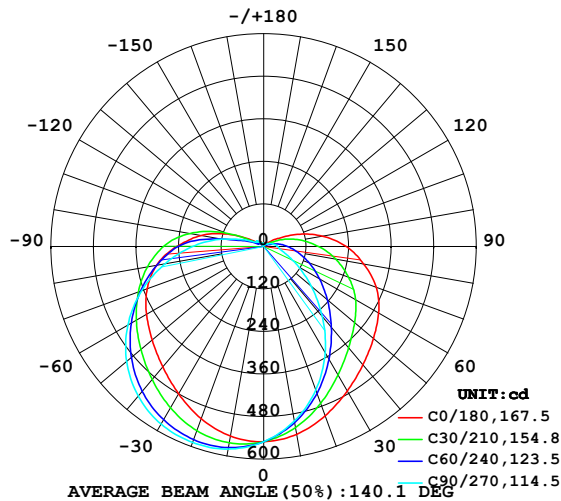


LUMINAIRE PHOTOMETRIC TEST REPORT

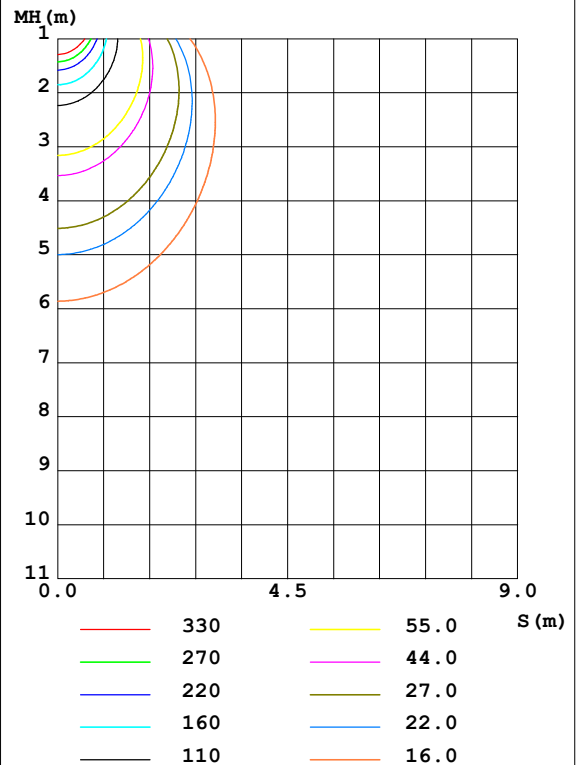
| | | |
|--|-------------|------------------|
| Test:U:120.10V I:0.2088A P:24.846W PF:0.9907 Freq:59.98Hz UTHDi:0% ITHDi:0% Lamp Flux:2474.87x1 lm | | |
| NAME: 94021 | TYPE: 26W | WEIGHT: |
| SPEC.: 4000K | DIM.: | SERIAL No.: 1 |
| MFR.: P.Q.L., Inc. | SUR.: 0.019 | Shielding Angle: |

| DATA OF LAMP | | PHOTOMETRIC DATA Eff: 99.61 lm/W | | | |
|-------------------|-------------------|----------------------------------|---------|---------------------|-----------|
| MODEL | LTS-26W-PS-3CCT-B | I _{max} (cd) | 588.1 | S/MH (C0/180) | 1.31 |
| NOMINAL POWER (W) | 26 | LOR (%) | 100.0 | S/MH (C90/270) | 1.56 |
| RATED VOLTAGE (V) | 120 | TOTAL FLUX (lm) | 2474.9 | η UP, DN (C0-180) | 4.7, 33.5 |
| NOMINAL FLUX (lm) | 2474.87 | CIE CLASS | SEMI-D. | η UP, DN (C180-360) | 9.1, 52.7 |
| LAMPS INSIDE | 1 | η up (%) | 13.8 | CIBSE SHR NOM | 1.50 |
| TEST VOLTAGE (V) | 120 | η down (%) | 86.2 | CIBSE SHR MAX | 1.50 |

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2020-05-12

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.426
Humidity: 65.0%
Test Distance: 8.690m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

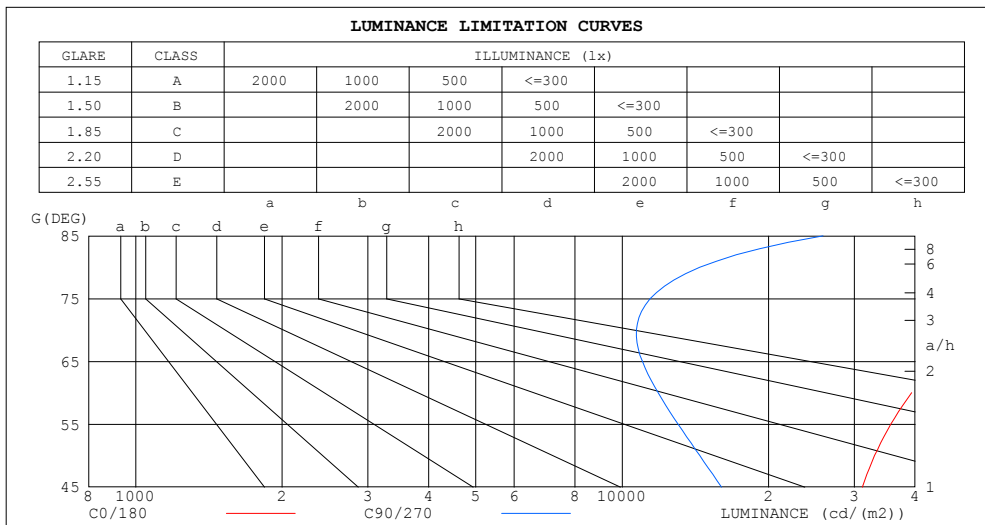
| γ | C0 | C45 | C90 | C135 | C180 | C225 | C270 | C315 | γ | Φ zone | Φ total | %lum, lamp |
|----------|-----------------------|-------|-------|-------|-------|-------|-------|-------|----------|-------------|--------------|------------|
| 10 | 537.9 | 511.5 | 500.1 | 514.6 | 543.1 | 569.1 | 580.1 | 566.0 | 0- 10 | 52.07 | 52.07 | 2.1,2.1 |
| 20 | 508.1 | 455.8 | 430.7 | 460.7 | 517.0 | 566.3 | 588.0 | 560.5 | 10- 20 | 148.9 | 201.0 | 8.12,8.12 |
| 30 | 471.3 | 393.6 | 347.1 | 397.6 | 480.1 | 545.2 | 579.0 | 537.9 | 20- 30 | 226.4 | 427.4 | 17.3,17.3 |
| 40 | 435.8 | 335.3 | 257.4 | 337.3 | 443.4 | 511.4 | 551.1 | 504.0 | 30- 40 | 279.3 | 706.7 | 28.6,28.6 |
| 50 | 404.4 | 284.9 | 176.1 | 285.3 | 411.0 | 469.7 | 504.9 | 462.1 | 40- 50 | 308.0 | 1015 | 41,41 |
| 60 | 374.7 | 240.7 | 112.5 | 241.3 | 381.8 | 423.1 | 442.4 | 414.4 | 50- 60 | 315.4 | 1330 | 53.7,53.7 |
| 70 | 338.5 | 196.0 | 69.48 | 200.8 | 350.0 | 373.0 | 366.6 | 362.9 | 60- 70 | 303.4 | 1634 | 66,66 |
| 80 | 286.5 | 152.2 | 47.61 | 156.4 | 307.1 | 319.9 | 282.5 | 307.3 | 70- 80 | 272.7 | 1906 | 77,77 |
| 90 | 233.0 | 111.2 | 39.95 | 112.9 | 245.6 | 262.2 | 201.1 | 246.8 | 80- 90 | 226.4 | 2133 | 86.2,86.2 |
| 100 | 169.1 | 74.19 | 32.17 | 66.75 | 180.1 | 168.6 | 120.6 | 182.1 | 90-100 | 168.2 | 2301 | 93,93 |
| 110 | 101.3 | 38.72 | 24.58 | 32.20 | 100.0 | 76.23 | 53.47 | 98.38 | 100-110 | 98.60 | 2399 | 96.9,96.9 |
| 120 | 45.54 | 15.47 | 15.85 | 7.399 | 29.44 | 19.57 | 24.04 | 39.07 | 110-120 | 39.69 | 2439 | 98.6,98.6 |
| 130 | 15.34 | 7.874 | 13.93 | 9.276 | 22.63 | 15.37 | 23.15 | 14.67 | 120-130 | 16.11 | 2455 | 99.2,99.2 |
| 140 | 15.82 | 6.658 | 8.712 | 6.845 | 13.23 | 10.23 | 8.719 | 12.34 | 130-140 | 8.421 | 2464 | 99.5,99.5 |
| 150 | 9.022 | 5.157 | 5.247 | 6.038 | 12.79 | 7.515 | 6.950 | 5.171 | 140-150 | 6.054 | 2470 | 99.8,99.8 |
| 160 | 8.661 | 5.949 | 5.372 | 6.725 | 7.387 | 6.240 | 5.285 | 6.331 | 150-160 | 2.793 | 2472 | 99.9,99.9 |
| 170 | 6.680 | 6.648 | 5.683 | 6.194 | 5.037 | 5.060 | 10.36 | 7.442 | 160-170 | 1.771 | 2474 | 100,100 |
| 180 | 9.255 | 8.724 | 6.226 | 7.823 | 9.180 | 8.734 | 6.176 | 7.812 | 170-180 | 0.6697 | 2475 | 100,100 |
| DEG | LUMINOUS INTENSITY:cd | | | | | | | | | UNIT:lm | | |

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2020-05-12

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.426
Humidity:65.0%
Test Distance:8.690m [K=1.0000]
Remarks:

LUMINANCE LIMITATION CURVES

| | | | | | |
|---|--|-------------|------------------------|------------------|--|
| Test:U:120.10V I:0.2088A P:24.846W PF:0.9907 Freq:59.98Hz UTHDi:0% ITHDi:0% | | | Lamp Flux:2474.87x1 lm | | |
| NAME: 94021 | | TYPE: 26W | | WEIGHT: | |
| SPEC.: 4000K | | DIM.: | | SERIAL No.: 1 | |
| MFR.: P.Q.L., Inc. | | SUR.: 0.019 | | Shielding Angle: | |



| LUMINANCE cd/(m2) | | |
|-------------------|--------|---------|
| G (DEG) | C0/180 | C90/270 |
| 85 | 157188 | 25878 |
| 80 | 86661 | 14442 |
| 75 | 63663 | 11425 |
| 70 | 51995 | 10701 |
| 65 | 44521 | 11003 |
| 60 | 39366 | 11856 |
| 55 | 35678 | 13034 |
| 50 | 33045 | 14433 |
| 45 | 31170 | 16005 |

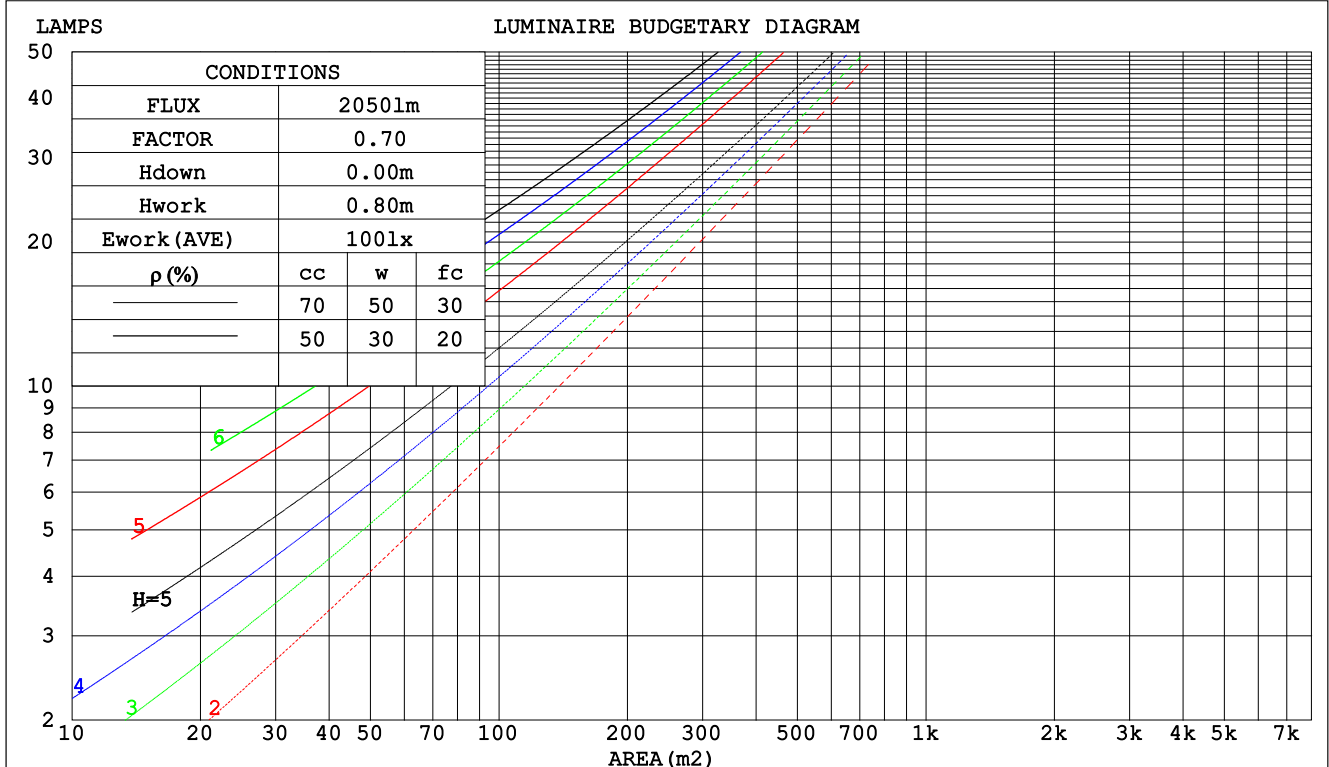
C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2020-05-12

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.426
 Humidity:65.0%
 Test Distance:8.690m [K=1.0000]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

| | | |
|--|-------------|------------------|
| Test:U:120.10V I:0.2088A P:24.846W PF:0.9907 Freq:59.98Hz UTHDi:0% ITHDi:0% Lamp Flux:2474.87x1 lm | | |
| NAME: 94021 | TYPE: 26W | WEIGHT: |
| SPEC.: 4000K | DIM.: | SERIAL No.: 1 |
| MFR.: P.Q.L., Inc. | SUR.: 0.019 | 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 | 1.16 | 1.16 | 1.16 | 1.11 | 1.11 | 1.11 | 1.03 | 1.03 | 1.03 | .96 | .96 | .96 | .89 | .89 | .89 | .86 |
| 1.0 | .95 | .90 | .84 | .92 | .86 | .82 | .85 | .80 | .77 | .78 | .75 | .72 | .72 | .70 | .67 | .64 |
| 2.0 | .81 | .73 | .66 | .78 | .70 | .64 | .72 | .66 | .60 | .66 | .61 | .57 | .61 | .57 | .54 | .50 |
| 3.0 | .70 | .61 | .53 | .67 | .59 | .52 | .62 | .55 | .49 | .58 | .52 | .46 | .53 | .48 | .44 | .41 |
| 4.0 | .61 | .52 | .44 | .59 | .50 | .43 | .55 | .47 | .41 | .51 | .44 | .39 | .47 | .41 | .37 | .34 |
| 5.0 | .54 | .45 | .37 | .52 | .43 | .37 | .49 | .41 | .35 | .45 | .38 | .33 | .42 | .36 | .32 | .29 |
| 6.0 | .49 | .39 | .32 | .47 | .38 | .32 | .44 | .36 | .30 | .41 | .34 | .29 | .38 | .32 | .27 | .25 |
| 7.0 | .44 | .35 | .28 | .42 | .34 | .28 | .40 | .32 | .26 | .37 | .30 | .25 | .34 | .29 | .24 | .22 |
| 8.0 | .40 | .31 | .25 | .39 | .30 | .24 | .36 | .29 | .23 | .34 | .27 | .22 | .32 | .26 | .22 | .19 |
| 9.0 | .37 | .28 | .22 | .35 | .27 | .22 | .33 | .26 | .21 | .31 | .25 | .20 | .29 | .23 | .19 | .17 |
| 10.0 | .34 | .25 | .20 | .33 | .25 | .20 | .31 | .24 | .19 | .29 | .23 | .18 | .27 | .22 | .17 | .16 |



C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2020-05-12

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.426
 Humidity:65.0%
 Test Distance:8.690m [K=1.0000]
 Remarks:

WEC AND CCEC

| | | |
|--|-------------|------------------|
| Test:U:120.10V I:0.2088A P:24.846W PF:0.9907 Freq:59.98Hz UTHDi:0% ITHDi:0% Lamp Flux:2474.87x1 lm | | |
| NAME: 94021 | TYPE: 26W | WEIGHT: |
| SPEC.: 4000K | DIM.: | SERIAL No.: 1 |
| MFR.: P.Q.L., Inc. | SUR.: 0.019 | 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 | .411 | .234 | .074 | .399 | .228 | .072 | .378 | .217 | .069 | .358 | .206 | .066 | .340 | .197 | .063 | | |
| 2.0 | .350 | .192 | .059 | .340 | .187 | .058 | .320 | .178 | .055 | .302 | .170 | .053 | .286 | .161 | .051 | | |
| 3.0 | .308 | .164 | .049 | .299 | .160 | .048 | .281 | .152 | .046 | .265 | .145 | .045 | .250 | .138 | .043 | | |
| 4.0 | .275 | .143 | .042 | .267 | .140 | .041 | .251 | .133 | .040 | .236 | .127 | .038 | .223 | .121 | .037 | | |
| 5.0 | .249 | .127 | .037 | .242 | .124 | .036 | .227 | .118 | .035 | .214 | .113 | .034 | .201 | .108 | .032 | | |
| 6.0 | .228 | .114 | .033 | .221 | .111 | .032 | .208 | .106 | .031 | .195 | .102 | .030 | .184 | .097 | .029 | | |
| 7.0 | .209 | .103 | .029 | .203 | .101 | .029 | .191 | .097 | .028 | .180 | .092 | .027 | .170 | .088 | .026 | | |
| 8.0 | .194 | .095 | .027 | .188 | .093 | .026 | .177 | .088 | .025 | .167 | .085 | .024 | .157 | .081 | .024 | | |
| 9.0 | .180 | .087 | .024 | .175 | .085 | .024 | .165 | .082 | .023 | .156 | .078 | .022 | .147 | .075 | .022 | | |
| 10.0 | .168 | .081 | .022 | .164 | .079 | .022 | .154 | .076 | .021 | .146 | .072 | .021 | .138 | .069 | .020 | | |

| 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 | .296 | .296 | .296 | .253 | .253 | .253 | .173 | .173 | .173 | .099 | .099 | .099 | .032 | .032 | .032 | |
| 1.0 | .294 | .261 | .233 | .251 | .224 | .200 | .172 | .154 | .138 | .099 | .089 | .081 | .032 | .029 | .026 | |
| 2.0 | .287 | .239 | .198 | .246 | .205 | .171 | .168 | .142 | .119 | .097 | .083 | .070 | .031 | .027 | .023 | |
| 3.0 | .279 | .222 | .176 | .239 | .192 | .153 | .164 | .133 | .107 | .095 | .078 | .063 | .031 | .025 | .021 | |
| 4.0 | .271 | .210 | .162 | .233 | .181 | .141 | .160 | .126 | .099 | .093 | .074 | .059 | .030 | .024 | .019 | |
| 5.0 | .263 | .200 | .153 | .226 | .173 | .133 | .156 | .121 | .094 | .090 | .071 | .056 | .029 | .023 | .018 | |
| 6.0 | .256 | .192 | .146 | .220 | .166 | .127 | .152 | .116 | .090 | .088 | .068 | .053 | .028 | .022 | .018 | |
| 7.0 | .248 | .185 | .141 | .214 | .160 | .123 | .148 | .112 | .087 | .086 | .066 | .052 | .028 | .022 | .017 | |
| 8.0 | .241 | .179 | .137 | .208 | .156 | .119 | .144 | .109 | .085 | .084 | .064 | .050 | .027 | .021 | .017 | |
| 9.0 | .235 | .175 | .134 | .202 | .152 | .117 | .140 | .107 | .083 | .082 | .063 | .049 | .026 | .021 | .016 | |
| 10.0 | .229 | .170 | .131 | .197 | .148 | .115 | .137 | .104 | .081 | .080 | .062 | .049 | .026 | .020 | .016 | |

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2020-05-12

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.426
Humidity:65.0%
Test Distance:8.690m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

| | | | | | | | | | | | |
|--|---------------|------------------|------|------|-------------|---------------|----------------|------------------|------|------|------|
| Test:U:120.10V I:0.2088A P:24.846W PF:0.9907 Freq:59.98Hz UTHDi:0% ITHDi:0% Lamp Flux:2474.87x1 lm | | | | | | | | | | | |
| NAME: 94021 | | | | | TYPE: 26W | | | WEIGHT: | | | |
| SPEC.: 4000K | | | | | DIM.: | | | SERIAL No.: 1 | | | |
| MFR.: P.Q.L., Inc. | | | | | SUR.: 0.019 | | | 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 | 24.0 | 25.5 | 24.4 | 25.9 | 26.4 | 19.5 | 21.0 | 20.0 | 21.4 | 21.9 | |
| | 3H | 26.9 | 28.2 | 27.4 | 28.7 | 29.3 | 20.8 | 22.1 | 21.3 | 22.6 | 23.2 |
| | 4H | 28.5 | 29.8 | 29.0 | 30.3 | 30.8 | 21.4 | 22.7 | 21.9 | 23.2 | 23.7 |
| | 6H | 30.2 | 31.4 | 30.7 | 31.9 | 32.5 | 22.0 | 23.3 | 22.6 | 23.8 | 24.4 |
| | 8H | 31.1 | 32.3 | 31.7 | 32.8 | 33.4 | 22.4 | 23.6 | 23.0 | 24.1 | 24.7 |
| | 12H | 32.2 | 33.4 | 32.8 | 33.9 | 34.5 | 22.9 | 24.0 | 23.4 | 24.6 | 25.2 |
| 4H | 2H | 24.3 | 25.6 | 24.8 | 26.1 | 26.7 | 21.2 | 22.5 | 21.7 | 23.0 | 23.5 |
| | 3H | 27.5 | 28.6 | 28.0 | 29.2 | 29.8 | 22.7 | 23.8 | 23.2 | 24.4 | 25.0 |
| | 4H | 29.3 | 30.3 | 29.8 | 30.9 | 31.5 | 23.4 | 24.5 | 24.0 | 25.1 | 25.7 |
| | 6H | 31.2 | 32.2 | 31.8 | 32.8 | 33.4 | 24.2 | 25.2 | 24.8 | 25.8 | 26.4 |
| | 8H | 32.3 | 33.2 | 32.9 | 33.8 | 34.5 | 24.6 | 25.5 | 25.3 | 26.1 | 26.8 |
| | 12H | 33.6 | 34.4 | 34.2 | 35.0 | 35.7 | 25.1 | 26.0 | 25.8 | 26.6 | 27.3 |
| 8H | 4H | 29.5 | 30.4 | 30.1 | 31.0 | 31.7 | 24.9 | 25.8 | 25.5 | 26.4 | 27.1 |
| | 6H | 31.7 | 32.5 | 32.4 | 33.1 | 33.8 | 26.0 | 26.7 | 26.6 | 27.4 | 28.1 |
| | 8H | 33.0 | 33.7 | 33.7 | 34.3 | 35.1 | 26.5 | 27.2 | 27.2 | 27.9 | 28.6 |
| | 12H | 34.5 | 35.1 | 35.2 | 35.8 | 36.6 | 27.2 | 27.8 | 27.8 | 28.4 | 29.2 |
| 12H | 4H | 29.5 | 30.3 | 30.1 | 30.9 | 31.6 | 25.4 | 26.3 | 26.1 | 26.9 | 27.6 |
| | 6H | 31.8 | 32.5 | 32.4 | 33.1 | 33.9 | 26.7 | 27.4 | 27.4 | 28.1 | 28.8 |
| | 8H | 33.2 | 33.8 | 33.8 | 34.4 | 35.2 | 27.4 | 28.0 | 28.1 | 28.7 | 29.5 |
| Variations with the observer position at spacings(CIE Pub.117): | | | | | | | | | | | |
| S = 1.0H | + 0.1 / - 0.1 | | | | | + 0.1 / - 0.2 | | | | | |
| 1.5H | + 0.2 / - 0.2 | | | | | + 0.2 / - 0.3 | | | | | |
| 2.0H | + 0.2 / - 0.3 | | | | | + 0.2 / - 0.4 | | | | | |

CIE Pub.117, 2475 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = 3.1$)
Area: 0.019 m²

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2020-05-12

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.426
Humidity:65.0%
Test Distance:8.690m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

| | | | | | |
|---|--|-------------|------------------------|------------------|--|
| Test:U:120.10V I:0.2088A P:24.846W PF:0.9907 Freq:59.98Hz UTHDi:0% ITHDi:0% | | | Lamp Flux:2474.87x1 lm | | |
| NAME: 94021 | | TYPE: 26W | | WEIGHT: | |
| SPEC.: 4000K | | DIM.: | | SERIAL No.: 1 | |
| MFR.: P.Q.L., Inc. | | SUR.: 0.019 | | Shielding Angle: | |

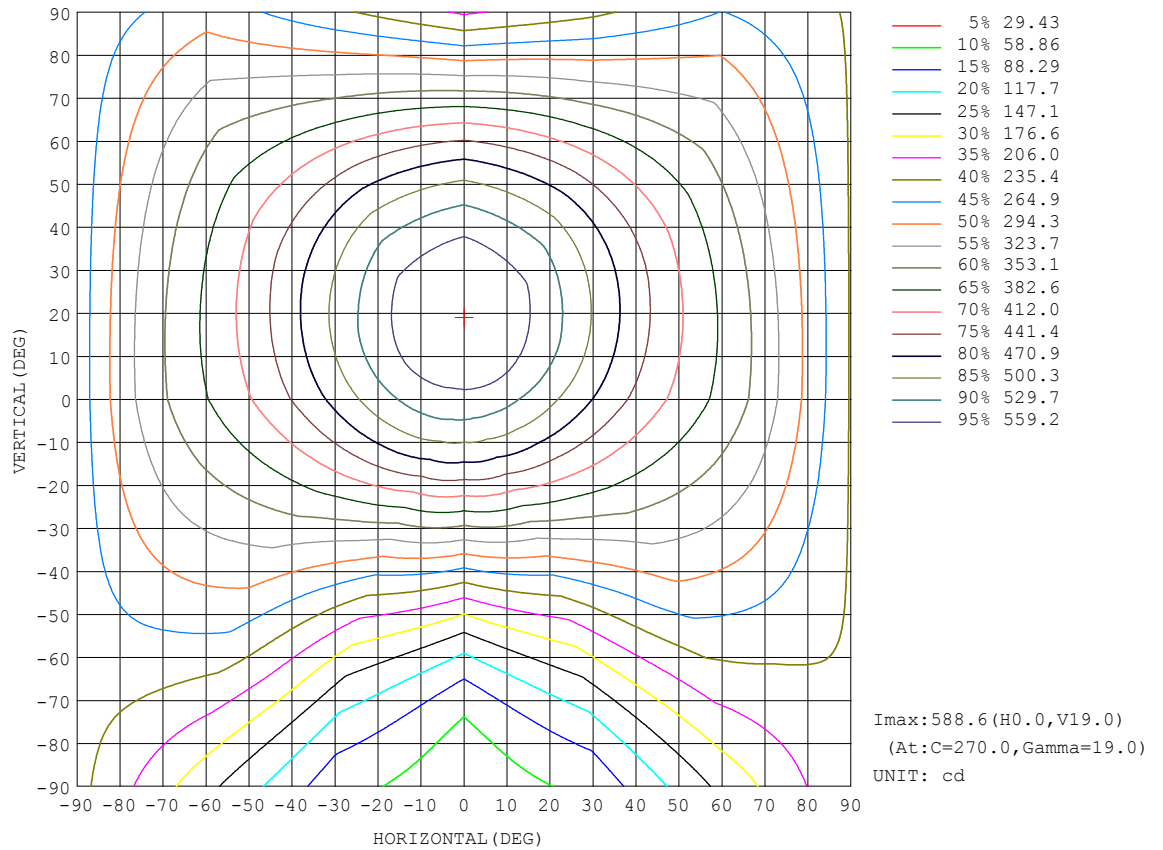
| REFLECTANCE | | | | | | | | | | |
|----------------------------------|--|-----|-----------|-----|-----|-----|-----|---------------|-----|--------|
| Ceiling | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 | 0 |
| Walls | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0 |
| Working plane | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0 |
| ROOM INDEX | UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$ | | | | | | | | | |
| $k = 0.60$ | 48 | 35 | 28 | 47 | 35 | 28 | 45 | 34 | 27 | 21 |
| 0.80 | 57 | 44 | 35 | 55 | 43 | 35 | 53 | 42 | 34 | 27 |
| 1.00 | 64 | 51 | 43 | 63 | 50 | 42 | 60 | 51 | 41 | 33 |
| 1.25 | 71 | 58 | 49 | 69 | 57 | 49 | 65 | 55 | 48 | 38 |
| 1.50 | 76 | 64 | 55 | 74 | 62 | 54 | 70 | 60 | 52 | 43 |
| 2.00 | 84 | 72 | 63 | 81 | 70 | 62 | 76 | 67 | 60 | 49 |
| 2.50 | 88 | 78 | 69 | 85 | 75 | 68 | 80 | 71 | 65 | 53 |
| 3.00 | 92 | 82 | 74 | 89 | 80 | 73 | 83 | 76 | 69 | 57 |
| 4.00 | 97 | 88 | 81 | 93 | 86 | 79 | 87 | 81 | 75 | 62 |
| 5.00 | 100 | 93 | 86 | 96 | 90 | 84 | 89 | 84 | 79 | 66 |
| ROOM INDEX | UF (total) | | | | | | | | | Direct |
| According to DIN EN 13032-2 2004 | | | Suspended | | | | | SHRNOM = 1.25 | | |

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2020-05-12

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.426
Humidity:65.0%
Test Distance:8.690m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

| | | |
|--|-------------|------------------|
| Test:U:120.10V I:0.2088A P:24.846W PF:0.9907 Freq:59.98Hz UTHDi:0% ITHDi:0% Lamp Flux:2474.87x1 lm | | |
| NAME: 94021 | TYPE: 26W | WEIGHT: |
| SPEC.: 4000K | DIM.: | SERIAL No.: 1 |
| MFR.: P.Q.L., Inc. | SUR.: 0.019 | Shielding Angle: |

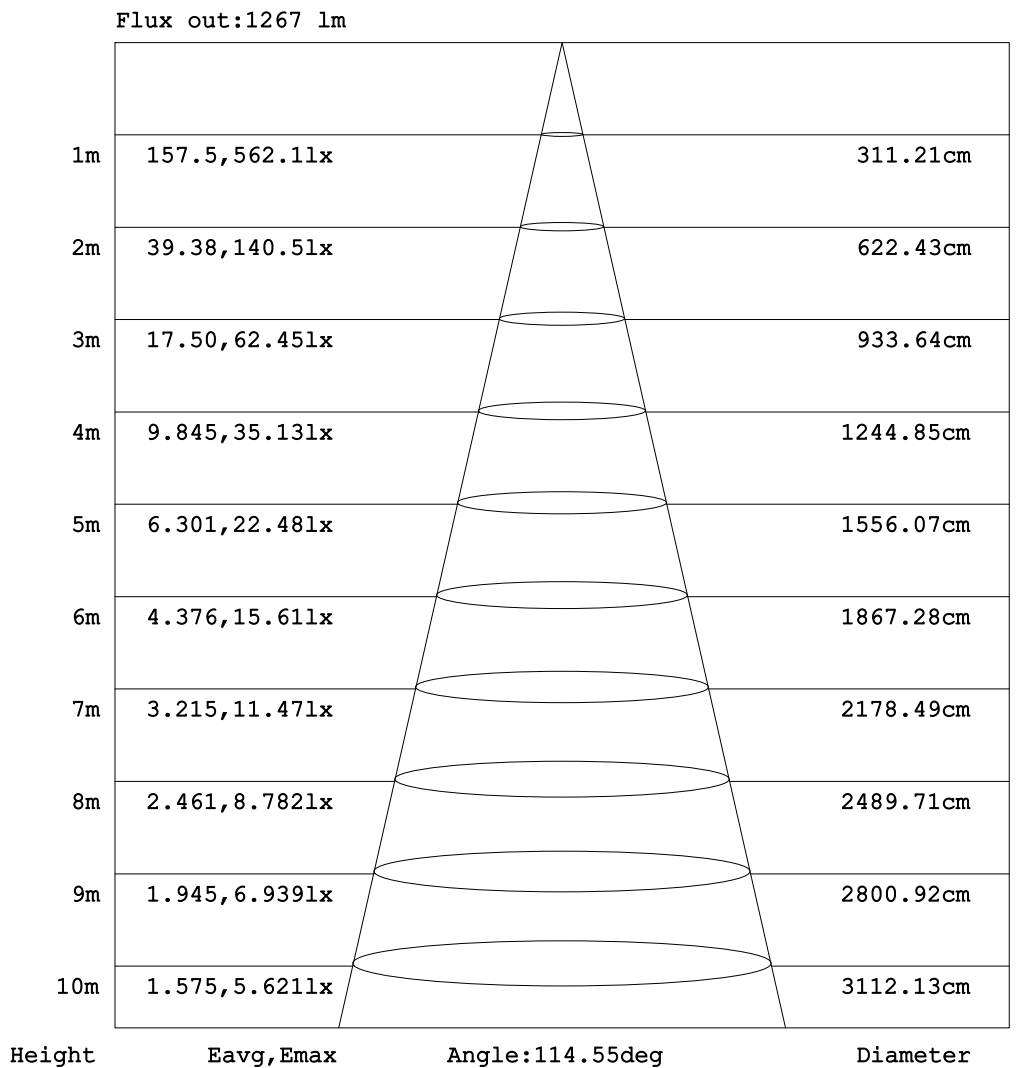


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2020-05-12

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.426
Humidity:65.0%
Test Distance:8.690m [K=1.0000]
Remarks:

AAI Figure

| | | |
|--|-------------|------------------|
| Test:U:120.10V I:0.2088A P:24.846W PF:0.9907 Freq:59.98Hz UTHDi:0% ITHDi:0% Lamp Flux:2474.87x1 lm | | |
| NAME: 94021 | TYPE: 26W | WEIGHT: |
| SPEC.: 4000K | DIM.: | SERIAL No.: 1 |
| MFR.: P.Q.L., Inc. | SUR.: 0.019 | Shielding Angle: |



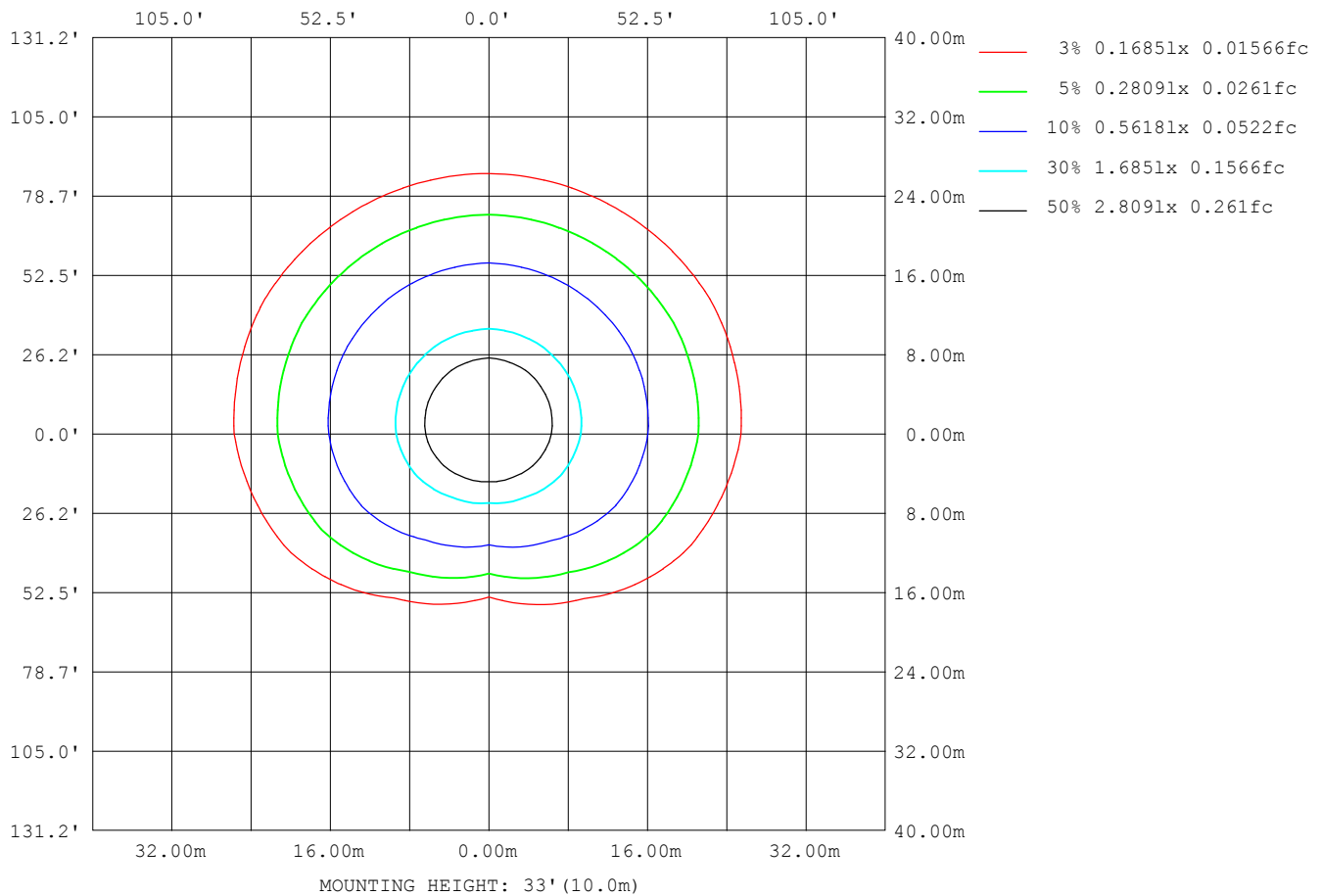
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2020-05-12

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.426
 Humidity: 65.0%
 Test Distance: 8.690m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

| | | |
|--|-------------|------------------|
| Test:U:120.10V I:0.2088A P:24.846W PF:0.9907 Freq:59.98Hz UTHDi:0% ITHDi:0% Lamp Flux:2474.87x1 lm | | |
| NAME: 94021 | TYPE: 26W | WEIGHT: |
| SPEC.: 4000K | DIM.: | SERIAL No.: 1 |
| MFR.: P.Q.L., Inc. | SUR.: 0.019 | Shielding Angle: |



C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2020-05-12

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.426
 Humidity: 65.0%
 Test Distance: 8.690m [K=1.0000]
 Remarks:

LED Avg.L Report

| | | |
|--|-------------|------------------|
| Test:U:120.10V I:0.2088A P:24.846W PF:0.9907 Freq:59.98Hz UTHDi:0% ITHDi:0% Lamp Flux:2474.87x1 lm | | |
| NAME: 94021 | TYPE: 26W | WEIGHT: |
| SPEC.: 4000K | DIM.: | SERIAL No.: 1 |
| MFR.: P.Q.L., Inc. | SUR.: 0.019 | Shielding Angle: |

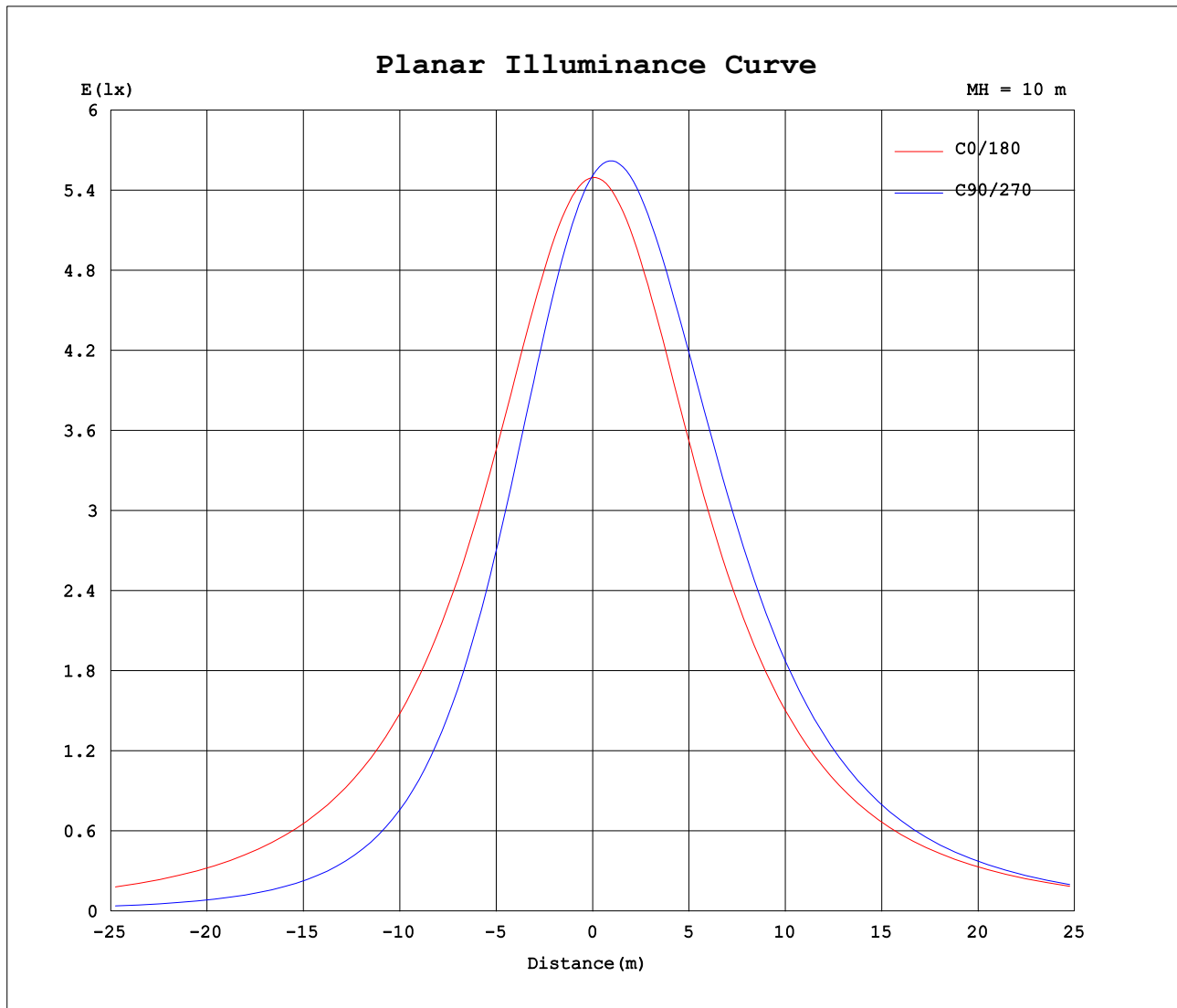
| AvgL | cd/m2 |
|------------------|--------|
| L_0~180 (65) av | 45157 |
| L_0~180 (75) av | 65491 |
| L_0~180 (85) av | 162821 |
| L_90~270 (65) av | 30765 |
| L_90~270 (75) av | 38745 |
| L_90~270 (85) av | 85553 |
| L_45 (65) av | 38231 |
| L_45 (75) av | 52729 |
| L_45 (85) av | 126192 |

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2020-05-12

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.426
Humidity:65.0%
Test Distance:8.690m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2020-05-12

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.426
 Humidity: 65.0%
 Test Distance: 8.690m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

| | | |
|--|-------------|------------------|
| Test:U:120.10V I:0.2088A P:24.846W PF:0.9907 Freq:59.98Hz UTHDi:0% ITHDi:0% Lamp Flux:2474.87x1 lm | | |
| NAME: 94021 | TYPE: 26W | WEIGHT: |
| SPEC.: 4000K | DIM.: | SERIAL No.: 1 |
| MFR.: P.Q.L., Inc. | SUR.: 0.019 | Shielding Angle: |

Table--1

UNIT: cd

| C (DEG) γ (DEG) | 0 | 30 | 60 | 90 | 120 | 150 | 180 | 210 | 240 | 270 | 300 | 330 | | | | | | | |
|--------------------|------|------|------|------|------|------|------|------|------|------|------|------|--|--|--|--|--|--|--|
| 0 | 551 | 551 | 551 | 551 | 551 | 551 | 551 | 551 | 551 | 551 | 551 | 551 | | | | | | | |
| 5 | 547 | 537 | 530 | 528 | 531 | 539 | 550 | 559 | 566 | 568 | 565 | 557 | | | | | | | |
| 10 | 538 | 519 | 504 | 500 | 507 | 523 | 543 | 562 | 576 | 580 | 574 | 558 | | | | | | | |
| 15 | 524 | 496 | 474 | 468 | 477 | 502 | 532 | 560 | 581 | 587 | 577 | 554 | | | | | | | |
| 20 | 508 | 471 | 441 | 431 | 444 | 477 | 517 | 553 | 580 | 588 | 576 | 545 | | | | | | | |
| 25 | 490 | 445 | 405 | 390 | 408 | 451 | 499 | 541 | 574 | 586 | 570 | 532 | | | | | | | |
| 30 | 471 | 419 | 368 | 347 | 371 | 424 | 480 | 526 | 565 | 579 | 560 | 516 | | | | | | | |
| 35 | 453 | 395 | 332 | 302 | 334 | 399 | 461 | 508 | 551 | 567 | 546 | 498 | | | | | | | |
| 40 | 436 | 373 | 297 | 257 | 298 | 377 | 443 | 489 | 533 | 551 | 528 | 480 | | | | | | | |
| 45 | 420 | 353 | 265 | 215 | 264 | 356 | 426 | 471 | 512 | 530 | 506 | 462 | | | | | | | |
| 50 | 404 | 335 | 235 | 176 | 233 | 337 | 411 | 452 | 487 | 505 | 481 | 443 | | | | | | | |
| 55 | 390 | 317 | 207 | 142 | 205 | 320 | 396 | 434 | 460 | 475 | 453 | 424 | | | | | | | |
| 60 | 375 | 300 | 182 | 113 | 180 | 303 | 382 | 415 | 431 | 442 | 424 | 404 | | | | | | | |
| 65 | 358 | 279 | 159 | 88.3 | 157 | 285 | 367 | 396 | 401 | 406 | 394 | 384 | | | | | | | |
| 70 | 339 | 255 | 137 | 69.5 | 137 | 265 | 350 | 376 | 370 | 367 | 362 | 364 | | | | | | | |
| 75 | 314 | 231 | 117 | 56.1 | 118 | 241 | 330 | 356 | 339 | 325 | 330 | 342 | | | | | | | |
| 80 | 286 | 206 | 98.1 | 47.6 | 99.8 | 213 | 307 | 333 | 307 | 282 | 296 | 319 | | | | | | | |
| 85 | 261 | 181 | 81.6 | 42.8 | 83.8 | 184 | 278 | 309 | 274 | 241 | 262 | 293 | | | | | | | |
| 90 | 233 | 155 | 67.5 | 39.9 | 70.0 | 156 | 246 | 283 | 242 | 201 | 229 | 265 | | | | | | | |
| 95 | 202 | 130 | 55.4 | 36.2 | 55.1 | 127 | 213 | 252 | 196 | 161 | 195 | 234 | | | | | | | |
| 100 | 169 | 106 | 41.9 | 32.2 | 37.1 | 96.4 | 180 | 212 | 125 | 121 | 160 | 204 | | | | | | | |
| 105 | 135 | 82.5 | 27.4 | 27.6 | 25.3 | 67.1 | 142 | 166 | 66.7 | 81.4 | 116 | 173 | | | | | | | |
| 110 | 101 | 59.7 | 17.7 | 24.6 | 19.7 | 44.6 | 100 | 110 | 42.0 | 53.5 | 58.4 | 138 | | | | | | | |
| 115 | 69.0 | 37.1 | 12.6 | 20.6 | 13.2 | 23.4 | 59.7 | 42.4 | 17.7 | 34.0 | 18.7 | 98.1 | | | | | | | |
| 120 | 45.5 | 21.7 | 9.27 | 15.8 | 6.21 | 8.59 | 29.4 | 18.3 | 20.8 | 24.0 | 25.5 | 52.6 | | | | | | | |
| 125 | 30.4 | 11.5 | 10.6 | 12.8 | 9.35 | 6.90 | 19.5 | 15.9 | 19.0 | 23.3 | 27.3 | 17.3 | | | | | | | |
| 130 | 15.3 | 5.41 | 10.3 | 13.9 | 11.8 | 6.72 | 22.6 | 12.5 | 18.2 | 23.2 | 18.1 | 11.2 | | | | | | | |
| 135 | 12.5 | 5.57 | 8.22 | 13.0 | 7.84 | 6.64 | 14.5 | 9.18 | 8.71 | 18.8 | 8.61 | 10.3 | | | | | | | |
| 140 | 15.8 | 6.19 | 7.13 | 8.71 | 6.68 | 7.01 | 13.2 | 9.73 | 10.7 | 8.72 | 10.6 | 14.1 | | | | | | | |
| 145 | 12.6 | 6.95 | 5.19 | 5.78 | 7.74 | 7.64 | 17.1 | 15.0 | 10.9 | 12.1 | 8.59 | 17.3 | | | | | | | |
| 150 | 9.02 | 5.28 | 5.04 | 5.25 | 5.62 | 6.46 | 12.8 | 8.96 | 6.07 | 6.95 | 4.75 | 5.60 | | | | | | | |
| 155 | 5.42 | 9.13 | 5.11 | 5.25 | 5.09 | 5.62 | 6.80 | 7.38 | 3.91 | 4.90 | 3.89 | 7.13 | | | | | | | |
| 160 | 8.66 | 5.18 | 6.71 | 5.37 | 5.22 | 8.22 | 7.39 | 6.87 | 5.61 | 5.28 | 7.49 | 5.17 | | | | | | | |
| 165 | 4.87 | 5.65 | 8.84 | 5.99 | 7.21 | 5.66 | 4.92 | 4.55 | 5.83 | 8.99 | 7.34 | 4.66 | | | | | | | |
| 170 | 6.68 | 7.17 | 6.13 | 5.68 | 5.84 | 6.55 | 5.04 | 4.80 | 5.32 | 10.4 | 9.02 | 5.86 | | | | | | | |
| 175 | 7.24 | 7.54 | 7.48 | 6.16 | 6.52 | 7.13 | 7.13 | 8.25 | 7.13 | 5.53 | 11.0 | 6.37 | | | | | | | |
| 180 | 9.26 | 9.18 | 8.27 | 6.23 | 6.28 | 9.37 | 9.18 | 9.15 | 8.32 | 6.18 | 6.22 | 9.40 | | | | | | | |

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2020-05-12

γ Range: 0 - 180DEG
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Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.426
Humidity:65.0%
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