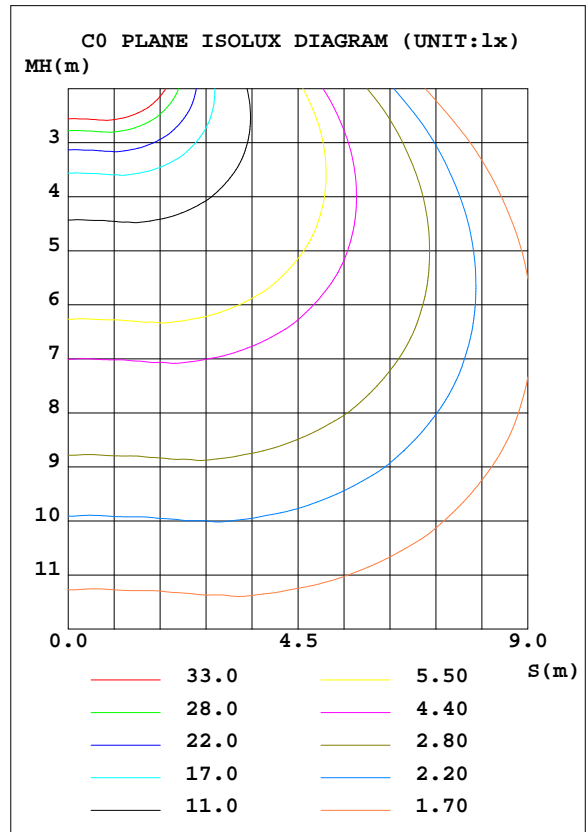
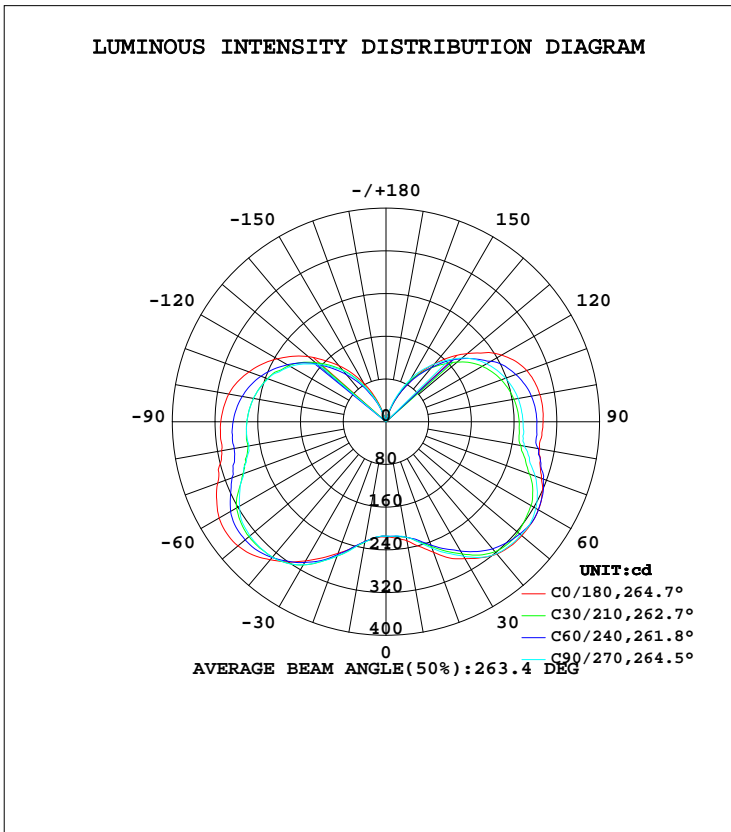


LUMINAIRE PHOTOMETRIC TEST REPORT

| | | |
|-------------------------------------------------------------------|----------------|-------------------|
| Test:U:227.4V I:0.1150A P:24.70W PF:0.9390 Lamp Flux:3162.53x1 lm | | |
| NAME: 175-538_539 | TYPE:LED | WEIGHT:10KG |
| DIM.: 445*392*57MM | SPEC.:26W | SERIAL No.: |
| MFR.: Tronix Lighting | SUR.:340*240MM | PROTECTION ANGLE: |

| DATA OF LAMP | | PHOTOMETRIC DATA Eff: 128.04 lm/W | | | |
|------------------|-------------|-----------------------------------|---------|--------------------|------------|
| MODEL | 175-538_539 | I _{max} (cd) | 372.4 | S/MH(C0/180) | 2.22 |
| NOMINAL POWER(W) | 24 | LOR(%) | 100.0 | S/MH(C90/270) | 2.13 |
| RATED VOLTAGE(V) | 228 | TOTAL FLUX(lm) | 3162.5 | η UP, DN(C0-180) | 19.4, 30.8 |
| NOMINAL FLUX(lm) | 3162.53 | CIE CLASS | SEMI-D. | η UP, DN(C180-360) | 19.6, 30.1 |
| LAMPS INSIDE | 1 | η up(%) | 39.0 | CIBSE SHR NOM | 2.00 |
| TEST VOLTAGE(V) | 227.4 | η down(%) | 61.0 | CIBSE SHR MAX | 0.00 |



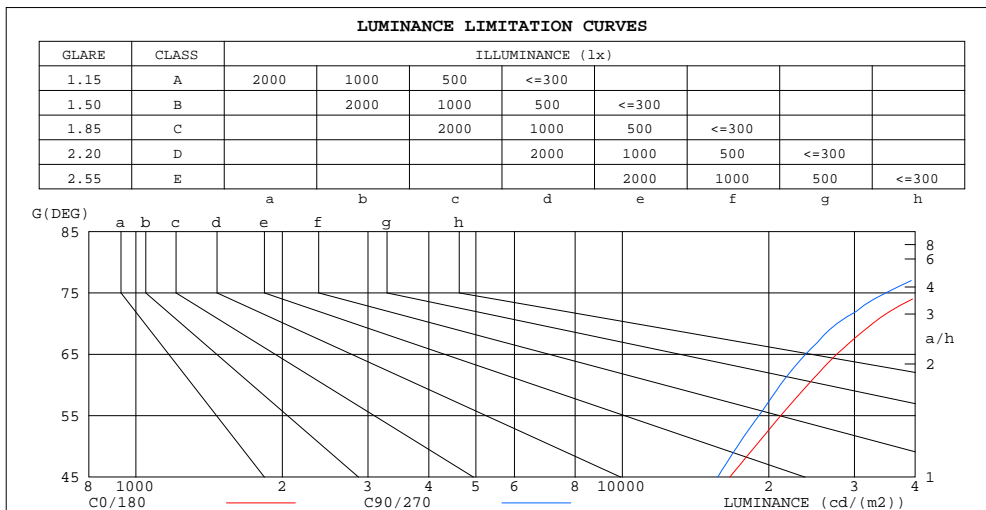
C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2022-3-28

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.265
 Humidity:65.0%
 Test Distance:13.000m [K=1.0000]
 Remarks:

ZONAL FLUX DIAGRAM
AND LUMINANCE LIMITATION CURVES

ZONAL FLUX DIAGRAM:

| γ | C0 | C45 | C90 | C135 | C180 | C225 | C270 | C315 | γ | Φ zone | Φ total | Φ lum,lamp |
|----------|-----------------------|-------|-------|-------|-------|-------|-------|-------|----------|-------------|--------------|-----------------|
| 10 | 228.0 | 228.3 | 229.1 | 224.7 | 226.4 | 219.7 | 219.9 | 224.7 | 0- 10 | 20.95 | 20.95 | 0.66,0.66 |
| 20 | 262.3 | 266.3 | 267.5 | 262.0 | 260.1 | 247.2 | 251.8 | 259.8 | 10- 20 | 68.71 | 89.66 | 2.84,2.84 |
| 30 | 300.7 | 306.9 | 309.3 | 307.0 | 296.1 | 282.8 | 290.7 | 304.7 | 20- 30 | 130.1 | 219.8 | 6.95,6.95 |
| 40 | 337.5 | 331.4 | 331.1 | 340.8 | 323.2 | 314.1 | 322.3 | 336.5 | 30- 40 | 199.2 | 419.0 | 13.2,13.2 |
| 50 | 361.8 | 339.5 | 332.5 | 352.2 | 331.9 | 324.8 | 329.9 | 354.4 | 40- 50 | 261.2 | 680.2 | 21.5,21.5 |
| 60 | 360.8 | 329.6 | 316.7 | 348.5 | 329.5 | 321.6 | 324.1 | 351.3 | 50- 60 | 305.4 | 985.6 | 31.2,31.2 |
| 70 | 335.4 | 295.9 | 283.3 | 321.8 | 309.8 | 299.7 | 297.5 | 323.8 | 60- 70 | 321.2 | 1307 | 41.3,41.3 |
| 80 | 312.5 | 275.6 | 260.3 | 297.8 | 291.8 | 273.1 | 262.8 | 296.6 | 70- 80 | 312.6 | 1619 | 51.2,51.2 |
| 90 | 309.3 | 273.5 | 260.5 | 297.0 | 294.3 | 266.0 | 256.6 | 292.2 | 80- 90 | 308.2 | 1928 | 61,61 |
| 100 | 298.9 | 262.7 | 252.0 | 289.3 | 292.7 | 260.0 | 251.3 | 283.9 | 90-100 | 303.7 | 2231 | 70.6,70.6 |
| 110 | 273.1 | 242.9 | 235.4 | 272.2 | 280.6 | 244.3 | 238.5 | 265.9 | 100-110 | 281.5 | 2513 | 79.5,79.5 |
| 120 | 235.7 | 211.9 | 206.9 | 240.7 | 250.1 | 217.4 | 217.7 | 236.9 | 110-120 | 241.4 | 2754 | 87.1,87.1 |
| 130 | 189.9 | 170.0 | 167.4 | 197.7 | 198.8 | 179.0 | 185.8 | 193.2 | 120-130 | 186.2 | 2941 | 93,93 |
| 140 | 137.2 | 121.0 | 123.9 | 146.4 | 141.8 | 132.3 | 141.0 | 141.3 | 130-140 | 124.9 | 3065 | 96.9,96.9 |
| 150 | 83.67 | 67.39 | 69.31 | 88.38 | 81.94 | 82.91 | 92.50 | 85.18 | 140-150 | 69.24 | 3135 | 99.1,99.1 |
| 160 | 26.77 | 15.67 | 15.07 | 28.71 | 28.00 | 30.65 | 37.27 | 27.67 | 150-160 | 25.46 | 3160 | 99.9,99.9 |
| 170 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 160-170 | 2.407 | 3163 | 100,100 |
| 180 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 170-180 | 0 | 3163 | 100,100 |
| DEG | LUMINOUS INTENSITY:cd | | | | | | | | | UNIT:lm | | |



| LUMINANCE cd/(m2) | | |
|-------------------|--------|---------|
| G(DEG) | C0/180 | C90/270 |
| 85 | 119050 | 100211 |
| 80 | 59983 | 49964 |
| 75 | 41667 | 34809 |
| 70 | 32690 | 27607 |
| 65 | 27583 | 23804 |
| 60 | 24051 | 21117 |
| 55 | 21161 | 19091 |
| 50 | 18760 | 17241 |
| 45 | 16626 | 15704 |

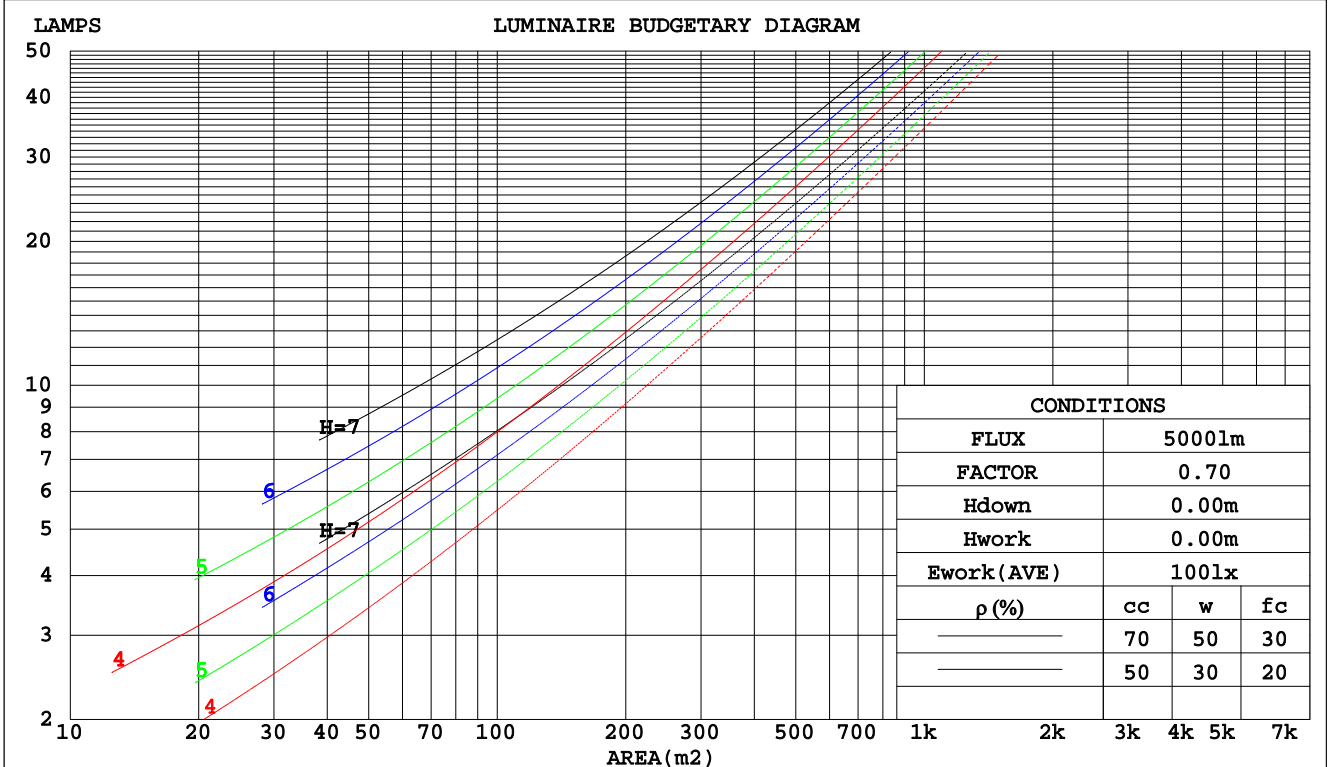
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-3-28

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:13.000m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

| | | |
|-------------------------------------------------------------------|----------------|-------------------|
| Test:U:227.4V I:0.1150A P:24.70W PF:0.9390 Lamp Flux:3162.53x1 lm | | |
| NAME: 175-538_539 | TYPE:LED | WEIGHT:10KG |
| DIM.: 445*392*57MM | SPEC.:26W | SERIAL No.: |
| MFR.: Tronix Lighting | SUR.:340*240MM | PROTECTION 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 | 1.10 | 1.10 | 1.10 | 1.03 | 1.03 | 1.03 | .89 | .89 | .89 | .77 | .77 | .77 | .66 | .66 | .66 | .61 |
| 1.0 | .89 | .83 | .78 | .83 | .78 | .73 | .71 | .67 | .63 | .61 | .57 | .55 | .51 | .48 | .46 | .41 |
| 2.0 | .75 | .67 | .60 | .70 | .62 | .56 | .60 | .54 | .49 | .50 | .46 | .42 | .42 | .38 | .35 | .31 |
| 3.0 | .64 | .55 | .47 | .60 | .51 | .44 | .51 | .44 | .39 | .43 | .38 | .33 | .36 | .31 | .28 | .24 |
| 4.0 | .56 | .46 | .39 | .52 | .43 | .36 | .44 | .37 | .32 | .37 | .32 | .27 | .31 | .26 | .23 | .19 |
| 5.0 | .49 | .39 | .32 | .46 | .37 | .30 | .39 | .32 | .26 | .33 | .27 | .23 | .27 | .23 | .19 | .16 |
| 6.0 | .44 | .34 | .27 | .40 | .32 | .26 | .35 | .28 | .22 | .29 | .23 | .19 | .24 | .20 | .16 | .13 |
| 7.0 | .39 | .30 | .23 | .36 | .28 | .22 | .31 | .24 | .19 | .26 | .21 | .16 | .22 | .17 | .14 | .11 |
| 8.0 | .35 | .26 | .20 | .33 | .25 | .19 | .28 | .21 | .17 | .24 | .18 | .14 | .20 | .15 | .12 | .09 |
| 9.0 | .32 | .23 | .18 | .30 | .22 | .17 | .26 | .19 | .15 | .22 | .16 | .13 | .18 | .14 | .10 | .08 |
| 10.0 | .29 | .21 | .16 | .27 | .20 | .15 | .23 | .17 | .13 | .20 | .15 | .11 | .17 | .12 | .09 | .07 |



C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2022-3-28

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.265
 Humidity:65.0%
 Test Distance:13.000m [K=1.0000]
 Remarks:

WEC AND CCEC

| | | |
|-------------------------------------------------------------------|----------------|-------------------|
| Test:U:227.4V I:0.1150A P:24.70W PF:0.9390 Lamp Flux:3162.53x1 lm | | |
| NAME: 175-538_539 | TYPE:LED | WEIGHT:10KG |
| DIM.: 445*392*57MM | SPEC.:26W | SERIAL No.: |
| MFR.: Tronix Lighting | SUR.:340*240MM | PROTECTION 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 | .418 | .238 | .075 | .399 | .227 | .072 | .363 | .208 | .066 | .330 | .190 | .061 | .299 | .174 | .056 | |
| 2.0 | .351 | .192 | .059 | .333 | .184 | .057 | .300 | .167 | .052 | .270 | .152 | .047 | .242 | .137 | .043 | |
| 3.0 | .306 | .163 | .049 | .291 | .156 | .047 | .261 | .141 | .043 | .233 | .128 | .039 | .207 | .115 | .036 | |
| 4.0 | .273 | .142 | .042 | .259 | .135 | .040 | .231 | .123 | .037 | .206 | .110 | .033 | .182 | .099 | .030 | |
| 5.0 | .246 | .126 | .036 | .233 | .120 | .035 | .208 | .108 | .032 | .185 | .097 | .029 | .163 | .087 | .026 | |
| 6.0 | .224 | .113 | .032 | .212 | .107 | .031 | .189 | .097 | .028 | .168 | .087 | .026 | .147 | .078 | .023 | |
| 7.0 | .206 | .102 | .029 | .195 | .097 | .028 | .174 | .088 | .025 | .154 | .079 | .023 | .135 | .070 | .021 | |
| 8.0 | .190 | .093 | .026 | .180 | .089 | .025 | .160 | .080 | .023 | .142 | .072 | .021 | .124 | .064 | .019 | |
| 9.0 | .177 | .086 | .024 | .167 | .082 | .023 | .149 | .074 | .021 | .132 | .066 | .019 | .115 | .059 | .017 | |
| 10.0 | .165 | .079 | .022 | .156 | .075 | .021 | .139 | .068 | .019 | .123 | .061 | .017 | .108 | .054 | .016 | |

| 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 | .488 | .488 | .488 | .417 | .417 | .417 | .285 | .285 | .285 | .164 | .164 | .164 | .052 | .052 | .052 | |
| 1.0 | .488 | .455 | .426 | .417 | .391 | .366 | .285 | .269 | .253 | .164 | .156 | .147 | .053 | .050 | .048 | |
| 2.0 | .482 | .434 | .393 | .413 | .373 | .340 | .283 | .258 | .237 | .163 | .150 | .139 | .052 | .049 | .045 | |
| 3.0 | .475 | .418 | .373 | .407 | .361 | .323 | .280 | .251 | .227 | .162 | .146 | .134 | .052 | .048 | .044 | |
| 4.0 | .468 | .406 | .360 | .401 | .351 | .312 | .276 | .245 | .220 | .160 | .143 | .130 | .051 | .047 | .043 | |
| 5.0 | .460 | .397 | .351 | .395 | .344 | .305 | .272 | .240 | .215 | .158 | .141 | .128 | .051 | .046 | .042 | |
| 6.0 | .453 | .390 | .344 | .389 | .338 | .300 | .269 | .236 | .212 | .156 | .139 | .126 | .050 | .045 | .042 | |
| 7.0 | .446 | .384 | .340 | .384 | .332 | .296 | .265 | .233 | .210 | .154 | .137 | .125 | .050 | .045 | .041 | |
| 8.0 | .439 | .378 | .336 | .378 | .328 | .293 | .262 | .230 | .208 | .152 | .136 | .124 | .049 | .045 | .041 | |
| 9.0 | .433 | .374 | .334 | .373 | .324 | .291 | .258 | .228 | .207 | .151 | .135 | .123 | .049 | .044 | .041 | |
| 10.0 | .427 | .370 | .331 | .368 | .321 | .289 | .255 | .226 | .206 | .149 | .134 | .123 | .048 | .044 | .041 | |

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2022-3-28

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.265
 Humidity:65.0%
 Test Distance:13.000m [K=1.0000]
 Remarks:

Uncorrected UGR Table

| | | | | | | | | | | |
|-------------------------------------------------------------------|------------------|------|------|------|----------------|----------------|------|-------------------|------|------|
| Test:U:227.4V I:0.1150A P:24.70W PF:0.9390 Lamp Flux:3162.53x1 lm | | | | | | | | | | |
| NAME: 175-538_539 | | | | | TYPE:LED | | | WEIGHT:10KG | | |
| DIM.: 445*392*57MM | | | | | SPEC.:26W | | | SERIAL No.: | | |
| MFR.: Tronix Lighting | | | | | SUR.:340*240MM | | | PROTECTION 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 | 21.1 | 22.3 | 21.9 | 23.1 | 24.1 | 20.9 | 22.1 | 21.7 | 22.9 | 23.9 |
| 3H | 24.1 | 25.2 | 24.9 | 26.0 | 27.0 | 23.7 | 24.8 | 24.4 | 25.6 | 26.6 |
| 4H | 25.7 | 26.8 | 26.5 | 27.6 | 28.6 | 25.2 | 26.2 | 26.0 | 27.0 | 28.1 |
| 6H | 27.6 | 28.6 | 28.4 | 29.4 | 30.5 | 26.9 | 27.9 | 27.7 | 28.7 | 29.7 |
| 8H | 28.7 | 29.6 | 29.5 | 30.5 | 31.5 | 27.9 | 28.8 | 28.7 | 29.7 | 30.7 |
| 12H | 29.9 | 30.9 | 30.8 | 31.7 | 32.8 | 29.1 | 30.0 | 29.9 | 30.9 | 31.9 |
| 4H 2H | 21.9 | 23.0 | 22.7 | 23.8 | 24.8 | 21.8 | 22.9 | 22.6 | 23.7 | 24.7 |
| 3H | 25.0 | 25.9 | 25.8 | 26.7 | 27.8 | 24.8 | 25.7 | 25.6 | 26.5 | 27.6 |
| 4H | 26.7 | 27.6 | 27.6 | 28.4 | 29.5 | 26.5 | 27.3 | 27.3 | 28.2 | 29.2 |
| 6H | 28.8 | 29.5 | 29.6 | 30.4 | 31.5 | 28.3 | 29.1 | 29.2 | 30.0 | 31.1 |
| 8H | 30.0 | 30.7 | 30.8 | 31.6 | 32.7 | 29.4 | 30.1 | 30.3 | 31.0 | 32.2 |
| 12H | 31.4 | 32.0 | 32.3 | 32.9 | 34.1 | 30.7 | 31.4 | 31.6 | 32.3 | 33.4 |
| 8H 4H | 27.3 | 28.0 | 28.2 | 28.9 | 30.0 | 27.1 | 27.8 | 28.0 | 28.7 | 29.8 |
| 6H | 29.6 | 30.2 | 30.5 | 31.1 | 32.2 | 29.3 | 29.9 | 30.2 | 30.8 | 32.0 |
| 8H | 30.9 | 31.5 | 31.8 | 32.4 | 33.6 | 30.7 | 31.2 | 31.6 | 32.1 | 33.3 |
| 12H | 32.6 | 33.0 | 33.5 | 34.0 | 35.2 | 32.2 | 32.7 | 33.1 | 33.6 | 34.8 |
| 12H 4H | 27.5 | 28.1 | 28.4 | 29.0 | 30.2 | 27.3 | 27.9 | 28.1 | 28.8 | 30.0 |
| 6H | 29.8 | 30.4 | 30.8 | 31.3 | 32.5 | 29.6 | 30.2 | 30.5 | 31.1 | 32.3 |
| 8H | 31.3 | 31.8 | 32.2 | 32.7 | 33.9 | 31.1 | 31.6 | 32.0 | 32.5 | 33.7 |
| Variations with the observer position at spacings: | | | | | | | | | | |
| S = 1.0H | + 0.1 / - 0.1 | | | | | + 0.1 / - 0.1 | | | | |
| 1.5H | + 0.2 / - 0.2 | | | | | + 0.2 / - 0.3 | | | | |
| 2.0H | + 0.3 / - 0.4 | | | | | + 0.3 / - 0.4 | | | | |

CIE Pub.117 Corrected 3163 lm Total Lamp Luminous Flux.(8log(F/F0) = 4.0)

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2022-3-28

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.265
 Humidity:65.0%
 Test Distance:13.000m [K=1.0000]
 Remarks:

UTILIZATION FACTORS TABLE

| | | |
|-------------------------------------------------------------------|----------------|-------------------|
| Test:U:227.4V I:0.1150A P:24.70W PF:0.9390 Lamp Flux:3162.53x1 lm | | |
| NAME: 175-538_539 | TYPE:LED | WEIGHT:10KG |
| DIM.: 445*392*57MM | SPEC.:26W | SERIAL No.: |
| MFR.: Tronix Lighting | SUR.:340*240MM | PROTECTION ANGLE: |

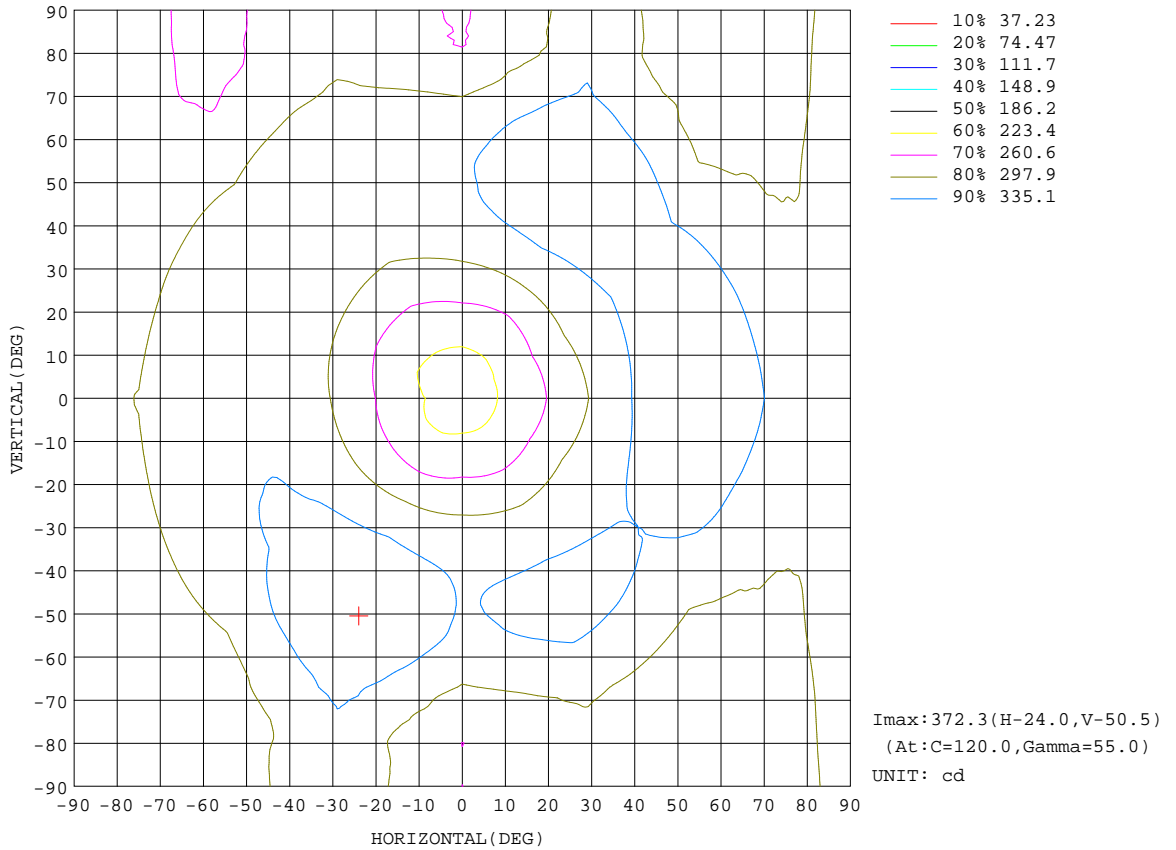
| REFLECTANCE | | | | | | | | | | |
|----------------------------------|-----------------------------------------------------|-----|-----------|-----|-----|-----|---------------|-----|-----|--------|
| Ceiling | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 | 0 |
| Walls | 0.7 | 0.5 | 0.3 | 0.7 | 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 | 38 | 25 | 18 | 36 | 24 | 17 | 34 | 23 | 16 | 9 |
| 0.80 | 47 | 33 | 24 | 44 | 31 | 23 | 40 | 29 | 22 | 13 |
| 1.00 | 54 | 40 | 31 | 51 | 38 | 30 | 46 | 37 | 28 | 17 |
| 1.25 | 61 | 47 | 37 | 58 | 45 | 36 | 51 | 41 | 33 | 21 |
| 1.50 | 66 | 53 | 43 | 63 | 50 | 41 | 55 | 45 | 38 | 24 |
| 2.00 | 74 | 61 | 52 | 70 | 58 | 49 | 61 | 52 | 45 | 29 |
| 2.50 | 79 | 67 | 58 | 74 | 64 | 55 | 65 | 57 | 50 | 32 |
| 3.00 | 83 | 72 | 64 | 78 | 68 | 60 | 68 | 61 | 54 | 35 |
| 4.00 | 89 | 79 | 71 | 83 | 75 | 67 | 72 | 66 | 60 | 39 |
| 5.00 | 92 | 84 | 77 | 86 | 79 | 72 | 75 | 69 | 64 | 42 |
| 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:2022-3-28

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.265
 Humidity:65.0%
 Test Distance:13.000m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

| | | |
|-------------------------------------------------------------------|----------------|-------------------|
| Test:U:227.4V I:0.1150A P:24.70W PF:0.9390 Lamp Flux:3162.53x1 lm | | |
| NAME: 175-538_539 | TYPE:LED | WEIGHT:10KG |
| DIM.: 445*392*57MM | SPEC.:26W | SERIAL No.: |
| MFR.: Tronix Lighting | SUR.:340*240MM | PROTECTION ANGLE: |

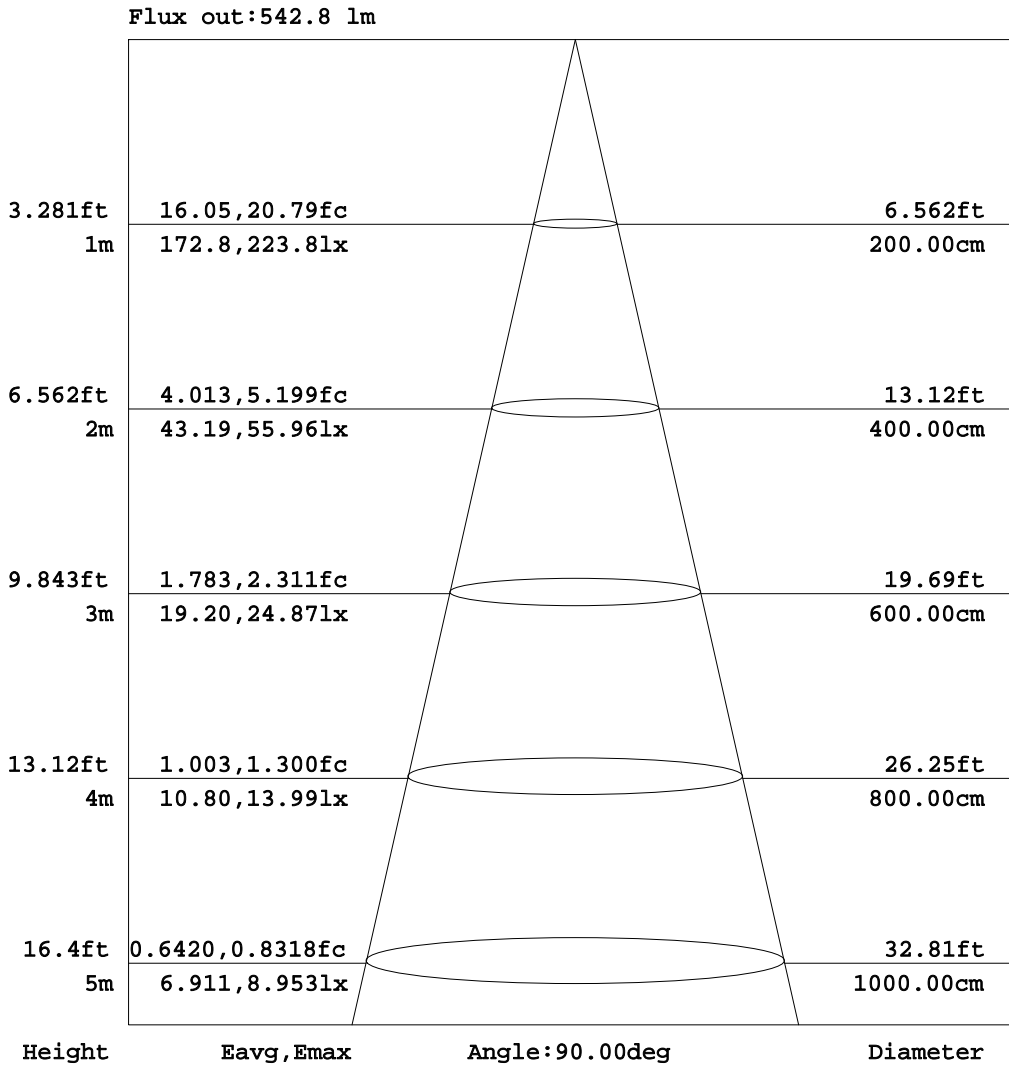


C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2022-3-28

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.265
 Humidity: 65.0%
 Test Distance: 13.000m [K=1.0000]
 Remarks:

AAI Figure

| | | |
|-------------------------------------------------------------------|----------------|-------------------|
| Test:U:227.4V I:0.1150A P:24.70W PF:0.9390 Lamp Flux:3162.53x1 lm | | |
| NAME: 175-538_539 | TYPE:LED | WEIGHT:10KG |
| DIM.: 445*392*57MM | SPEC.:26W | SERIAL No.: |
| MFR.: Tronix Lighting | SUR.:340*240MM | PROTECTION ANGLE: |



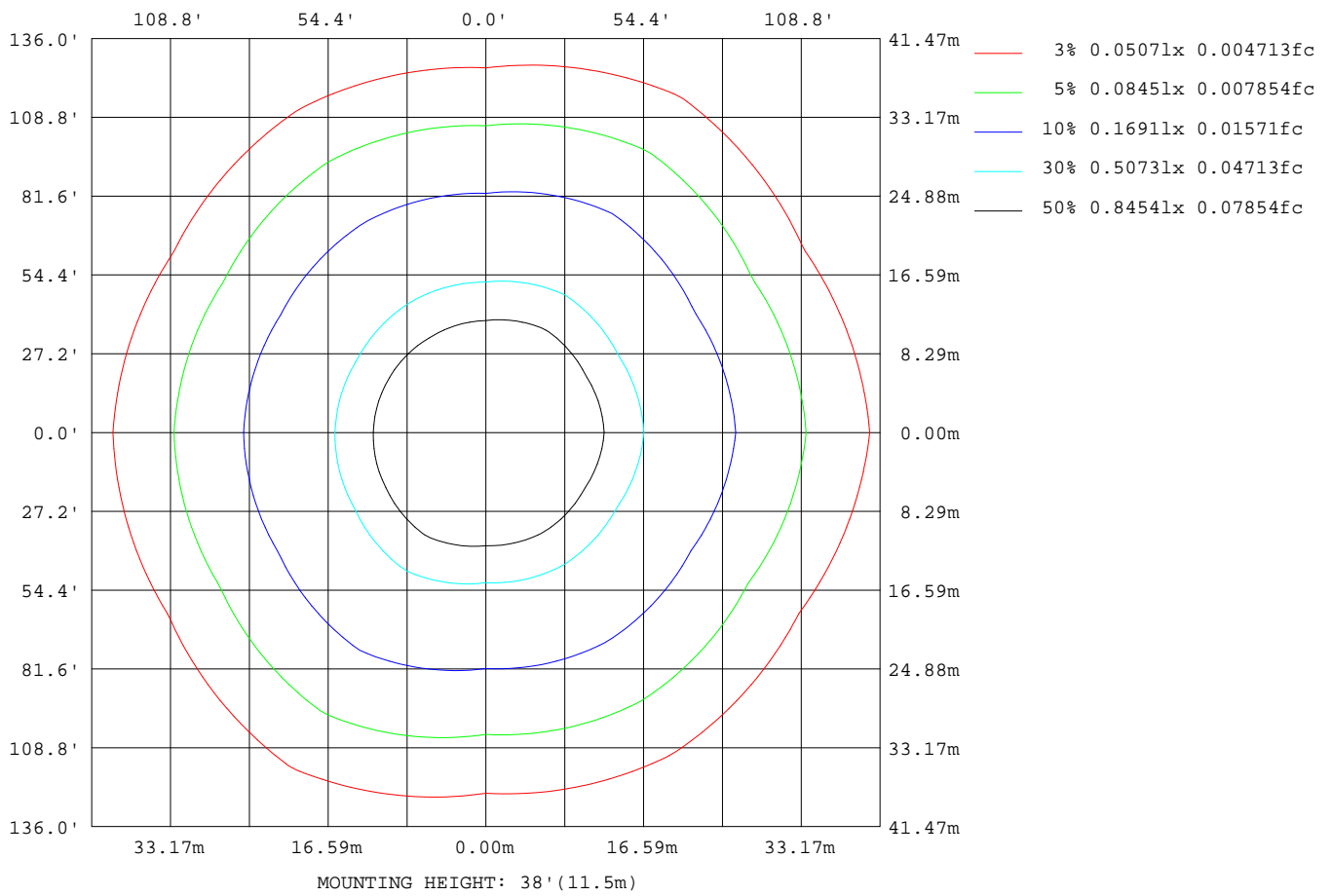
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2022-3-28

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.265
 Humidity:65.0%
 Test Distance:13.000m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

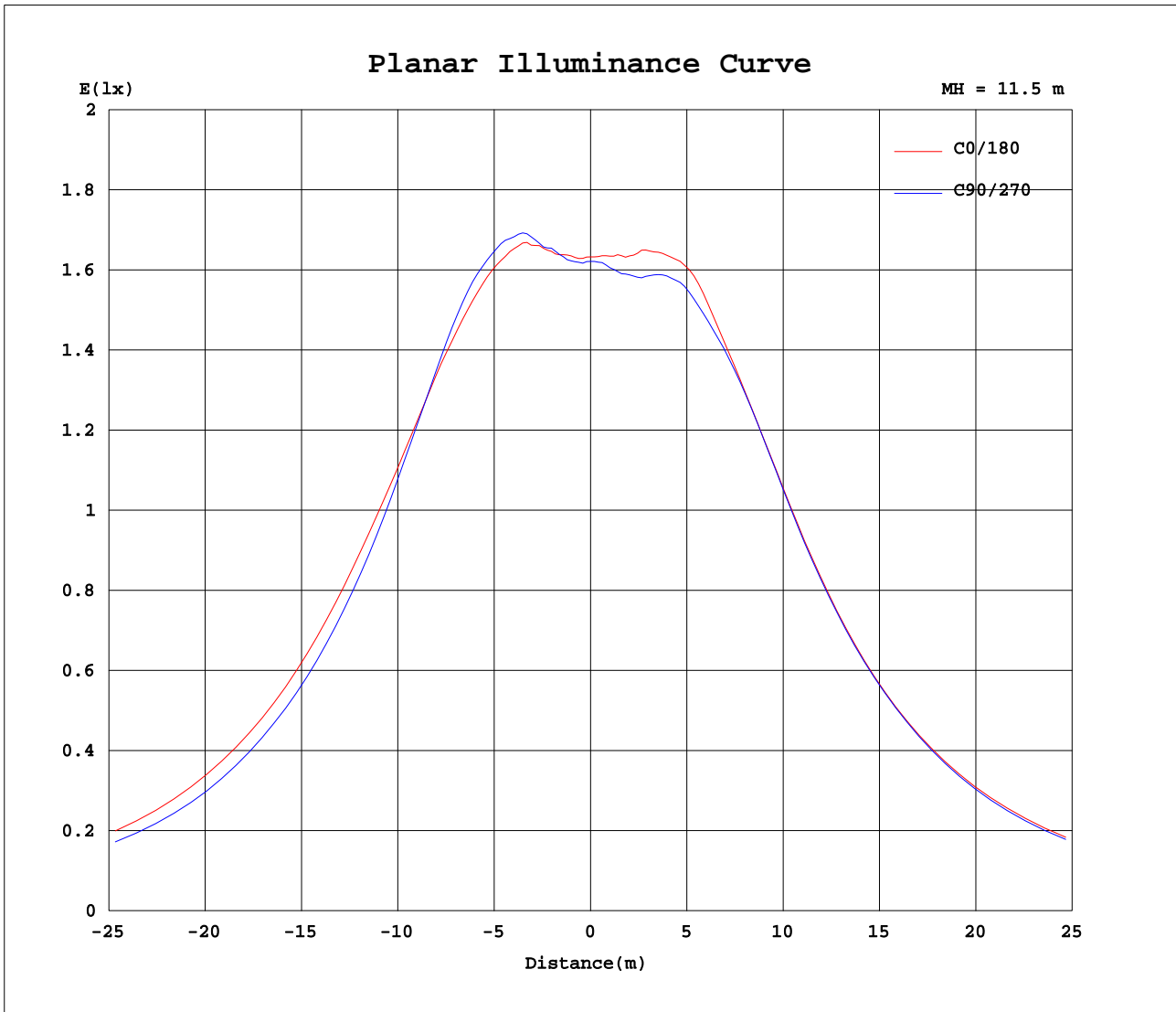
| | | |
|-------------------------------------------------------------------|----------------|-------------------|
| Test:U:227.4V I:0.1150A P:24.70W PF:0.9390 Lamp Flux:3162.53x1 lm | | |
| NAME: 175-538_539 | TYPE:LED | WEIGHT:10KG |
| DIM.: 445*392*57MM | SPEC.:26W | SERIAL No.: |
| MFR.: Tronix Lighting | SUR.:340*240MM | PROTECTION ANGLE: |



C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2022-3-28

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.265
 Humidity:65.0%
 Test Distance:13.000m [K=1.0000]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2022-3-28

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.265
Humidity: 65.0%
Test Distance: 13.000m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

| | | |
|-------------------------------------------------------------------|----------------|-------------------|
| Test:U:227.4V I:0.1150A P:24.70W PF:0.9390 Lamp Flux:3162.53x1 lm | | |
| NAME: 175-538_539 | TYPE:LED | WEIGHT:10KG |
| DIM.: 445*392*57MM | SPEC.:26W | SERIAL No.: |
| MFR.: Tronix Lighting | SUR.:340*240MM | PROTECTION ANGLE: |

Table--1

UNIT: cd

| C(DEG)\ γ (DEG) | 0 | 30 | 60 | 90 | 120 | 150 | 180 | 210 | 240 | 270 | 300 | 330 | | | | | | |
|--------------------|------|------|------|------|------|------|------|------|------|------|------|------|--|--|--|--|--|--|
| 0 | 216 | 214 | 214 | 214 | 215 | 216 | 216 | 214 | 214 | 214 | 215 | 216 | | | | | | |
| 5 | 219 | 217 | 217 | 217 | 216 | 217 | 219 | 216 | 215 | 215 | 216 | 218 | | | | | | |
| 10 | 228 | 229 | 228 | 229 | 225 | 224 | 226 | 220 | 220 | 220 | 222 | 228 | | | | | | |
| 15 | 244 | 246 | 244 | 247 | 240 | 239 | 242 | 232 | 229 | 233 | 235 | 244 | | | | | | |
| 20 | 262 | 268 | 265 | 268 | 262 | 262 | 260 | 249 | 246 | 252 | 254 | 265 | | | | | | |
| 25 | 281 | 289 | 287 | 289 | 287 | 282 | 282 | 268 | 263 | 271 | 276 | 286 | | | | | | |
| 30 | 301 | 309 | 304 | 309 | 311 | 303 | 296 | 286 | 280 | 291 | 301 | 309 | | | | | | |
| 35 | 321 | 323 | 319 | 323 | 332 | 322 | 311 | 305 | 297 | 310 | 321 | 324 | | | | | | |
| 40 | 337 | 331 | 332 | 331 | 348 | 334 | 323 | 318 | 311 | 322 | 339 | 334 | | | | | | |
| 45 | 353 | 334 | 341 | 333 | 359 | 338 | 330 | 323 | 320 | 328 | 356 | 340 | | | | | | |
| 50 | 362 | 335 | 344 | 332 | 368 | 337 | 332 | 323 | 327 | 330 | 365 | 344 | | | | | | |
| 55 | 364 | 331 | 343 | 328 | 372 | 335 | 332 | 319 | 332 | 330 | 368 | 342 | | | | | | |
| 60 | 361 | 323 | 336 | 317 | 369 | 328 | 330 | 314 | 329 | 324 | 368 | 335 | | | | | | |
| 65 | 350 | 304 | 321 | 302 | 357 | 314 | 322 | 303 | 324 | 313 | 363 | 319 | | | | | | |
| 70 | 335 | 285 | 307 | 283 | 345 | 299 | 310 | 286 | 314 | 297 | 348 | 299 | | | | | | |
| 75 | 324 | 273 | 294 | 270 | 335 | 283 | 298 | 270 | 300 | 278 | 336 | 285 | | | | | | |
| 80 | 312 | 262 | 289 | 260 | 324 | 271 | 292 | 256 | 290 | 263 | 321 | 272 | | | | | | |
| 85 | 311 | 262 | 289 | 262 | 327 | 269 | 293 | 251 | 284 | 259 | 319 | 268 | | | | | | |
| 90 | 309 | 261 | 286 | 260 | 326 | 268 | 294 | 249 | 283 | 257 | 317 | 268 | | | | | | |
| 95 | 305 | 257 | 281 | 257 | 323 | 265 | 295 | 247 | 281 | 254 | 313 | 265 | | | | | | |
| 100 | 299 | 252 | 273 | 252 | 317 | 261 | 293 | 243 | 277 | 251 | 307 | 260 | | | | | | |
| 105 | 288 | 245 | 263 | 245 | 309 | 255 | 288 | 238 | 269 | 246 | 298 | 254 | | | | | | |
| 110 | 273 | 236 | 249 | 235 | 298 | 247 | 281 | 230 | 259 | 238 | 287 | 245 | | | | | | |
| 115 | 256 | 224 | 233 | 221 | 282 | 236 | 268 | 220 | 246 | 229 | 272 | 234 | | | | | | |
| 120 | 236 | 210 | 214 | 207 | 261 | 221 | 250 | 208 | 227 | 218 | 253 | 221 | | | | | | |
| 125 | 214 | 194 | 192 | 189 | 239 | 204 | 226 | 193 | 205 | 204 | 230 | 205 | | | | | | |
| 130 | 190 | 172 | 168 | 167 | 212 | 183 | 199 | 174 | 184 | 186 | 202 | 184 | | | | | | |
| 135 | 163 | 150 | 141 | 146 | 182 | 162 | 172 | 153 | 161 | 164 | 173 | 162 | | | | | | |
| 140 | 137 | 127 | 115 | 124 | 153 | 140 | 142 | 132 | 133 | 141 | 144 | 139 | | | | | | |
| 145 | 111 | 100 | 89.3 | 97.6 | 121 | 117 | 113 | 110 | 107 | 119 | 115 | 115 | | | | | | |
| 150 | 83.7 | 72.2 | 62.6 | 69.3 | 87.6 | 89.2 | 81.9 | 85.7 | 80.1 | 92.5 | 84.8 | 85.6 | | | | | | |
| 155 | 54.9 | 46.7 | 38.1 | 42.5 | 54.3 | 61.1 | 53.7 | 56.6 | 55.1 | 63.2 | 55.5 | 54.9 | | | | | | |
| 160 | 26.8 | 17.7 | 13.6 | 15.1 | 24.9 | 32.5 | 28.0 | 31.6 | 29.7 | 37.3 | 29.0 | 26.3 | | | | | | |
| 165 | 1.00 | 0.00 | 0.00 | 0.00 | 0.01 | 6.37 | 3.33 | 6.63 | 6.29 | 10.5 | 3.40 | 0.87 | | | | | | |
| 170 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | |
| 175 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | |
| 180 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | |

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