0000 | 0 | 0 | 135-140 | 0.0000 | 972.3 | 100,100 |
| 145 | 0.0003 | 0.0006 | 0 | 0 | 0.0016 | 0.0009 | 0.0000 | 0.0018 | 140-145 | 0.0001 | 972.3 | 100,100 |
| 150 | 0.0006 | 0.0003 | 0 | 0.0006 | 0.0025 | 0.0018 | 0.0018 | 0.0028 | 145-150 | 0.0003 | 972.3 | 100,100 |
| 155 | 0.0022 | 0.0009 | 0.0006 | 0.0006 | 0.0047 | 0.0031 | 0.0031 | 0.0037 | 150-155 | 0.0004 | 972.3 | 100,100 |
| 160 | 0.0043 | 0.0052 | 0.0022 | 0.0025 | 0.0077 | 0.0059 | 0.0059 | 0.0052 | 155-160 | 0.0007 | 972.3 | 100,100 |
| 165 | 0.0061 | 0.0053 | 0.0052 | 0.0046 | 0.0138 | 0.0077 | 0.0096 | 0.0089 | 160-165 | 0.0010 | 972.3 | 100,100 |
| 170 | 0.0052 | 0.0053 | 0.0052 | 0.0052 | 0.0148 | 0.0105 | 0.0142 | 0.0111 | 165-170 | 0.0010 | 972.3 | 100,100 |
| 175 | 0.0049 | 0.0049 | 0.0031 | 0.0071 | 0.0191 | 0.0194 | 0.0160 | 0.0157 | 170-175 | 0.0007 | 972.3 | 100,100 |
| 180 | 0.0052 | 0.0034 | 0 | 0.0052 | 0.0105 | 0.0072 | 0.0040 | 0.0043 | 175-180 | 0.0002 | 972.3 | 100,100 |
| DEG | LUMINOUS INTENSITY:cd | | | | | | | | | UNIT:lm | | |

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:15 April 2020

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.366
 Humidity:65.0%
 Test Distance:2.513m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

| | | |
|-----------------------------|---------|--------------------|
| NAME: PAR30S-11-927-25D-DIM | TYPE: / | WEIGHT: / |
| SPEC.: / | DIM.: / | SERIAL No.: / |
| MFR.: RAB Lighting Inc | SUR.: / | Shielding Angle: / |



| LUMINANCE cd/(m2) | | |
|-------------------|--------|---------|
| G (DEG) | C0/180 | C90/270 |
| 85 | 27 | 22 |
| 80 | 45 | 47 |
| 75 | 53 | 56 |
| 70 | 67 | 73 |
| 65 | 72 | 74 |
| 60 | 68 | 72 |
| 55 | 69 | 76 |
| 50 | 74 | 88 |
| 45 | 81 | 107 |

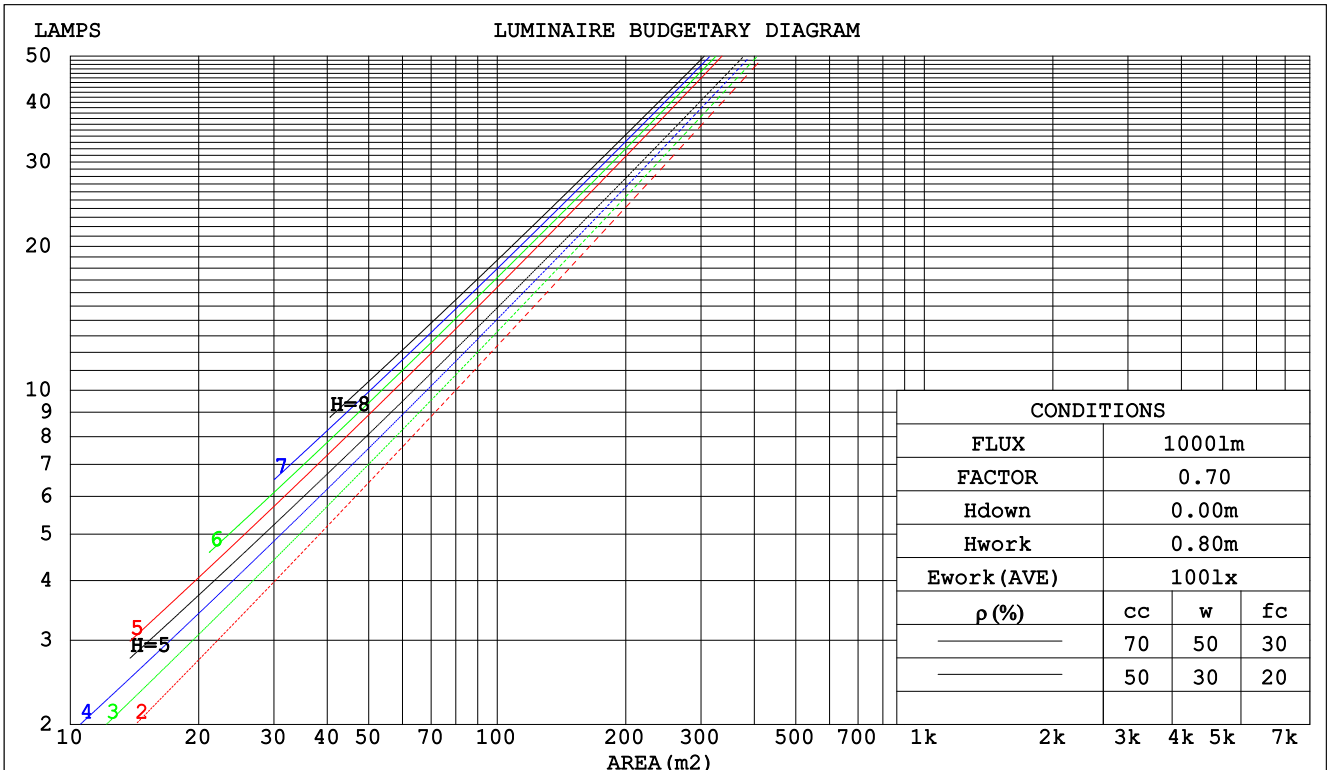
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 15 April 2020

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.366
 Humidity: 65.0%
 Test Distance: 2.513m [K=1.0000]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

| | | |
|-----------------------------|---------|--------------------|
| NAME: PAR30S-11-927-25D-DIM | TYPE: / | WEIGHT: / |
| SPEC.: / | DIM.: / | SERIAL No.: / |
| MFR.: RAB Lighting Inc | 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 | | | | | | 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 | 1.12 | 1.10 | 1.08 | 1.10 | 1.08 | 1.06 | 1.06 | 1.04 | 1.03 | 1.02 | 1.01 | .00 | .99 | .98 | .97 | .95 |
| 2.0 | 1.06 | 1.02 | .99 | 1.04 | 1.01 | .98 | 1.01 | .98 | .96 | .98 | .96 | .94 | .95 | .94 | .92 | .91 |
| 3.0 | 1.00 | .96 | .93 | .99 | .95 | .92 | .96 | .93 | .91 | .94 | .91 | .89 | .92 | .90 | .88 | .87 |
| 4.0 | .96 | .91 | .88 | .94 | .90 | .87 | .92 | .89 | .86 | .91 | .87 | .85 | .89 | .86 | .84 | .83 |
| 5.0 | .91 | .87 | .83 | .90 | .86 | .83 | .89 | .85 | .82 | .87 | .84 | .81 | .86 | .83 | .81 | .79 |
| 6.0 | .87 | .83 | .79 | .87 | .82 | .79 | .85 | .81 | .78 | .84 | .81 | .78 | .83 | .80 | .77 | .76 |
| 7.0 | .84 | .79 | .76 | .83 | .79 | .76 | .82 | .78 | .75 | .81 | .78 | .75 | .80 | .77 | .75 | .73 |
| 8.0 | .81 | .76 | .73 | .80 | .76 | .73 | .79 | .75 | .72 | .78 | .75 | .72 | .78 | .74 | .72 | .71 |
| 9.0 | .78 | .73 | .70 | .78 | .73 | .70 | .77 | .73 | .70 | .76 | .72 | .70 | .75 | .72 | .69 | .68 |
| 10.0 | .75 | .71 | .68 | .75 | .71 | .68 | .74 | .70 | .68 | .74 | .70 | .67 | .73 | .70 | .67 | .66 |



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 15 April 2020

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.366
 Humidity: 65.0%
 Test Distance: 2.513m [K=1.0000]
 Remarks:

WEC AND CCEC

| | | |
|-----------------------------|---------|--------------------|
| NAME: PAR30S-11-927-25D-DIM | TYPE: / | WEIGHT: / |
| SPEC.: / | DIM.: / | SERIAL No.: / |
| MFR.: RAB Lighting Inc | SUR.: / | Shielding Angle: / |

| ρcc | 80% | | | 70% | | | 50% | | | 30% | | | 10% | | | 0 |
|------|-----------------------|------|------|------|------|------|---------------------------------|------|------|------|------|------|------|------|------|---|
| ρw | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0 |
| ρfc | 20% | | | 20% | | | 20% | | | 20% | | | 20% | | | 0 |
| RCR | RCR:Room Cavity Ratio | | | | | | Wall Exitance Coefficients(WEC) | | | | | | | | | |
| 0.0 | | | | | | | | | | | | | | | | |
| 1.0 | .155 | .088 | .028 | .148 | .085 | .027 | .136 | .078 | .025 | .124 | .072 | .023 | .114 | .066 | .021 | |
| 2.0 | .145 | .079 | .024 | .140 | .077 | .024 | .129 | .072 | .022 | .120 | .067 | .021 | .111 | .063 | .020 | |
| 3.0 | .136 | .072 | .022 | .131 | .070 | .021 | .122 | .066 | .020 | .114 | .063 | .019 | .107 | .059 | .018 | |
| 4.0 | .128 | .066 | .019 | .124 | .065 | .019 | .116 | .062 | .018 | .109 | .059 | .018 | .103 | .056 | .017 | |
| 5.0 | .120 | .061 | .018 | .117 | .060 | .017 | .111 | .058 | .017 | .105 | .055 | .016 | .099 | .053 | .016 | |
| 6.0 | .114 | .057 | .016 | .111 | .056 | .016 | .105 | .054 | .016 | .100 | .052 | .015 | .095 | .050 | .015 | |
| 7.0 | .108 | .053 | .015 | .106 | .053 | .015 | .101 | .051 | .015 | .096 | .049 | .014 | .092 | .048 | .014 | |
| 8.0 | .103 | .050 | .014 | .101 | .050 | .014 | .096 | .048 | .014 | .092 | .047 | .014 | .089 | .046 | .013 | |
| 9.0 | .098 | .048 | .013 | .096 | .047 | .013 | .092 | .046 | .013 | .089 | .045 | .013 | .086 | .043 | .013 | |
| 10.0 | .094 | .045 | .013 | .092 | .045 | .012 | .089 | .044 | .012 | .086 | .043 | .012 | .083 | .042 | .012 | |

| ρcc | 80% | | | 70% | | | 50% | | | 30% | | | 10% | | | 0 |
|------|-----------------------|------|------|------|------|------|--|------|------|------|------|------|------|------|------|---|
| ρw | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0 |
| ρfc | 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 | .170 | .158 | .147 | .145 | .135 | .126 | .099 | .093 | .087 | .057 | .054 | .051 | .018 | .017 | .016 | |
| 2.0 | .153 | .133 | .116 | .131 | .114 | .100 | .090 | .079 | .070 | .052 | .046 | .041 | .017 | .015 | .013 | |
| 3.0 | .139 | .113 | .093 | .119 | .098 | .081 | .082 | .068 | .057 | .047 | .040 | .033 | .015 | .013 | .011 | |
| 4.0 | .127 | .098 | .076 | .109 | .085 | .066 | .075 | .059 | .047 | .043 | .035 | .028 | .014 | .011 | .009 | |
| 5.0 | .117 | .086 | .064 | .100 | .075 | .055 | .069 | .052 | .039 | .040 | .031 | .023 | .013 | .010 | .008 | |
| 6.0 | .108 | .076 | .054 | .093 | .066 | .047 | .064 | .046 | .033 | .037 | .027 | .020 | .012 | .009 | .006 | |
| 7.0 | .101 | .068 | .046 | .087 | .059 | .040 | .060 | .042 | .028 | .035 | .025 | .017 | .011 | .008 | .006 | |
| 8.0 | .095 | .062 | .039 | .082 | .054 | .034 | .056 | .038 | .024 | .033 | .022 | .014 | .011 | .007 | .005 | |
| 9.0 | .089 | .056 | .034 | .077 | .049 | .030 | .053 | .034 | .021 | .031 | .020 | .013 | .010 | .007 | .004 | |
| 10.0 | .084 | .052 | .030 | .073 | .045 | .026 | .050 | .032 | .019 | .029 | .019 | .011 | .010 | .006 | .004 | |

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 15 April 2020

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.366
 Humidity: 65.0%
 Test Distance: 2.513m [K=1.0000]
 Remarks: 光阑片: 0.2 遮光筒: 装

UGR(Unified Glare Rating) Table

| | | | | | | | | | | | | | | | |
|--|------------------|------|------|------|---------|----------------|------|------|------|--------------------|--|--|--|--|--|
| NAME: PAR30S-11-927-25D-DIM | | | | | TYPE: / | | | | | WEIGHT: / | | | | | |
| SPEC.: / | | | | | DIM.: / | | | | | SERIAL No.: / | | | | | |
| MFR.: RAB Lighting Inc | | | | | 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 | -2.5 | -1.7 | -2.3 | -1.6 | -1.4 | -1.1 | -0.3 | -0.8 | -0.1 | 0.0 | | | | | |
| 3H | -1.6 | -0.9 | -1.4 | -0.7 | -0.5 | -0.4 | 0.3 | -0.2 | 0.4 | 0.6 | | | | | |
| 4H | -1.3 | -0.6 | -1.0 | -0.4 | -0.2 | -0.2 | 0.4 | 0.0 | 0.7 | 0.9 | | | | | |
| 6H | -1.1 | -0.5 | -0.8 | -0.3 | -0.0 | -0.1 | 0.5 | 0.2 | 0.8 | 1.0 | | | | | |
| 8H | -1.1 | -0.5 | -0.8 | -0.2 | 0.0 | -0.1 | 0.5 | 0.2 | 0.8 | 1.0 | | | | | |
| 12H | -1.1 | -0.5 | -0.8 | -0.3 | 0.0 | -0.1 | 0.5 | 0.2 | 0.7 | 1.0 | | | | | |
| 4H 2H | -2.2 | -1.5 | -1.9 | -1.3 | -1.1 | -0.9 | -0.3 | -0.7 | -0.1 | 0.2 | | | | | |
| 3H | -1.1 | -0.5 | -0.8 | -0.3 | 0.0 | -0.1 | 0.5 | 0.2 | 0.7 | 1.0 | | | | | |
| 4H | -0.7 | -0.2 | -0.4 | 0.1 | 0.4 | 0.2 | 0.7 | 0.5 | 1.0 | 1.3 | | | | | |
| 6H | -0.5 | -0.0 | -0.1 | 0.3 | 0.7 | 0.3 | 0.8 | 0.7 | 1.1 | 1.5 | | | | | |
| 8H | -0.4 | 0.0 | -0.0 | 0.4 | 0.7 | 0.4 | 0.8 | 0.8 | 1.2 | 1.5 | | | | | |
| 12H | -0.4 | -0.0 | -0.0 | 0.3 | 0.7 | 0.4 | 0.8 | 0.8 | 1.1 | 1.5 | | | | | |
| 8H 4H | -0.6 | -0.2 | -0.3 | 0.1 | 0.5 | 0.2 | 0.6 | 0.6 | 1.0 | 1.3 | | | | | |
| 6H | -0.3 | 0.0 | 0.1 | 0.4 | 0.8 | 0.4 | 0.8 | 0.9 | 1.2 | 1.6 | | | | | |
| 8H | -0.2 | 0.1 | 0.2 | 0.5 | 0.9 | 0.5 | 0.8 | 1.0 | 1.2 | 1.7 | | | | | |
| 12H | -0.2 | 0.1 | 0.2 | 0.5 | 1.0 | 0.5 | 0.8 | 1.0 | 1.2 | 1.7 | | | | | |
| 12H 4H | -0.7 | -0.3 | -0.3 | 0.1 | 0.5 | 0.2 | 0.6 | 0.6 | 0.9 | 1.3 | | | | | |
| 6H | -0.3 | -0.0 | 0.1 | 0.4 | 0.8 | 0.4 | 0.7 | 0.9 | 1.2 | 1.6 | | | | | |
| 8H | -0.2 | 0.0 | 0.2 | 0.5 | 0.9 | 0.5 | 0.8 | 1.0 | 1.2 | 1.7 | | | | | |
| Variations with the observer position at spacings: | | | | | | | | | | | | | | | |
| S = 1.0H | + 0.8 / - 0.6 | | | | | + 1.8 / - 1.0 | | | | | | | | | |
| 1.5H | + 1.5 / - 0.5 | | | | | + 3.3 / - 0.9 | | | | | | | | | |
| 2.0H | + 0.4 / - 0.4 | | | | | + 0.6 / - 0.5 | | | | | | | | | |

CIE Pub.117, 972.3 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -0.1)

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 15 April 2020

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.366
 Humidity: 65.0%
 Test Distance: 2.513m [K=1.0000]
 Remarks:

UTILIZATION FACTORS TABLE

| | | |
|-----------------------------|---------|--------------------|
| NAME: PAR30S-11-927-25D-DIM | TYPE: / | WEIGHT: / |
| SPEC.: / | DIM.: / | SERIAL No.: / |
| MFR.: RAB Lighting Inc | SUR.: / | Shielding Angle: / |

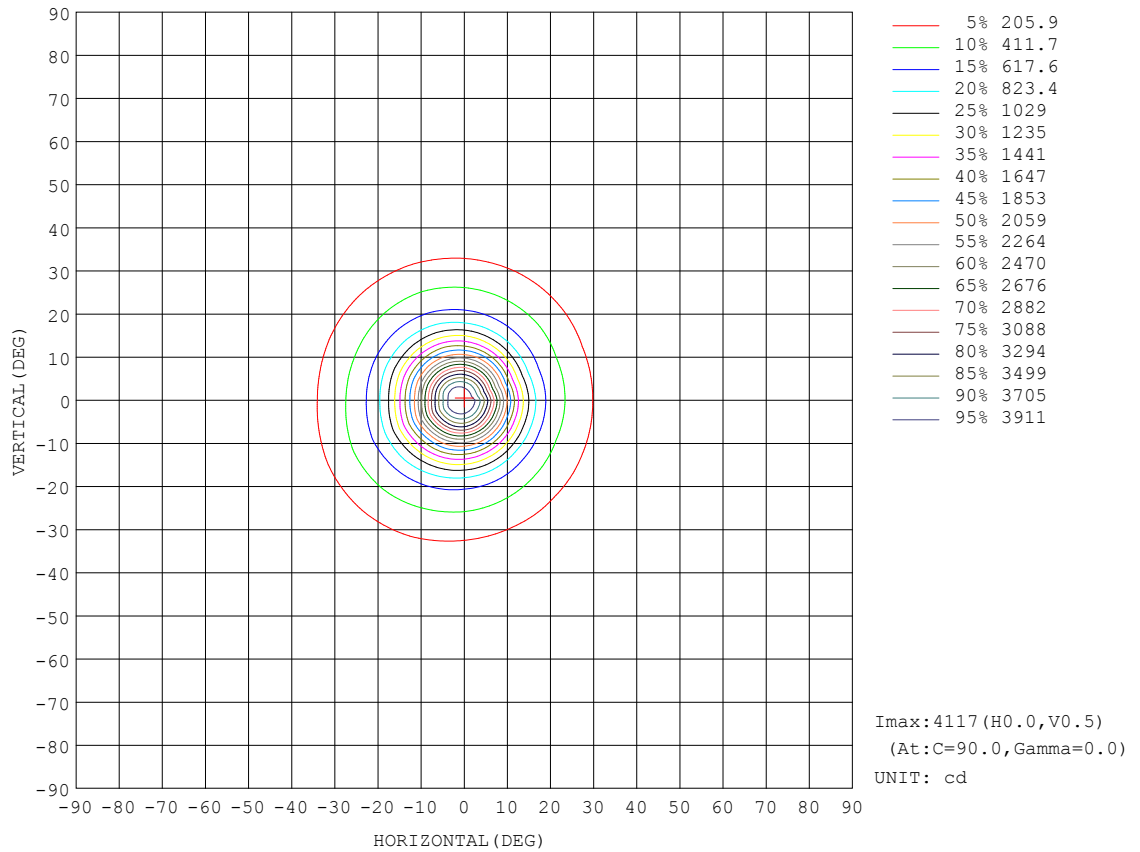
| REFLECTANCE | | | | | | | | | | |
|----------------------------------|--|-----|-----------|-----|-----|-----|---------------|-----|-----|--------|
| Ceiling | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 | 0 |
| Walls | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0 |
| Working plane | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0 |
| ROOM INDEX | UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$ | | | | | | | | | |
| $k = 0.60$ | 89 | 82 | 79 | 88 | 82 | 79 | 87 | 82 | 79 | 75 |
| 0.80 | 96 | 90 | 87 | 95 | 90 | 86 | 94 | 89 | 86 | 82 |
| 1.00 | 100 | 94 | 91 | 99 | 94 | 91 | 97 | 94 | 90 | 86 |
| 1.25 | 104 | 99 | 95 | 103 | 98 | 95 | 101 | 97 | 94 | 90 |
| 1.50 | 106 | 102 | 98 | 105 | 101 | 98 | 103 | 99 | 97 | 92 |
| 2.00 | 109 | 105 | 102 | 107 | 104 | 101 | 105 | 102 | 99 | 94 |
| 2.50 | 110 | 107 | 104 | 109 | 105 | 103 | 106 | 103 | 101 | 95 |
| 3.00 | 112 | 109 | 106 | 110 | 107 | 105 | 107 | 105 | 103 | 96 |
| 4.00 | 114 | 111 | 109 | 112 | 110 | 108 | 108 | 106 | 105 | 98 |
| 5.00 | 115 | 113 | 111 | 113 | 111 | 110 | 109 | 108 | 107 | 99 |
| 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: 25.3DEG
 Operators:
 Test Date: 15 April 2020

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.366
 Humidity: 65.0%
 Test Distance: 2.513m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

| | | |
|-----------------------------|---------|--------------------|
| NAME: PAR30S-11-927-25D-DIM | TYPE: / | WEIGHT: / |
| SPEC.: / | DIM.: / | SERIAL No.: / |
| MFR.: RAB Lighting Inc | SUR.: / | Shielding Angle: / |

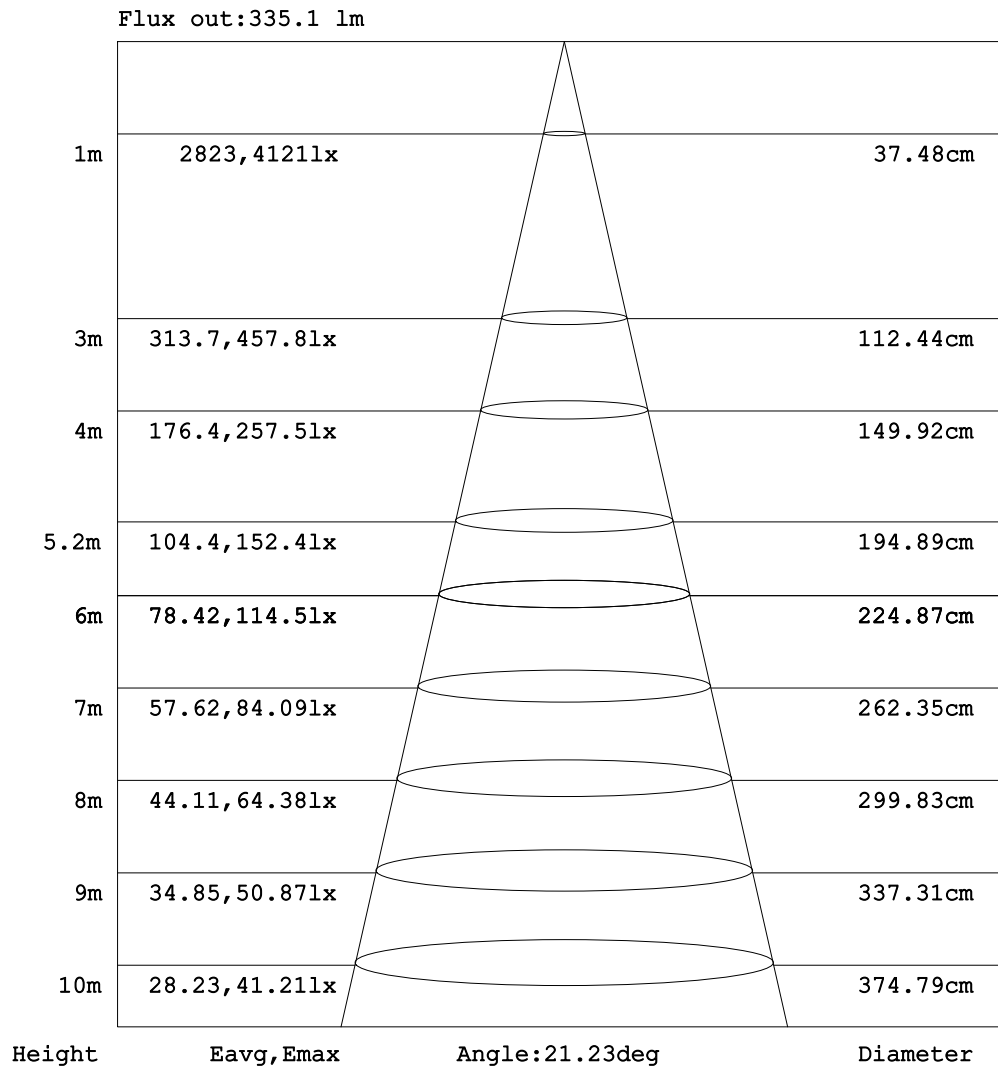


C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 15 April 2020

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.366
 Humidity: 65.0%
 Test Distance: 2.513m [K=1.0000]
 Remarks:

AAI Figure

| | | |
|-----------------------------|---------|--------------------|
| NAME: PAR30S-11-927-25D-DIM | TYPE: / | WEIGHT: / |
| SPEC.: / | DIM.: / | SERIAL No.: / |
| MFR.: RAB Lighting Inc | SUR.: / | Shielding Angle: / |



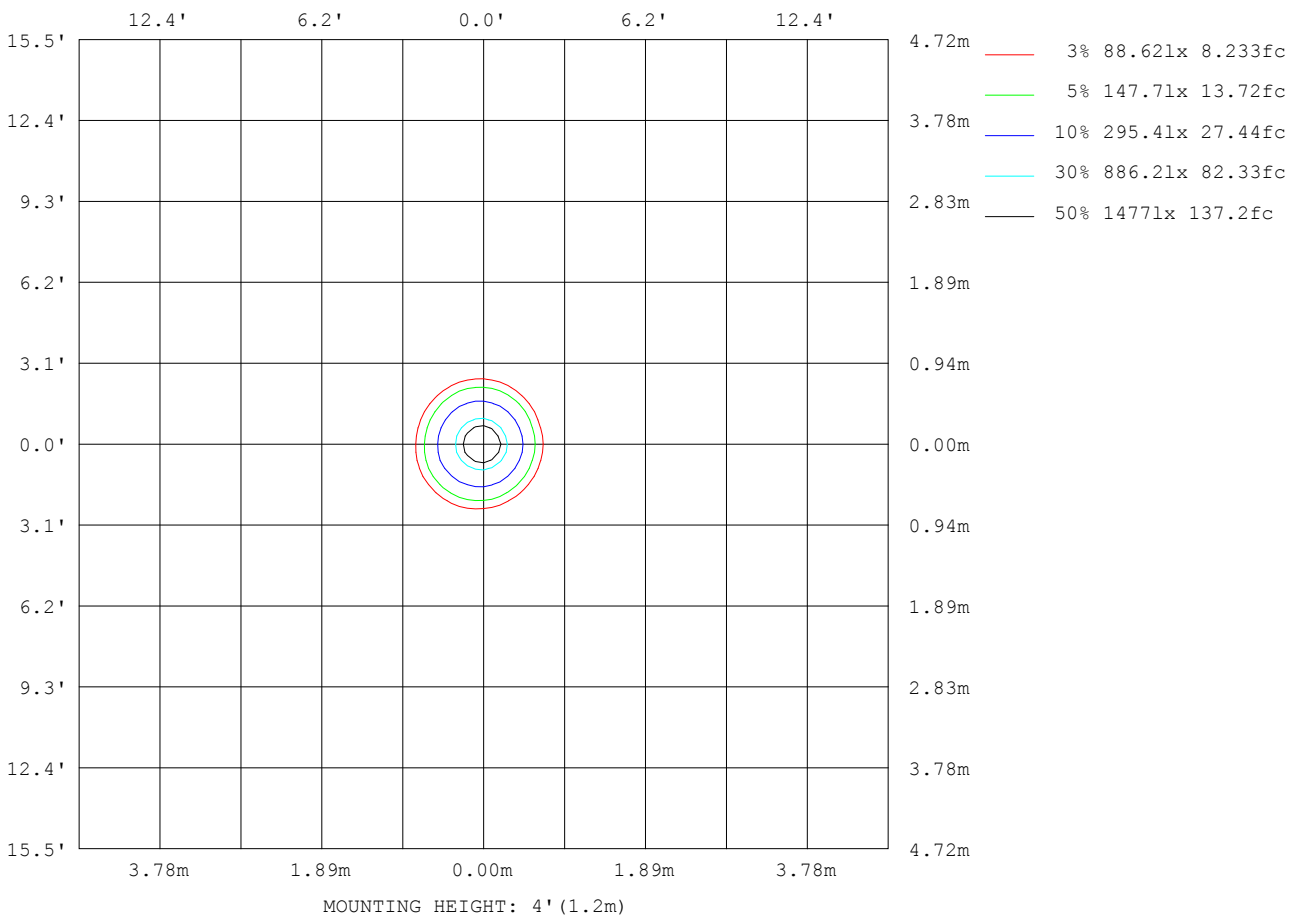
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 15 April 2020

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.366
 Humidity: 65.0%
 Test Distance: 2.513m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

| | | |
|-----------------------------|---------|--------------------|
| NAME: PAR30S-11-927-25D-DIM | TYPE: / | WEIGHT: / |
| SPEC.: / | DIM.: / | SERIAL No.: / |
| MFR.: RAB Lighting Inc | SUR.: / | Shielding Angle: / |



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 15 April 2020

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.366
 Humidity: 65.0%
 Test Distance: 2.513m [K=1.0000]
 Remarks:

LED Avg.L Report

| | | |
|-----------------------------|---------|--------------------|
| NAME: PAR30S-11-927-25D-DIM | TYPE: / | WEIGHT: / |
| SPEC.: / | DIM.: / | SERIAL No.: / |
| MFR.: RAB Lighting Inc | SUR.: / | Shielding Angle: / |

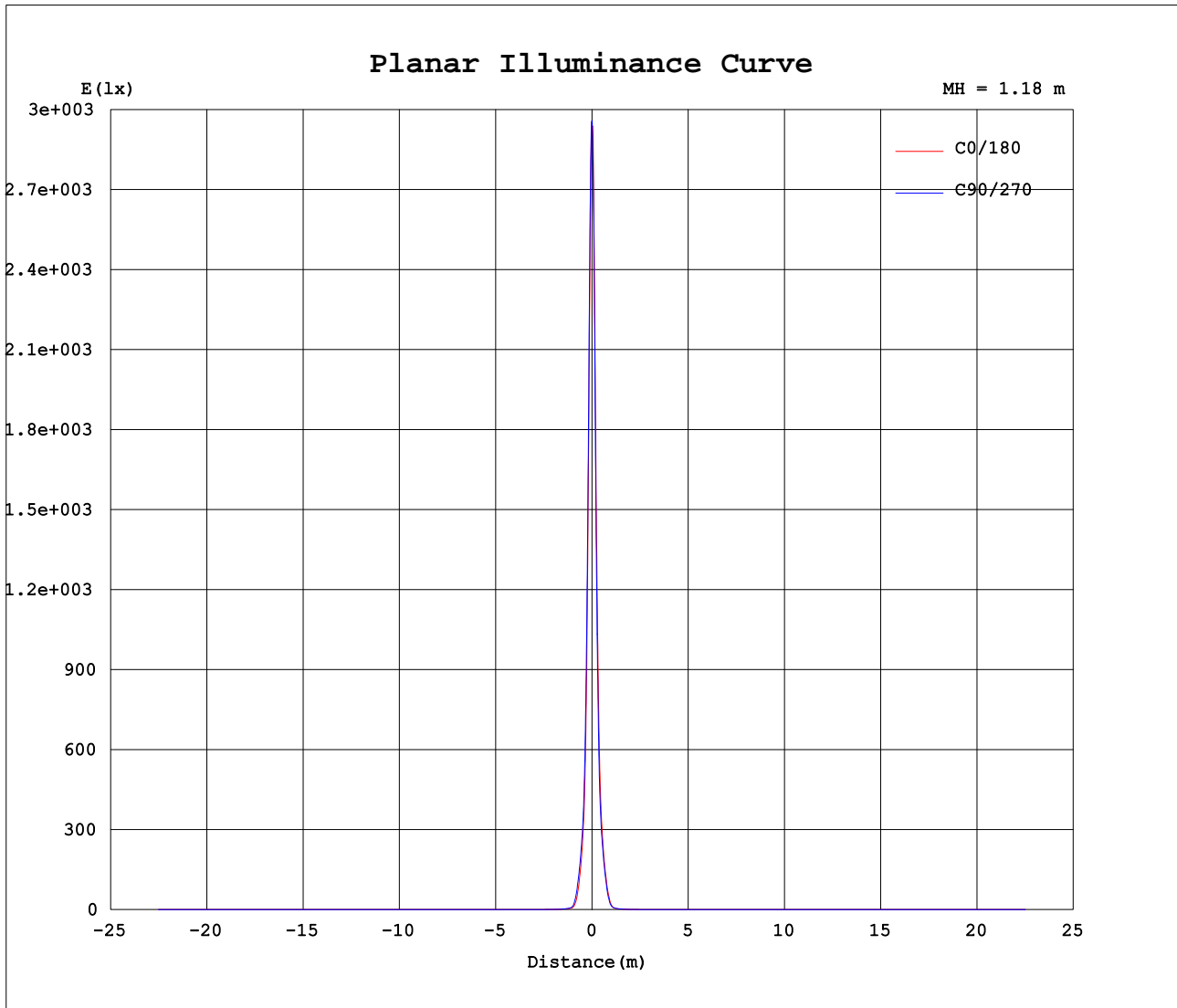
| AvgL | cd/m2 |
|----------------|-------|
| L_0~180(65)av | 71 |
| L_0~180(75)av | 58 |
| L_0~180(85)av | 35 |
| L_90~270(65)av | 73 |
| L_90~270(75)av | 58 |
| L_90~270(85)av | 29 |
| L_45(65)av | 77 |
| L_45(75)av | 59 |
| L_45(85)av | 36 |

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 15 April 2020

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.366
 Humidity: 65.0%
 Test Distance: 2.513m [K=1.0000]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:15 April 2020

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.366
 Humidity:65.0%
 Test Distance:2.513m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

| | | |
|-----------------------------|---------|--------------------|
| NAME: PAR30S-11-927-25D-DIM | TYPE: / | WEIGHT: / |
| SPEC.: / | DIM.: / | SERIAL No.: / |
| MFR.: RAB Lighting Inc | SUR.: / | Shielding Angle: / |

Table--1

UNIT: cd

| C(DEG) γ (DEG) | 0 | 22.5 | 45 | 67.5 | 90 | 112.5 | 135 | 157.5 | 180 | 202.5 | 225 | 247.5 | 270 | 292.5 | 315 | 337.5 | | | |
|--------------------|------|------|------|------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|--|--|--|
| 0 | 4113 | 4116 | 4119 | 4120 | 4121 | 4118 | 4111 | 4104 | 4113 | 4116 | 4119 | 4120 | 4121 | 4118 | 4111 | 4104 | | | |
| 5 | 3415 | 3399 | 3433 | 3507 | 3577 | 3632 | 3682 | 3735 | 3677 | 3743 | 3699 | 3624 | 3532 | 3447 | 3359 | 3285 | | | |
| 10 | 2048 | 2023 | 2058 | 2135 | 2226 | 2306 | 2383 | 2497 | 2432 | 2464 | 2401 | 2307 | 2201 | 2111 | 2015 | 1937 | | | |
| 15 | 1028 | 1020 | 1067 | 1135 | 1215 | 1297 | 1379 | 1463 | 1425 | 1437 | 1392 | 1312 | 1230 | 1117 | 1030 | 967 | | | |
| 20 | 560 | 554 | 576 | 617 | 654 | 716 | 777 | 810 | 787 | 794 | 767 | 721 | 666 | 621 | 581 | 548 | | | |
| 25 | 349 | 346 | 368 | 402 | 441 | 470 | 502 | 524 | 510 | 502 | 495 | 477 | 447 | 417 | 387 | 353 | | | |
| 30 | 200 | 203 | 213 | 245 | 281 | 314 | 334 | 346 | 327 | 320 | 316 | 310 | 291 | 262 | 232 | 202 | | | |
| 35 | 83.4 | 84.8 | 91.6 | 111 | 139 | 169 | 183 | 192 | 180 | 180 | 172 | 163 | 148 | 125 | 98.0 | 78.0 | | | |
| 40 | 28.4 | 28.8 | 31.4 | 36.8 | 43.1 | 56.1 | 66.2 | 73.1 | 64.8 | 65.6 | 64.6 | 57.6 | 51.2 | 41.3 | 31.6 | 25.3 | | | |
| 45 | 17.3 | 18.3 | 20.7 | 22.3 | 22.8 | 22.0 | 22.7 | 23.6 | 23.4 | 26.6 | 28.3 | 26.7 | 25.3 | 22.0 | 18.7 | 16.6 | | | |
| 50 | 14.5 | 14.8 | 16.2 | 16.5 | 17.2 | 16.4 | 17.3 | 16.5 | 16.6 | 18.7 | 18.6 | 18.0 | 17.5 | 16.6 | 15.3 | 14.2 | | | |
| 55 | 12.0 | 11.9 | 12.5 | 12.9 | 13.2 | 13.4 | 15.8 | 15.1 | 14.7 | 15.5 | 14.3 | 13.8 | 13.2 | 13.5 | 12.8 | 12.0 | | | |
| 60 | 10.3 | 10.2 | 10.7 | 10.8 | 10.8 | 10.8 | 11.8 | 11.3 | 11.0 | 11.4 | 10.8 | 10.7 | 10.5 | 10.8 | 11.2 | 10.5 | | | |
| 65 | 9.15 | 9.26 | 9.60 | 9.59 | 9.43 | 9.34 | 10.0 | 9.72 | 9.04 | 9.26 | 9.08 | 9.27 | 9.13 | 9.62 | 10.5 | 9.36 | | | |
| 70 | 6.97 | 6.76 | 6.88 | 7.24 | 7.56 | 7.91 | 8.54 | 8.34 | 7.48 | 7.65 | 7.64 | 7.74 | 7.52 | 7.54 | 8.05 | 7.10 | | | |
| 75 | 4.14 | 3.97 | 3.94 | 4.09 | 4.37 | 4.74 | 5.28 | 5.42 | 4.92 | 5.02 | 4.86 | 4.70 | 4.64 | 4.72 | 4.41 | 4.14 | | | |
| 80 | 2.36 | 2.24 | 2.20 | 2.30 | 2.47 | 2.59 | 2.88 | 3.05 | 2.71 | 2.72 | 2.62 | 2.59 | 2.58 | 2.58 | 2.52 | 2.40 | | | |
| 85 | 0.71 | 0.66 | 0.66 | 0.55 | 0.57 | 0.92 | 1.15 | 1.28 | 1.14 | 1.14 | 1.09 | 1.02 | 0.96 | 0.96 | 0.87 | 0.78 | | | |
| 90 | 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 | 0.00 | | | |
| 95 | 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 | 0.00 | | | |
| 100 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | |
| 105 | 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 | 0.00 | | | |
| 110 | 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 | 0.00 | | | |
| 115 | 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 | 0.00 | | | |
| 120 | 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 | 0.00 | | | |
| 125 | 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 | 0.00 | | | |
| 130 | 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 | 0.00 | | | |
| 135 | 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 | 0.00 | | | |
| 140 | 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 | 0.00 | | | |
| 145 | 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 | 0.00 | | | |
| 150 | 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 | 0.00 | | | |
| 155 | 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 | 0.01 | | | |
| 160 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | | | |
| 165 | 0.01 | 0.01 | 0.01 | 0.00 | 0.01 | 0.00 | 0.00 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | | | |
| 170 | 0.01 | 0.01 | 0.01 | 0.00 | 0.01 | 0.01 | 0.01 | 0.00 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | | | |
| 175 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.01 | | | |
| 180 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.01 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | | | |

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 15 April 2020

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.366
 Humidity: 65.0%
 Test Distance: 2.513m [K=1.0000]
 Remarks: