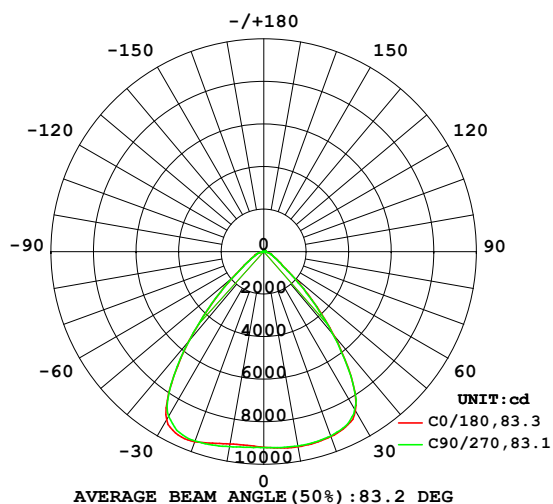


## LUMINAIRE PHOTOMETRIC TEST REPORT

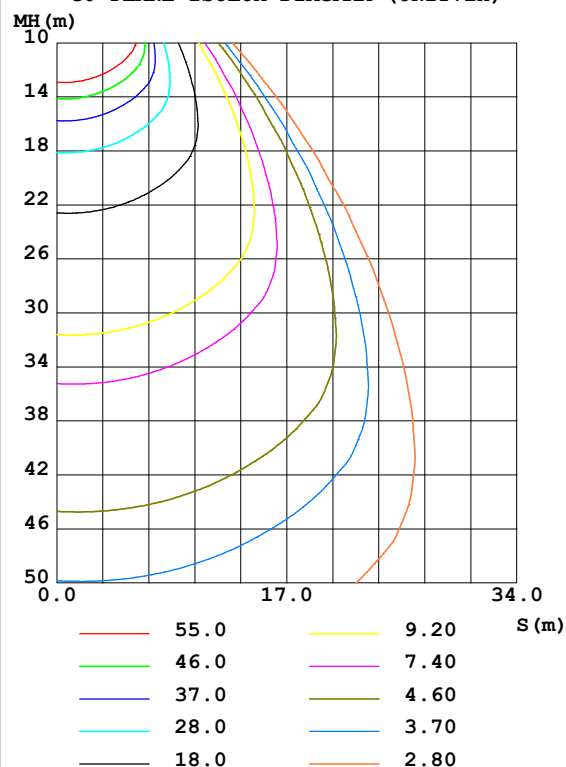
|   |           |                  |
|---|-----------|------------------|
| Test:U:120.5V I:1.011A P:121.5W PF:0.9978 Freq:59.96Hz Lamp Flux:17017.7x1 lm |           |                  |
| NAME: H17-RPC-120W-3K   | TYPE:     | WEIGHT:          |
| SPEC.:  | DIM.:     | SERIAL No.:      |
| MFR.: RAB LIGHTING INC  | SUR.:0.23 | Shielding Angle: |

| DATA OF LAMP     |         | PHOTOMETRIC DATA Eff: 140.03 lm/W |        |                   |          |
|------------------|---------|-----------------------------------|--------|-------------------|----------|
| MODEL            |         | I <sub>max</sub> (cd)             | 9561   | S/MH(C0/180)      | 1.21     |
| NOMINAL POWER(W) | 120     | LOR(%)                            | 100.0  | S/MH(C90/270)     | 1.21     |
| RATED VOLTAGE(V) | 100     | TOTAL FLUX(lm)                    | 17018  | □ UP,DN(C0-180)   | 1.0,48.2 |
| NOMINAL FLUX(lm) | 17017.7 | CIE CLASS                         | DIRECT | □ UP,DN(C180-360) | 0.9,49.9 |
| LAMPS INSIDE     | 1       | □ up(%)                           | 1.9    | CIBSE SHR NOM     | 1.25     |
| TEST VOLTAGE(V)  | 120     | □ down(%)                         | 98.1   | CIBSE SHR MAX     | 1.25     |

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.1DEG  
Operators:Marvin Ma  
Test Date:2022-09-01

□ Range: 0 - 180DEG  
□ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.364  
Humidity:56%  
Test Distance:6.500m [K=1.0000]  
Remarks:

## ZONAL FLUX DIAGRAM

## ZONAL FLUX DIAGRAM:

| °   | C0                    | C45   | C90   | C135  | C180  | C225  | C270  | C315  | °       | □ zone  | □ total | %lum, lamp |
|-----|-----------------------|-------|-------|-------|-------|-------|-------|-------|---------|---------|---------|------------|
| 10  | 9313                  | 9288  | 9273  | 9236  | 9182  | 9194  | 9307  | 9361  | 0- 10   | 881.9   | 881.9   | 5.18,5.18  |
| 20  | 9247                  | 9217  | 9219  | 9372  | 9510  | 9518  | 9461  | 9360  | 10- 20  | 2644    | 3526    | 20.7,20.7  |
| 30  | 8623                  | 8444  | 8551  | 8942  | 9136  | 9176  | 8951  | 8702  | 20- 30  | 4258    | 7784    | 45.7,45.7  |
| 40  | 5112                  | 4933  | 5024  | 5555  | 5451  | 5714  | 5451  | 5004  | 30- 40  | 4529    | 12313   | 72.4,72.4  |
| 50  | 1741                  | 1607  | 1759  | 1970  | 1961  | 1996  | 1909  | 1680  | 40- 50  | 2601    | 14914   | 87.6,87.6  |
| 60  | 685.7                 | 611.3 | 642.6 | 747.1 | 742.1 | 755.7 | 696.5 | 677.6 | 50- 60  | 982.3   | 15896   | 93.4,93.4  |
| 70  | 346.8                 | 330.7 | 384.2 | 420.4 | 419.9 | 412.8 | 368.6 | 368.2 | 60- 70  | 489.8   | 16386   | 96.3,96.3  |
| 80  | 106.3                 | 93.55 | 101.8 | 105.1 | 102.8 | 114.6 | 103.3 | 96.43 | 70- 80  | 233.2   | 16619   | 97.7,97.7  |
| 90  | 44.31                 | 44.61 | 46.72 | 45.11 | 42.62 | 44.70 | 43.35 | 38.70 | 80- 90  | 76.47   | 16696   | 98.1,98.1  |
| 100 | 31.45                 | 32.99 | 33.92 | 32.30 | 31.34 | 30.28 | 29.28 | 29.42 | 90-100  | 37.89   | 16734   | 98.3,98.3  |
| 110 | 39.00                 | 41.39 | 40.29 | 39.74 | 40.55 | 38.37 | 36.12 | 36.74 | 100-110 | 36.79   | 16770   | 98.5,98.5  |
| 120 | 51.11                 | 50.01 | 48.15 | 45.94 | 44.34 | 49.05 | 50.10 | 52.67 | 110-120 | 44.69   | 16815   | 98.8,98.8  |
| 130 | 57.49                 | 56.89 | 56.74 | 56.33 | 58.51 | 57.88 | 57.89 | 59.19 | 120-130 | 46.24   | 16861   | 99.1,99.1  |
| 140 | 66.67                 | 65.06 | 65.89 | 64.69 | 67.49 | 65.66 | 66.84 | 63.85 | 130-140 | 48.19   | 16910   | 99.4,99.4  |
| 150 | 69.31                 | 71.56 | 70.51 | 70.19 | 70.09 | 70.71 | 70.19 | 70.29 | 140-150 | 42.85   | 16952   | 99.6,99.6  |
| 160 | 76.92                 | 77.08 | 79.11 | 76.42 | 78.25 | 77.12 | 77.91 | 77.60 | 150-160 | 33.91   | 16986   | 99.8,99.8  |
| 170 | 85.47                 | 84.05 | 87.17 | 85.20 | 86.54 | 84.19 | 86.19 | 84.76 | 160-170 | 23.08   | 17009   | 100,100    |
| 180 | 91.43                 | 88.32 | 91.38 | 89.18 | 91.39 | 88.31 | 91.33 | 88.98 | 170-180 | 8.318   | 17018   | 100,100    |
| DEG | LUMINOUS INTENSITY:cd |       |       |       |       |       |       |       |         | UNIT:lm |         |            |

Conical surface Flux(90deg): 13889 lm

%lum = 81.6%

%lamp = 81.6%

Conical surface Flux(120deg): 15896 lm

%lum = 93.4%

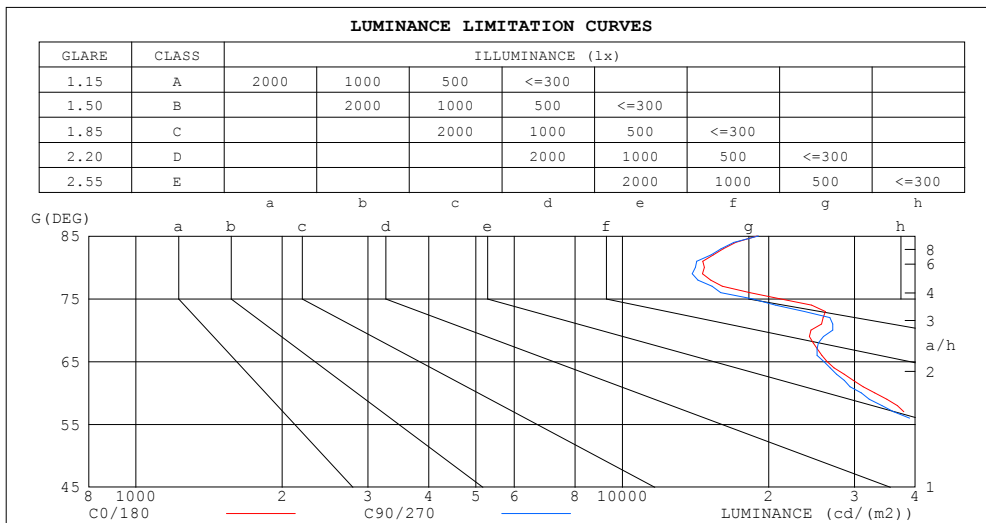
%lamp = 93.4%

C Range: 0 - 360DEG  
 C Interval: 45.0DEG  
 Test Speed: HIGH  
 Temperature:25.1DEG  
 Operators:Marvin Ma  
 Test Date:2022-09-01

□ Range: 0 - 180DEG  
 □ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.364  
 Humidity:56%  
 Test Distance:6.500m [K=1.0000]  
 Remarks:

## LUMINANCE LIMITATION CURVES

|   |           |                  |
|---|-----------|------------------|
| Test:U:120.5V I:1.011A P:121.5W PF:0.9978 Freq:59.96Hz Lamp Flux:17017.7x1 lm |           |                  |
| NAME: H17-RPC-120W-3K   | TYPE:     | WEIGHT:          |
| SPEC.:  | DIM.:     | SERIAL No.:      |
| MFR.: RAB LIGHTING INC  | SUR.:0.23 | Shielding Angle: |



| LUMINANCE cd/(m2) |        |         |
|-------------------|--------|---------|
| G (DEG)           | C0/180 | C90/270 |
| 85                | 18930  | 19039   |
| 80                | 14745  | 14132   |
| 75                | 21059  | 18460   |
| 70                | 24432  | 27068   |
| 65                | 26352  | 25940   |
| 60                | 33047  | 30968   |
| 55                | 41715  | 40349   |
| 50                | 65283  | 65945   |
| 45                | 108848 | 106787  |

C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.1DEG  
Operators:Marvin Ma  
Test Date:2022-09-01

☐ Range: 0 - 180DEG  
☐ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.364  
Humidity:56%  
Test Distance:6.500m [K=1.0000]  
Remarks:

## WEC AND CCEC

|   |           |                  |
|---|-----------|------------------|
| Test:U:120.5V I:1.011A P:121.5W PF:0.9978 Freq:59.96Hz Lamp Flux:17017.7x1 lm |           |                  |
| NAME: H17-RPC-120W-3K   | TYPE:     | WEIGHT:          |
| SPEC.:  | DIM.:     | SERIAL No.:      |
| MFR.: RAB LIGHTING INC  | SUR.:0.23 | Shielding Angle: |

|                             |  |                |                |                |                |   |
|-----------------------------|--|----------------|----------------|----------------|----------------|---|
| <input type="checkbox"/> cc | 80%  | 70%            | 50%            | 30%            | 10%            | 0 |
| <input type="checkbox"/> w  | 50% 30% 10%  | 50% 30% 10%    | 50% 30% 10%    | 50% 30% 10%    | 50% 30% 10%    | 0 |
| <input type="checkbox"/> fc | 20%  | 20%            | 20%            | 20%            | 20%            | 0 |
| RCR                         | RCR:Room Cavity Ratio Wall Exitance Coefficients (WEC) |                |                |                |                |   |
| 0.0                         |  |                |                |                |                |   |
| 1.0                         | .223 .127 .040   | .215 .123 .039 | .201 .116 .037 | .189 .109 .035 | .177 .103 .033 |   |
| 2.0                         | .215 .118 .036   | .208 .115 .035 | .196 .109 .034 | .185 .104 .032 | .175 .099 .031 |   |
| 3.0                         | .204 .109 .033   | .198 .106 .032 | .188 .102 .031 | .178 .098 .030 | .169 .094 .029 |   |
| 4.0                         | .193 .100 .030   | .188 .099 .029 | .179 .095 .028 | .171 .092 .028 | .163 .088 .027 |   |
| 5.0                         | .183 .093 .027   | .179 .092 .027 | .171 .089 .026 | .163 .086 .026 | .156 .083 .025 |   |
| 6.0                         | .174 .087 .025   | .170 .086 .025 | .162 .083 .024 | .156 .081 .024 | .149 .079 .023 |   |
| 7.0                         | .165 .081 .023   | .161 .080 .023 | .155 .078 .023 | .148 .076 .022 | .143 .074 .022 |   |
| 8.0                         | .156 .076 .021   | .153 .075 .021 | .147 .074 .021 | .142 .072 .021 | .137 .070 .020 |   |
| 9.0                         | .149 .072 .020   | .146 .071 .020 | .141 .070 .020 | .136 .068 .019 | .131 .066 .019 |   |
| 10.0                        | .142 .068 .019   | .139 .067 .019 | .134 .066 .019 | .130 .064 .018 | .125 .063 .018 |   |

|                             |   |                |                |                |                |   |
|-----------------------------|---|----------------|----------------|----------------|----------------|---|
| <input type="checkbox"/> cc | 80%   | 70%            | 50%            | 30%            | 10%            | 0 |
| <input type="checkbox"/> w  | 50% 30% 10%   | 50% 30% 10%    | 50% 30% 10%    | 50% 30% 10%    | 50% 30% 10%    | 0 |
| <input type="checkbox"/> fc | 20%   | 20%            | 20%            | 20%            | 20%            | 0 |
| RCR                         | RCR:Room Cavity Ratio Ceiling Cavity Exitance Coefficients (CCEC) |                |                |                |                |   |
| 0.0                         | .205 .205 .205  | .175 .175 .175 | .120 .120 .120 | .069 .069 .069 | .022 .022 .022 |   |
| 1.0                         | .189 .171 .156  | .162 .147 .134 | .111 .101 .093 | .064 .059 .054 | .020 .019 .017 |   |
| 2.0                         | .177 .147 .122  | .151 .126 .105 | .104 .087 .074 | .060 .051 .043 | .019 .016 .014 |   |
| 3.0                         | .166 .129 .098  | .143 .111 .085 | .098 .077 .060 | .057 .045 .035 | .018 .015 .012 |   |
| 4.0                         | .158 .115 .081  | .135 .099 .071 | .093 .069 .050 | .054 .040 .029 | .017 .013 .010 |   |
| 5.0                         | .150 .104 .069  | .129 .090 .060 | .089 .063 .042 | .052 .037 .025 | .017 .012 .008 |   |
| 6.0                         | .144 .095 .060  | .123 .082 .052 | .085 .057 .037 | .049 .034 .022 | .016 .011 .007 |   |
| 7.0                         | .137 .088 .053  | .118 .076 .046 | .082 .053 .033 | .047 .031 .019 | .015 .010 .006 |   |
| 8.0                         | .132 .082 .047  | .113 .071 .041 | .079 .050 .029 | .046 .029 .017 | .015 .010 .006 |   |
| 9.0                         | .127 .077 .043  | .109 .067 .038 | .076 .047 .027 | .044 .028 .016 | .014 .009 .005 |   |
| 10.0                        | .122 .073 .040  | .105 .063 .035 | .073 .044 .025 | .043 .026 .015 | .014 .009 .005 |   |

C Range: 0 - 360DEG  
 C Interval: 45.0DEG  
 Test Speed: HIGH  
 Temperature:25.1DEG  
 Operators:Marvin Ma  
 Test Date:2022-09-01

☐ Range: 0 - 180DEG  
☐ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.364  
 Humidity:56%  
 Test Distance:6.500m [K=1.0000]  
 Remarks:

## UGR(Unified Glare Rating) Table

|   |                  |      |      |      |           |                |      |                  |      |      |
|---|------------------|------|------|------|-----------|----------------|------|------------------|------|------|
| Test:U:120.5V I:1.011A P:121.5W PF:0.9978 Freq:59.96Hz Lamp Flux:17017.7x1 lm |                  |      |      |      |           |                |      |                  |      |      |
| NAME: H17-RPC-120W-3K   |                  |      |      |      | TYPE:     |                |      | WEIGHT:          |      |      |
| SPEC.:  |                  |      |      |      | DIM.:     |                |      | SERIAL No.:      |      |      |
| MFR.: RAB LIGHTING INC  |                  |      |      |      | SUR.:0.23 |                |      | 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   | 25.3             | 26.5 | 25.6 | 26.7 | 26.9      | 25.2           | 26.4 | 25.5             | 26.6 | 26.9 |
| 3H  | 25.5             | 26.6 | 25.8 | 26.8 | 27.1      | 25.4           | 26.5 | 25.7             | 26.8 | 27.0 |
| 4H  | 25.6             | 26.6 | 25.9 | 26.9 | 27.1      | 25.5           | 26.5 | 25.8             | 26.8 | 27.0 |
| 6H  | 25.6             | 26.5 | 25.9 | 26.8 | 27.1      | 25.5           | 26.4 | 25.8             | 26.7 | 27.0 |
| 8H  | 25.5             | 26.5 | 25.9 | 26.8 | 27.1      | 25.4           | 26.4 | 25.8             | 26.7 | 27.0 |
| 12H   | 25.5             | 26.4 | 25.9 | 26.7 | 27.0      | 25.4           | 26.3 | 25.8             | 26.6 | 27.0 |
| 4H 2H   | 25.2             | 26.2 | 25.5 | 26.5 | 26.8      | 25.1           | 26.2 | 25.5             | 26.4 | 26.7 |
| 3H  | 25.5             | 26.4 | 25.9 | 26.7 | 27.0      | 25.5           | 26.3 | 25.8             | 26.6 | 27.0 |
| 4H  | 25.7             | 26.4 | 26.0 | 26.8 | 27.1      | 25.6           | 26.4 | 26.0             | 26.7 | 27.1 |
| 6H  | 25.7             | 26.4 | 26.1 | 26.7 | 27.1      | 25.6           | 26.3 | 26.0             | 26.7 | 27.0 |
| 8H  | 25.7             | 26.3 | 26.1 | 26.7 | 27.1      | 25.6           | 26.2 | 26.0             | 26.6 | 27.0 |
| 12H   | 25.7             | 26.3 | 26.2 | 26.7 | 27.1      | 25.6           | 26.2 | 26.1             | 26.6 | 27.1 |
| 8H 4H   | 25.6             | 26.3 | 26.0 | 26.6 | 27.1      | 25.5           | 26.2 | 26.0             | 26.6 | 27.0 |
| 6H  | 25.7             | 26.2 | 26.1 | 26.6 | 27.1      | 25.6           | 26.1 | 26.0             | 26.5 | 27.0 |
| 8H  | 25.7             | 26.2 | 26.2 | 26.6 | 27.1      | 25.6           | 26.1 | 26.1             | 26.5 | 27.0 |
| 12H   | 25.8             | 26.2 | 26.3 | 26.7 | 27.2      | 25.7           | 26.1 | 26.2             | 26.6 | 27.1 |
| 12H 4H  | 25.6             | 26.2 | 26.0 | 26.6 | 27.0      | 25.5           | 26.1 | 25.9             | 26.5 | 26.9 |
| 6H  | 25.6             | 26.1 | 26.1 | 26.6 | 27.0      | 25.6           | 26.0 | 26.0             | 26.5 | 27.0 |
| 8H  | 25.7             | 26.1 | 26.2 | 26.6 | 27.1      | 25.6           | 26.0 | 26.1             | 26.5 | 27.0 |
| Variations with the observer position at spacings:                            |                  |      |      |      |           |                |      |                  |      |      |
| S = 1.0H  | + 1.6 / - 2.8    |      |      |      |           | + 1.6 / - 2.8  |      |                  |      |      |
| 1.5H  | + 2.5 / - 2.5    |      |      |      |           | + 2.5 / - 2.4  |      |                  |      |      |
| 2.0H  | + 3.6 / - 2.3    |      |      |      |           | + 3.7 / - 2.3  |      |                  |      |      |

CIE Pub.117, 17018 lm Total Lamp Luminous Flux Corrected ( $8\log(F/F_0) = 9.8$ )

C Range: 0 - 360DEG  
 C Interval: 45.0DEG  
 Test Speed: HIGH  
 Temperature:25.1DEG  
 Operators:Marvin Ma  
 Test Date:2022-09-01

☐ Range: 0 - 180DEG  
☐ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.364  
 Humidity:56%  
 Test Distance:6.500m [K=1.0000]  
 Remarks:

## UTILIZATION FACTORS TABLE

|   |           |                  |
|---|-----------|------------------|
| Test:U:120.5V I:1.011A P:121.5W PF:0.9978 Freq:59.96Hz Lamp Flux:17017.7x1 lm |           |                  |
| NAME: H17-RPC-120W-3K   | TYPE:     | WEIGHT:          |
| SPEC.:  | DIM.:     | SERIAL No.:      |
| MFR.: RAB LIGHTING INC  | SUR.:0.23 | Shielding Angle: |

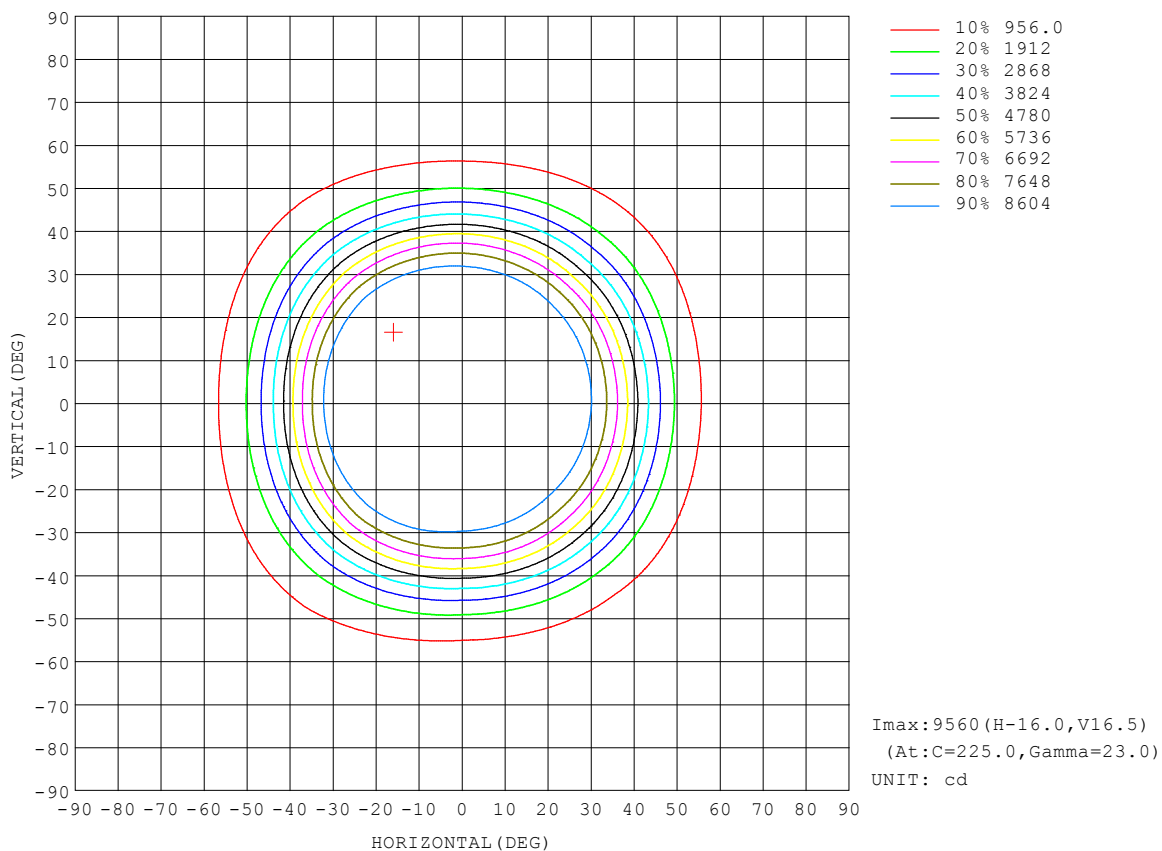
| REFLECTANCE                      |  |     |           |     |     |     |     |               |     |        |
|----------------------------------|--|-----|-----------|-----|-----|-----|-----|---------------|-----|--------|
| Ceiling                          | 0.8  | 0.8 | 0.8       | 0.7 | 0.7 | 0.7 | 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) $k(RI) \times RCR = 5$ |     |           |     |     |     |     |               |     |        |
| $k = 0.60$                       | 74   | 66  | 60        | 73  | 65  | 60  | 72  | 65            | 60  | 55     |
| 0.80                             | 83   | 75  | 70        | 82  | 75  | 70  | 81  | 74            | 69  | 64     |
| 1.00                             | 90   | 82  | 77        | 89  | 82  | 77  | 87  | 82            | 76  | 71     |
| 1.25                             | 95   | 88  | 83        | 94  | 87  | 83  | 92  | 86            | 82  | 76     |
| 1.50                             | 99   | 92  | 88        | 98  | 92  | 87  | 95  | 90            | 86  | 80     |
| 2.00                             | 103  | 98  | 93        | 102 | 97  | 93  | 98  | 94            | 91  | 84     |
| 2.50                             | 106  | 101 | 97        | 104 | 99  | 96  | 100 | 97            | 93  | 86     |
| 3.00                             | 108  | 103 | 100       | 106 | 102 | 98  | 102 | 99            | 96  | 88     |
| 4.00                             | 111  | 107 | 104       | 108 | 105 | 102 | 104 | 101           | 99  | 91     |
| 5.00                             | 112  | 109 | 106       | 110 | 107 | 105 | 105 | 103           | 101 | 92     |
| ROOM INDEX                       | UF (total)   |     |           |     |     |     |     |               |     | Direct |
| According to DIN EN 13032-2 2004 |  |     | Suspended |     |     |     |     | SHRNOM = 1.25 |     |        |

C Range: 0 - 360DEG  
 C Interval: 45.0DEG  
 Test Speed: HIGH  
 Temperature: 25.1DEG  
 Operators: Marvin Ma  
 Test Date: 2022-09-01

☐ Range: 0 - 180DEG  
☐ Interval: 1.0DEG  
 Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.0.364  
 Humidity: 56%  
 Test Distance: 6.500m [K=1.0000]  
 Remarks:

## ISOCANDELA DIAGRAM

|   |           |                  |
|---|-----------|------------------|
| Test:U:120.5V I:1.011A P:121.5W PF:0.9978 Freq:59.96Hz Lamp Flux:17017.7x1 lm |           |                  |
| NAME: H17-RPC-120W-3K   | TYPE:     | WEIGHT:          |
| SPEC.:  | DIM.:     | SERIAL No.:      |
| MFR.: RAB LIGHTING INC  | SUR.:0.23 | Shielding Angle: |

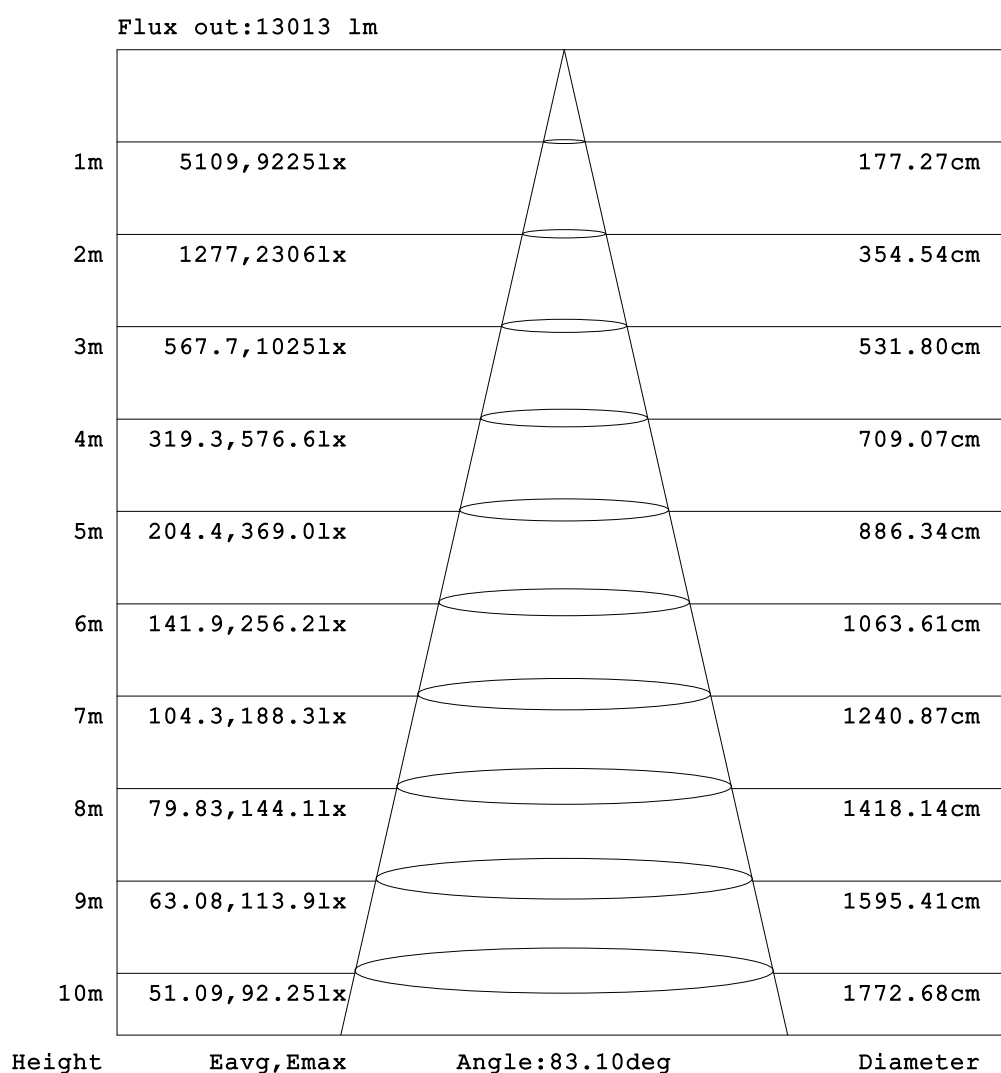


C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.1DEG  
Operators:Marvin Ma  
Test Date:2022-09-01

☐ Range: 0 - 180DEG  
☐ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.364  
Humidity:56%  
Test Distance:6.500m [K=1.0000]  
Remarks:

## AAI Figure

|   |           |                  |
|---|-----------|------------------|
| Test:U:120.5V I:1.011A P:121.5W PF:0.9978 Freq:59.96Hz Lamp Flux:17017.7x1 lm |           |                  |
| NAME: H17-RPC-120W-3K   | TYPE:     | WEIGHT:          |
| SPEC.:  | DIM.:     | SERIAL No.:      |
| MFR.: RAB LIGHTING INC  | SUR.:0.23 | Shielding Angle: |



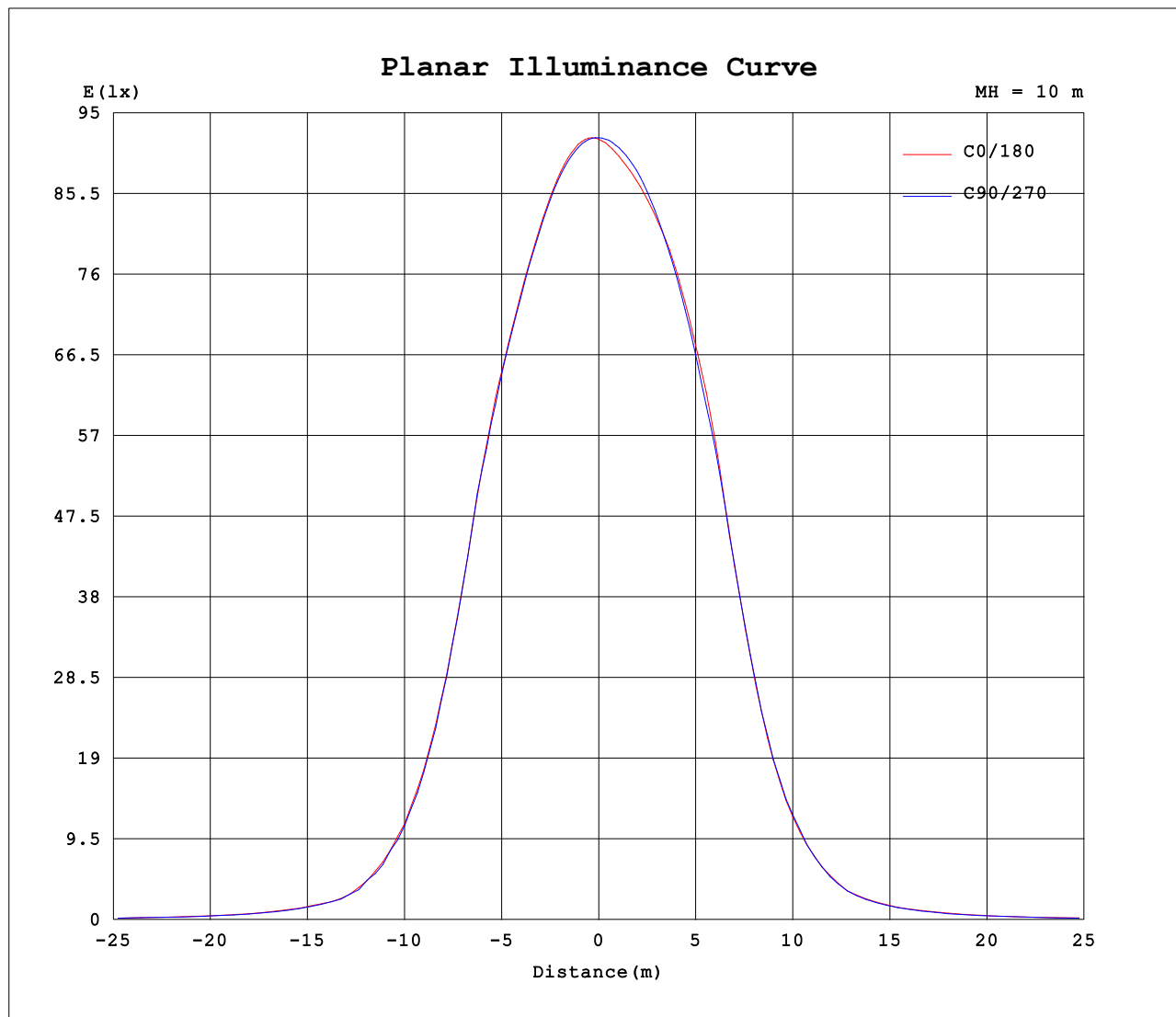
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
 C Interval: 45.0DEG  
 Test Speed: HIGH  
 Temperature: 25.1DEG  
 Operators: Marvin Ma  
 Test Date: 2022-09-01

☐ Range: 0 - 180DEG  
☐ Interval: 1.0DEG  
 Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.0.364  
 Humidity: 56%  
 Test Distance: 6.500m [K=1.0000]  
 Remarks:



## Planar Illuminance Curve



C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature: 25.1DEG  
Operators: Marvin Ma  
Test Date: 2022-09-01

☐ Range: 0 - 180DEG  
☐ Interval: 1.0DEG  
Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.0.364  
Humidity: 56%  
Test Distance: 6.500m [K=1.0000]  
Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

|   |           |                  |
|---|-----------|------------------|
| Test:U:120.5V I:1.011A P:121.5W PF:0.9978 Freq:59.96Hz Lamp Flux:17017.7x1 lm |           |                  |
| NAME: H17-RPC-120W-3K   | TYPE:     | WEIGHT:          |
| SPEC.:  | DIM.:     | SERIAL No.:      |
| MFR.: RAB LIGHTING INC  | SUR.:0.23 | Shielding Angle: |

Table--1

UNIT: cd

| C (DEG)<br>□ (DEG) | 0    | 45   | 90   | 135  | 180  | 225  | 270  | 315  |  |  |  |  |  |  |  |  |  |  |
|--------------------|------|------|------|------|------|------|------|------|--|--|--|--|--|--|--|--|--|--|
| 0                  | 9191 | 9199 | 9208 | 9217 | 9191 | 9199 | 9208 | 9217 |  |  |  |  |  |  |  |  |  |  |
| 5                  | 9267 | 9267 | 9239 | 9194 | 9139 | 9158 | 9224 | 9294 |  |  |  |  |  |  |  |  |  |  |
| 10                 | 9313 | 9288 | 9273 | 9236 | 9182 | 9194 | 9307 | 9361 |  |  |  |  |  |  |  |  |  |  |
| 15                 | 9308 | 9257 | 9278 | 9320 | 9323 | 9347 | 9404 | 9376 |  |  |  |  |  |  |  |  |  |  |
| 20                 | 9247 | 9217 | 9219 | 9372 | 9510 | 9518 | 9461 | 9360 |  |  |  |  |  |  |  |  |  |  |
| 25                 | 9100 | 9039 | 9060 | 9300 | 9517 | 9520 | 9391 | 9291 |  |  |  |  |  |  |  |  |  |  |
| 30                 | 8623 | 8444 | 8551 | 8942 | 9136 | 9176 | 8951 | 8702 |  |  |  |  |  |  |  |  |  |  |
| 35                 | 7169 | 6946 | 7139 | 7695 | 7577 | 7870 | 7622 | 7200 |  |  |  |  |  |  |  |  |  |  |
| 40                 | 5112 | 4933 | 5024 | 5555 | 5451 | 5714 | 5451 | 5004 |  |  |  |  |  |  |  |  |  |  |
| 45                 | 3194 | 3086 | 3134 | 3507 | 3441 | 3608 | 3494 | 3104 |  |  |  |  |  |  |  |  |  |  |
| 50                 | 1741 | 1607 | 1759 | 1970 | 1961 | 1996 | 1909 | 1680 |  |  |  |  |  |  |  |  |  |  |
| 55                 | 993  | 927  | 960  | 1098 | 1120 | 1148 | 1070 | 1016 |  |  |  |  |  |  |  |  |  |  |
| 60                 | 686  | 611  | 643  | 747  | 742  | 756  | 696  | 678  |  |  |  |  |  |  |  |  |  |  |
| 65                 | 462  | 415  | 455  | 515  | 492  | 526  | 460  | 465  |  |  |  |  |  |  |  |  |  |  |
| 70                 | 347  | 331  | 384  | 420  | 420  | 413  | 369  | 368  |  |  |  |  |  |  |  |  |  |  |
| 75                 | 226  | 191  | 198  | 205  | 180  | 202  | 196  | 191  |  |  |  |  |  |  |  |  |  |  |
| 80                 | 106  | 93.6 | 102  | 105  | 103  | 115  | 103  | 96.4 |  |  |  |  |  |  |  |  |  |  |
| 85                 | 68.5 | 65.6 | 68.9 | 71.5 | 66.9 | 74.7 | 70.4 | 64.5 |  |  |  |  |  |  |  |  |  |  |
| 90                 | 44.3 | 44.6 | 46.7 | 45.1 | 42.6 | 44.7 | 43.3 | 38.7 |  |  |  |  |  |  |  |  |  |  |
| 95                 | 33.7 | 34.9 | 35.1 | 34.0 | 32.2 | 33.5 | 32.3 | 29.8 |  |  |  |  |  |  |  |  |  |  |
| 100                | 31.5 | 33.0 | 33.9 | 32.3 | 31.3 | 30.3 | 29.3 | 29.4 |  |  |  |  |  |  |  |  |  |  |
| 105                | 34.8 | 36.9 | 37.7 | 35.7 | 35.4 | 32.7 | 31.8 | 31.9 |  |  |  |  |  |  |  |  |  |  |
| 110                | 39.0 | 41.4 | 40.3 | 39.7 | 40.6 | 38.4 | 36.1 | 36.7 |  |  |  |  |  |  |  |  |  |  |
| 115                | 45.5 | 47.1 | 47.9 | 45.3 | 45.5 | 46.7 | 43.0 | 43.4 |  |  |  |  |  |  |  |  |  |  |
| 120                | 51.1 | 50.0 | 48.1 | 45.9 | 44.3 | 49.1 | 50.1 | 52.7 |  |  |  |  |  |  |  |  |  |  |
| 125                | 50.4 | 50.0 | 48.7 | 48.2 | 49.1 | 49.7 | 51.4 | 57.7 |  |  |  |  |  |  |  |  |  |  |
| 130                | 57.5 | 56.9 | 56.7 | 56.3 | 58.5 | 57.9 | 57.9 | 59.2 |  |  |  |  |  |  |  |  |  |  |
| 135                | 62.7 | 61.6 | 62.6 | 62.1 | 64.7 | 62.7 | 63.3 | 61.9 |  |  |  |  |  |  |  |  |  |  |
| 140                | 66.7 | 65.1 | 65.9 | 64.7 | 67.5 | 65.7 | 66.8 | 63.8 |  |  |  |  |  |  |  |  |  |  |
| 145                | 69.2 | 69.1 | 69.1 | 67.9 | 69.3 | 68.0 | 69.7 | 67.3 |  |  |  |  |  |  |  |  |  |  |
| 150                | 69.3 | 71.6 | 70.5 | 70.2 | 70.1 | 70.7 | 70.2 | 70.3 |  |  |  |  |  |  |  |  |  |  |
| 155                | 72.4 | 73.0 | 74.3 | 72.1 | 73.6 | 73.0 | 73.2 | 72.9 |  |  |  |  |  |  |  |  |  |  |
| 160                | 76.9 | 77.1 | 79.1 | 76.4 | 78.2 | 77.1 | 77.9 | 77.6 |  |  |  |  |  |  |  |  |  |  |
| 165                | 81.6 | 81.0 | 83.6 | 81.0 | 83.1 | 81.1 | 82.7 | 81.9 |  |  |  |  |  |  |  |  |  |  |
| 170                | 85.5 | 84.0 | 87.2 | 85.2 | 86.5 | 84.2 | 86.2 | 84.8 |  |  |  |  |  |  |  |  |  |  |
| 175                | 88.5 | 87.2 | 89.7 | 88.1 | 88.9 | 85.7 | 88.2 | 86.7 |  |  |  |  |  |  |  |  |  |  |
| 180                | 91.4 | 88.3 | 91.4 | 89.2 | 91.4 | 88.3 | 91.3 | 89.0 |  |  |  |  |  |  |  |  |  |  |

C Range: 0 - 360DEG  
 C Interval: 45.0DEG  
 Test Speed: HIGH  
 Temperature:25.1DEG  
 Operators:Marvin Ma  
 Test Date:2022-09-01

□ Range: 0 - 180DEG  
 □ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.364  
 Humidity:56%  
 Test Distance:6.500m [K=1.0000]  
 Remarks: