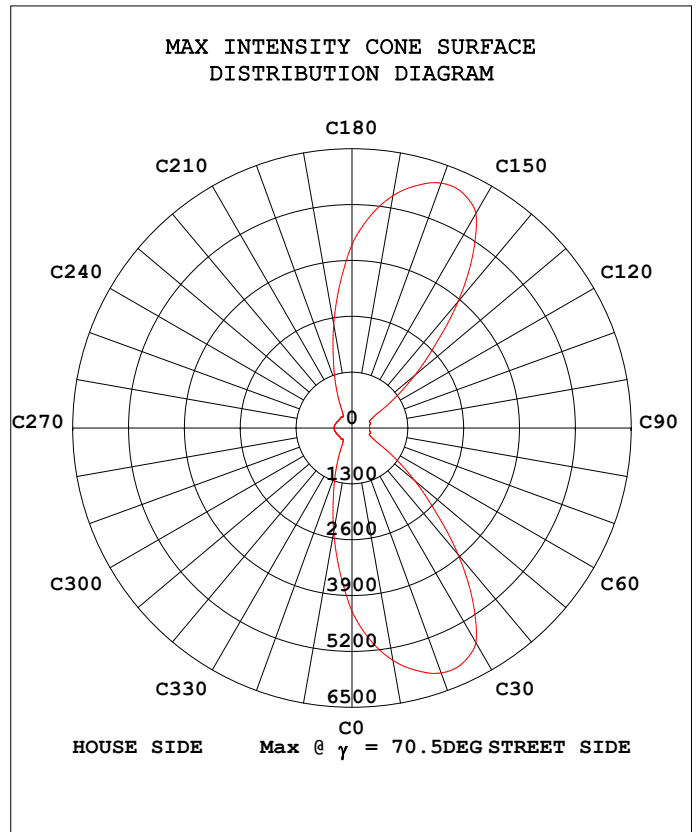
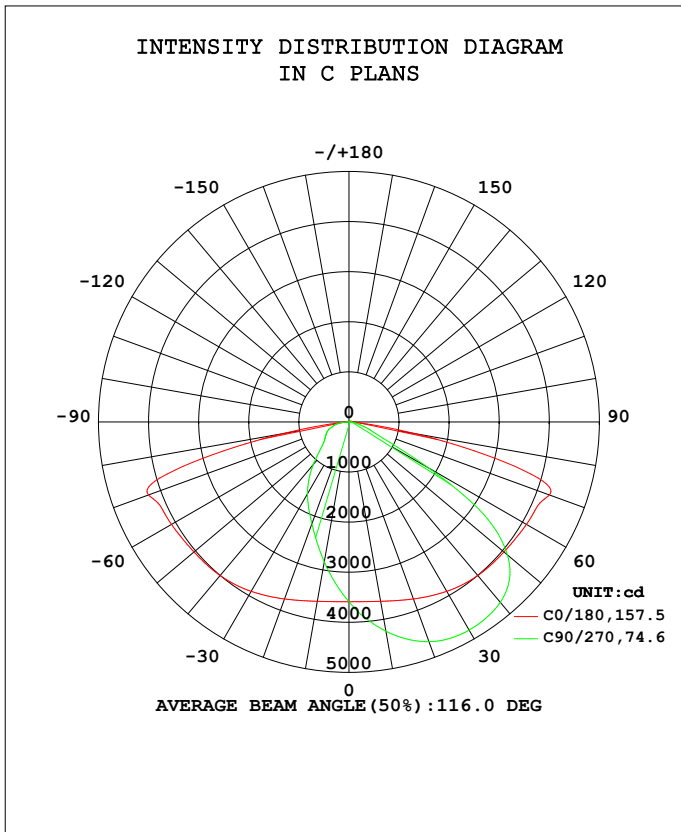


EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

STREETLIGHT PHOTOMETRIC TEST REPORT

| | | |
|--------------------------------------------------------|-------|------------------|
| Test:U:120.0V I:0.837A P:100.0W PF:0.995 Freq:50.00Hz | | |
| UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:14335.3x1 lm | | |
| NAME: ST10-100-UD-3070-A21601 | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: | SUR.: | Shielding Angle: |

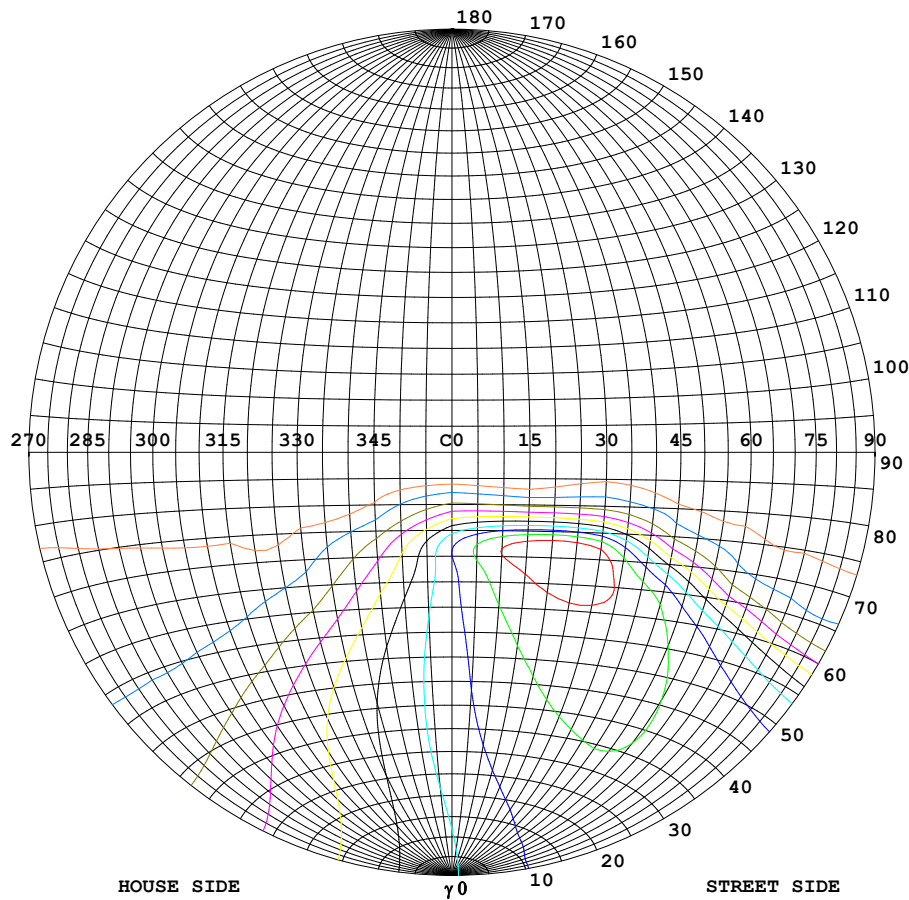
| DATA OF LAMP | | PHOTOMETRIC DATA Eff: 143.35 lm/W | | | |
|-------------------|---------|-----------------------------------|---------|-------------------|------|
| MODEL | / | I _{max} (cd) | 6092 | η street_up (%) | 0.0 |
| NOMINAL POWER (W) | / | LOR (%) | 100.0 | η street_down (%) | 70.0 |
| RATED VOLTAGE (V) | / | TOTAL FLUX (lm) | 14335 | η house_up (%) | 0.0 |
| NOMINAL FLUX (lm) | 14335.3 | MAXIMUM @ (C, γ) | 23,70.5 | η house_down (%) | 30.0 |
| LAMPS INSIDE | 1 | η up (%) | 0.0 | 76 FLASHAREA (m2) | |
| TEST VOLTAGE (V) | / | η down (%) | 100.0 | SLI | |



C Range: 0 - 360DEG
 C Interval: 2.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:LYJ
 Test Date:2022-05-04

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.446
 Humidity:65.0%
 Test Distance:26.000m [K=0.0446]
 Remarks:

STREETLIGHT ISOCANDELA DIAGRAM



Classification:

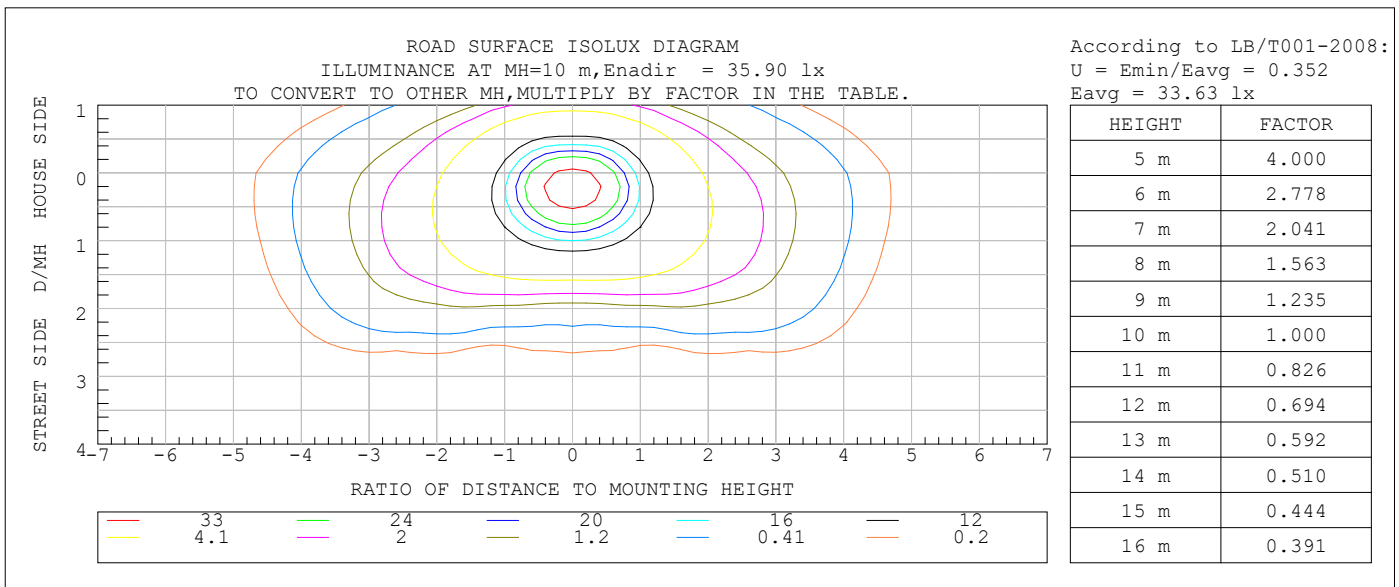
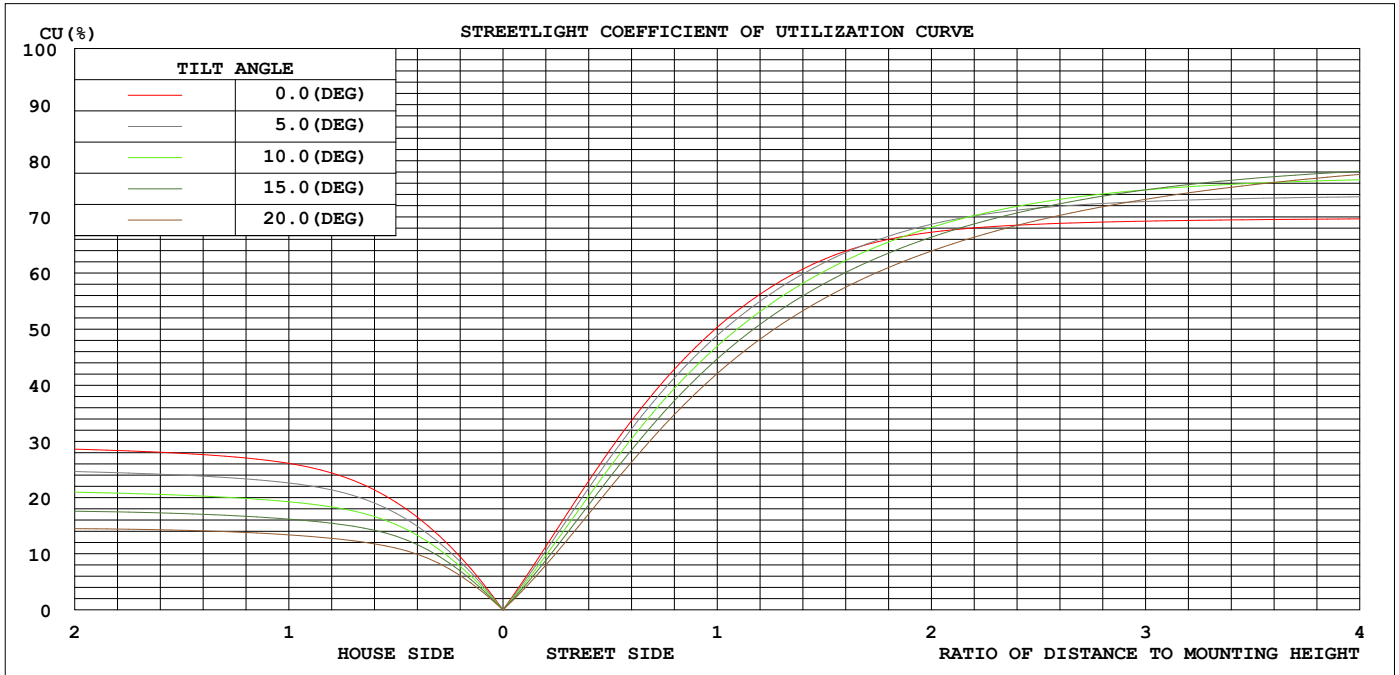
IES:Type III - Medium
 CIE:Broad - Long
 IES:Cut-off
 CIE:Semi-cut-off
 Max.At80:92.03cd/klm
 Max.At90:0.3653cd/klm
 Max.80-90:92.03cd/klm
 NRB 5101:Limited[6.8%]

| ISOCANDELA DIAGRAM | |
|--------------------|------|
| UNIT | cd |
| Imax=100% | 6092 |
| 90% | 5483 |
| 80% | 4874 |
| 70% | 4265 |
| 60% | 3655 |
| 50% | 3046 |
| 40% | 2437 |
| 30% | 1828 |
| 20% | 1218 |
| 10% | 609 |
| 5% | 305 |

C Range: 0 - 360DEG
 C Interval: 2.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:LYJ
 Test Date:2022-05-04

gamma Range: 0 - 90DEG
 gamma Interval: 0.5DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.446
 Humidity:65.0%
 Test Distance:26.000m [K=0.0446]
 Remarks:

COEFFICIENT OF UTILIZATION CURVE
AND ISOLUX DIAGRAM



C Range: 0 - 360DEG
C Interval: 2.5DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: LYJ
Test Date: 2022-05-04

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.446
Humidity: 65.0%
Test Distance: 26.000m [K=0.0446]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

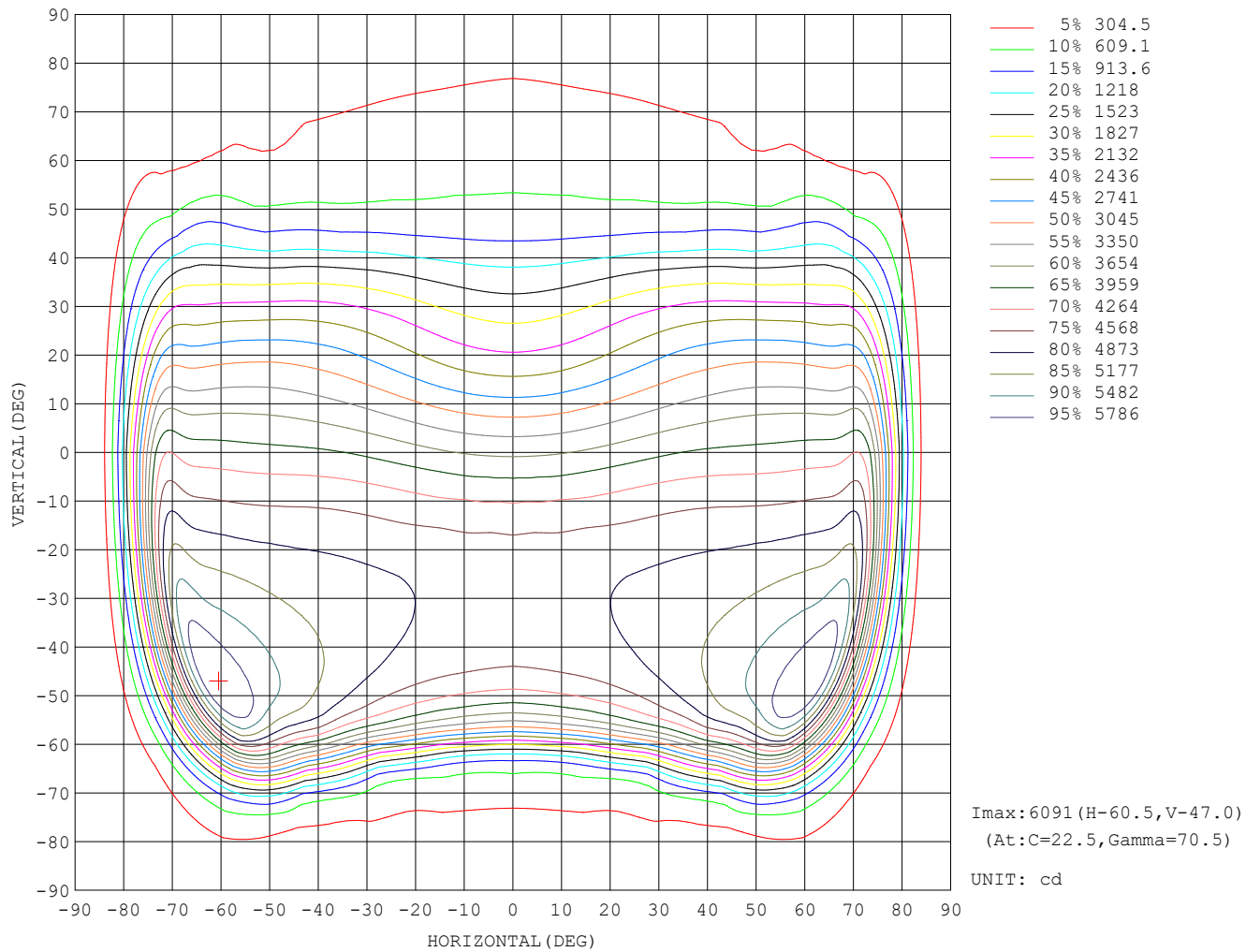
ZONAL FLUX DIAGRAM

| γ | C0 | C45 | C90 | C135 | C180 | C225 | C270 | C315 | γ | Φ zone | Φ total | %lum, lamp |
|----------|-----------------------|--------|--------|--------|-------|-------|--------|-------|----------|-------------|--------------|------------|
| 10 | 3636 | 4097 | 4240 | 4097 | 3636 | 3084 | 2836 | 3084 | 0- 10 | 342.6 | 342.6 | 2.39,2.39 |
| 20 | 3760 | 4518 | 4668 | 4518 | 3760 | 2658 | 2164 | 2658 | 10- 20 | 1017 | 1360 | 9.48,9.48 |
| 30 | 3904 | 4799 | 4796 | 4799 | 3904 | 2356 | 1655 | 2356 | 20- 30 | 1658 | 3018 | 21.1,21.1 |
| 40 | 4002 | 4949 | 4700 | 4949 | 4002 | 2002 | 1105 | 2002 | 30- 40 | 2215 | 5233 | 36.5,36.5 |
| 50 | 4038 | 5044 | 4129 | 5044 | 4038 | 1314 | 670.9 | 1314 | 40- 50 | 2593 | 7825 | 54.6,54.6 |
| 60 | 4091 | 5008 | 1833 | 5008 | 4091 | 624.6 | 534.8 | 624.6 | 50- 60 | 2692 | 10517 | 73.4,73.4 |
| 70 | 4258 | 2954 | 428.3 | 2954 | 4258 | 370.7 | 425.0 | 370.7 | 60- 70 | 2303 | 12820 | 89.4,89.4 |
| 80 | 1319 | 363.3 | 129.2 | 363.3 | 1319 | 199.3 | 249.5 | 199.3 | 70- 80 | 1353 | 14172 | 98.9,98.9 |
| 90 | 1.864 | 0.3028 | 0.1756 | 0.3028 | 1.864 | 2.985 | 0.3477 | 2.985 | 80- 90 | 162.9 | 14335 | 100,100 |
| 100 | | | | | | | | | 90-100 | | | |
| 110 | | | | | | | | | 100-110 | | | |
| 120 | | | | | | | | | 110-120 | | | |
| 130 | | | | | | | | | 120-130 | | | |
| 140 | | | | | | | | | 130-140 | | | |
| 150 | | | | | | | | | 140-150 | | | |
| 160 | | | | | | | | | 150-160 | | | |
| 170 | | | | | | | | | 160-170 | | | |
| 180 | | | | | | | | | 170-180 | | | |
| DEG | LUMINOUS INTENSITY:cd | | | | | | | | | UNIT:lm | | |

C Range: 0 - 360DEG
 C Interval: 2.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:LYJ
 Test Date:2022-05-04

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.446
 Humidity:65.0%
 Test Distance:26.000m [K=0.0446]
 Remarks:

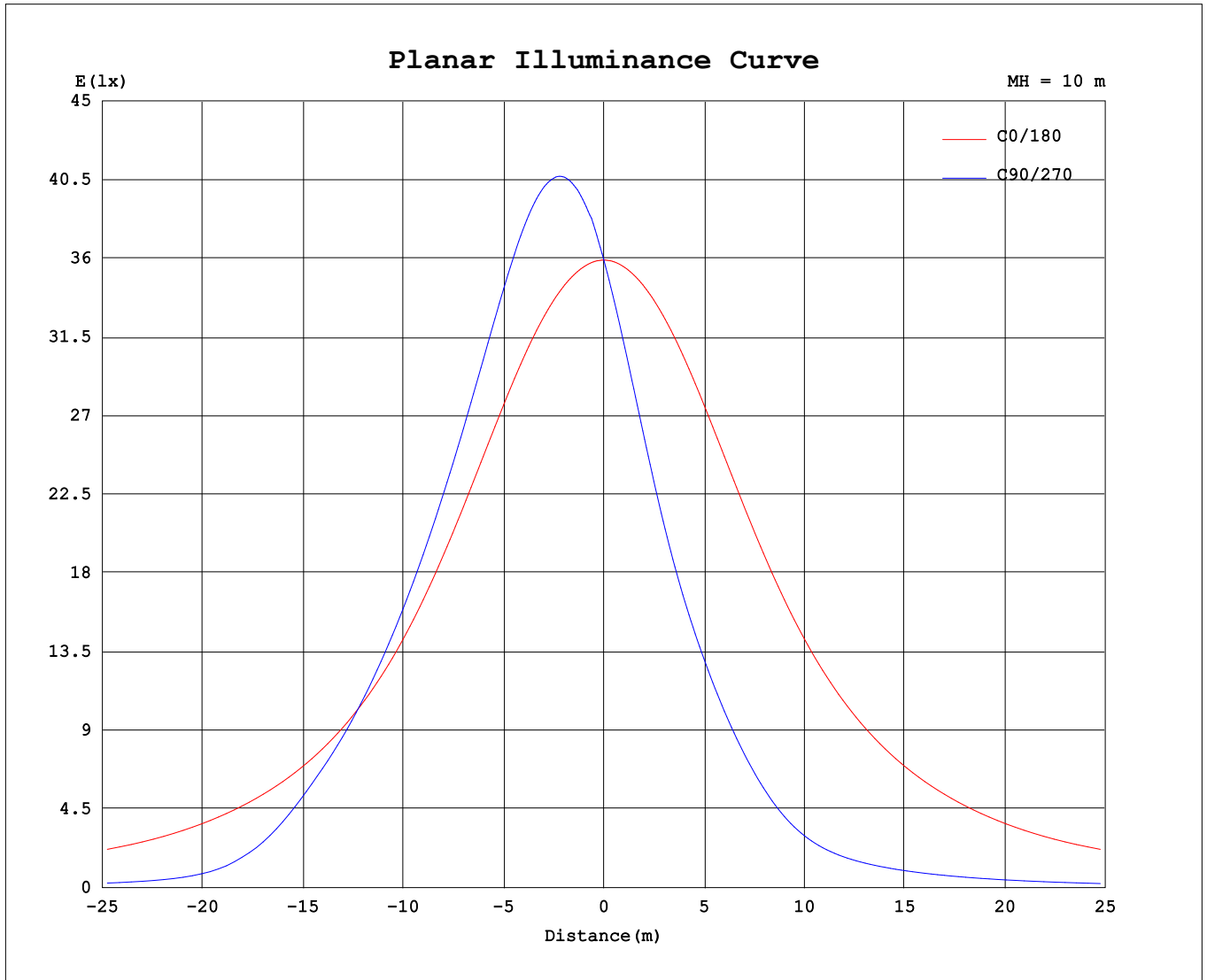
ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
 C Interval: 2.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:LYJ
 Test Date:2022-05-04

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.446
 Humidity:65.0%
 Test Distance:26.000m [K=0.0446]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 2.5DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: LYJ
Test Date: 2022-05-04

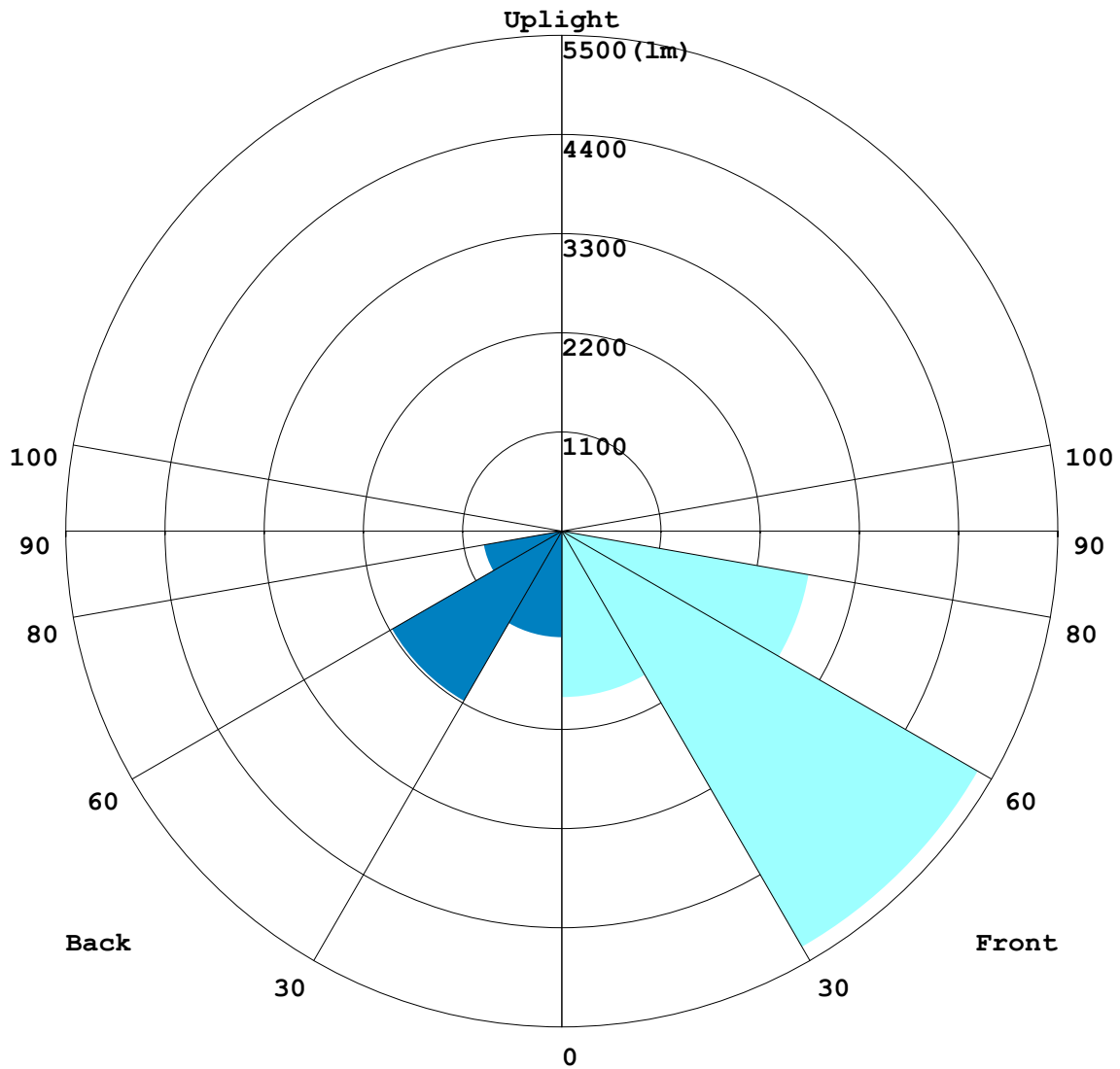
γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.446
Humidity: 65.0%
Test Distance: 26.000m [K=0.0446]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

LCS REPORT

| | | |
|--------------------------------------------------------|-------|------------------|
| Test:U:120.0V I:0.837A P:100.0W PF:0.995 Freq:50.00Hz | | |
| UTHdi:0.00% ITHdi:0.00% KDisp:0 Lamp Flux:14335.3x1 lm | | |
| NAME: ST10-100-UD-3070-A21601 | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: | SUR.: | Shielding Angle: |

LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



C Range: 0 - 360DEG
 C Interval: 2.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:LYJ
 Test Date:2022-05-04

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.446
 Humidity:65.0%
 Test Distance:26.000m [K=0.0446]
 Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

BUG REPORT

| | | |
|-----------------------------------------------------------------------------------------------------------------|-------|------------------|
| Test:U:120.0V I:0.837A P:100.0W PF:0.995 Freq:50.00Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:14335.3x1 lm | | |
| NAME: ST10-100-UD-3070-A21601 | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: | SUR.: | Shielding Angle: |

IESNA Luminaire Flux Distribution Table:

| Zone | Lumens | Luminaire % |
|------------------------------|--------------|-------------|
| FL - Front-Low(0-30) | 1841 | 12.8 |
| FM - Front-Medium(30-60) | 5326 | 37.2 |
| FH - Front-High(60-80) | 2778.2 | 19.4 |
| FVH - Front-Very High(80-90) | 94.698 | 0.7 |
| Total Forward Light | 10040 | 70.0 |

| | | |
|-----------------------------|---------------|-------------|
| BL - Back-Low(0-30) | 1176.9 | 8.2 |
| BM - Back-Medium(30-60) | 2173.1 | 15.2 |
| BH - Back-High(60-80) | 877.1 | 6.1 |
| BVH - Back-Very High(80-90) | 68.169 | 0.5 |
| Total Back Light | 4295.3 | 30.0 |

| | | |
|----------------------------|----------|------------|
| UL - Uplight-Low(90-100) | 0 | 0.0 |
| UH - Uplight-High(100-180) | 0 | 0.0 |
| Total Up Light | 0 | 0.0 |

| | |
|---------------------------|----------|
| BUG(Back,Up,Glare) Rating | B3-U0-G2 |
|---------------------------|----------|

| Zone | Downward Lumens | Upward Lumens | Total Lumens |
|-------------|-----------------|---------------|--------------|
| House Side | 4295.3 | 0 | 4295.3 |
| Street Side | 10040 | 0 | 10040 |

C Range: 0 - 360DEG
 C Interval: 2.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:LYJ
 Test Date:2022-05-04

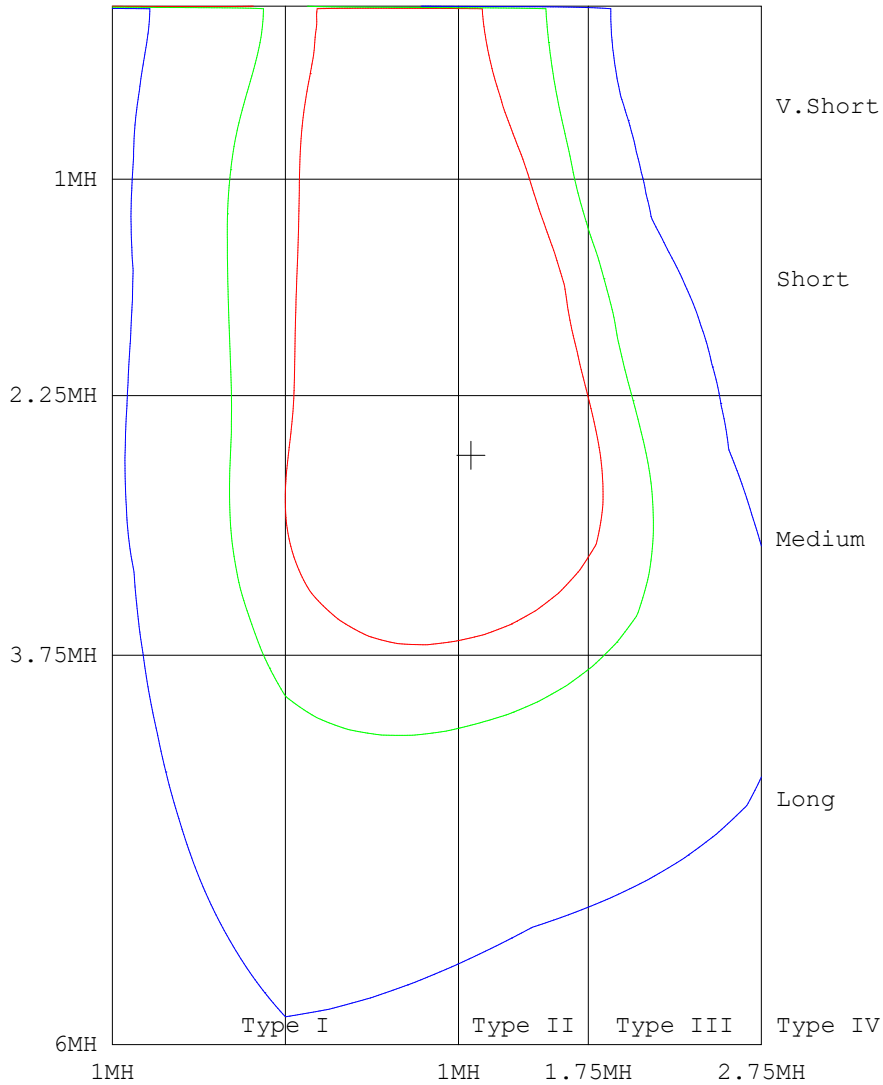
γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.446
 Humidity:65.0%
 Test Distance:26.000m [K=0.0446]
 Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

ROAD ISOCANDELA REPORT

| | | |
|-----------------------------------------------------------------------------------------------------------------|-------|------------------|
| Test:U:120.0V I:0.837A P:100.0W PF:0.995 Freq:50.00Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:14335.3x1 lm | | |
| NAME: ST10-100-UD-3070-A21601 | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: | SUR.: | Shielding Angle: |

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG Pavement 70% 4264.8 Road 50% 3046.3 γ Range: 1210.5 - 90DEG 2.5% 152.32
 C Interval: 2.5DEG γ Interval: 0.5DEG
 Test Speed: HIGH Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.446
 Temperature: 25.3°C Humidity: 65.0%
 Operators: LYJ Test Distance: 26.000m [K=0.0446]
 Test Date: 2022-05-04 Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINOUS DISTRIBUTION INTENSITY DATA

Table--1

UNIT: cd

| γ (DEG) \ C (DEG) | 0 | 2.5 | 5 | 7.5 | 10 | 12.5 | 15 | 17.5 | 20 | 22.5 | 25 | 27.5 | 30 | 32.5 | 35 | 37.5 | 40 | 42.5 | 45 |
|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 0 | 3590 | 3590 | 3590 | 3590 | 3590 | 3590 | 3590 | 3590 | 3590 | 3590 | 3590 | 3590 | 3590 | 3590 | 3590 | 3590 | 3590 | 3590 | 3590 |
| 5 | 3601 | 3617 | 3633 | 3649 | 3664 | 3680 | 3695 | 3711 | 3726 | 3740 | 3754 | 3768 | 3781 | 3794 | 3806 | 3817 | 3829 | 3839 | 3849 |
| 10 | 3636 | 3667 | 3699 | 3729 | 3759 | 3789 | 3817 | 3844 | 3870 | 3895 | 3919 | 3943 | 3966 | 3990 | 4013 | 4036 | 4058 | 4078 | 4097 |
| 15 | 3691 | 3738 | 3783 | 3828 | 3871 | 3913 | 3953 | 3990 | 4026 | 4060 | 4092 | 4124 | 4154 | 4185 | 4216 | 4245 | 4272 | 4298 | 4322 |
| 20 | 3760 | 3821 | 3880 | 3937 | 3992 | 4044 | 4095 | 4140 | 4183 | 4224 | 4263 | 4299 | 4334 | 4370 | 4403 | 4435 | 4465 | 4493 | 4518 |
| 25 | 3834 | 3908 | 3978 | 4046 | 4111 | 4173 | 4232 | 4285 | 4334 | 4380 | 4423 | 4463 | 4500 | 4537 | 4571 | 4602 | 4631 | 4657 | 4679 |
| 30 | 3904 | 3991 | 4074 | 4153 | 4229 | 4300 | 4366 | 4425 | 4479 | 4528 | 4573 | 4614 | 4650 | 4684 | 4715 | 4741 | 4764 | 4784 | 4799 |
| 35 | 3962 | 4063 | 4158 | 4249 | 4335 | 4414 | 4488 | 4552 | 4609 | 4661 | 4706 | 4746 | 4780 | 4810 | 4835 | 4854 | 4870 | 4880 | 4887 |
| 40 | 4002 | 4117 | 4227 | 4331 | 4427 | 4517 | 4598 | 4667 | 4728 | 4781 | 4826 | 4864 | 4895 | 4919 | 4936 | 4947 | 4953 | 4954 | 4949 |
| 45 | 4023 | 4157 | 4283 | 4401 | 4510 | 4611 | 4701 | 4775 | 4838 | 4892 | 4936 | 4970 | 4997 | 5015 | 5025 | 5029 | 5025 | 5015 | 4999 |
| 50 | 4038 | 4192 | 4337 | 4472 | 4596 | 4709 | 4809 | 4888 | 4954 | 5009 | 5051 | 5083 | 5104 | 5116 | 5119 | 5114 | 5099 | 5075 | 5044 |
| 55 | 4060 | 4240 | 4408 | 4563 | 4705 | 4832 | 4943 | 5031 | 5103 | 5160 | 5202 | 5230 | 5244 | 5247 | 5238 | 5215 | 5179 | 5130 | 5069 |
| 60 | 4091 | 4308 | 4508 | 4690 | 4855 | 5001 | 5128 | 5229 | 5309 | 5369 | 5409 | 5428 | 5427 | 5410 | 5373 | 5314 | 5234 | 5132 | 5008 |
| 65 | 4115 | 4385 | 4631 | 4855 | 5053 | 5226 | 5373 | 5497 | 5592 | 5656 | 5687 | 5684 | 5645 | 5560 | 5437 | 5277 | 5078 | 4840 | 4564 |
| 70 | 4258 | 4615 | 4934 | 5215 | 5455 | 5655 | 5812 | 5955 | 6049 | 6087 | 6063 | 5973 | 5810 | 5439 | 5004 | 4522 | 4009 | 3481 | 2954 |
| 75 | 3436 | 3712 | 3946 | 4137 | 4284 | 4387 | 4447 | 4480 | 4466 | 4403 | 4286 | 4115 | 3884 | 3458 | 2990 | 2499 | 2005 | 1529 | 1091 |
| 80 | 1319 | 1302 | 1272 | 1232 | 1187 | 1138 | 1089 | 1082 | 1075 | 1066 | 1051 | 1027 | 992 | 897 | 792 | 681 | 569 | 462 | 363 |
| 85 | 168 | 159 | 151 | 144 | 139 | 137 | 139 | 161 | 185 | 209 | 232 | 251 | 264 | 248 | 225 | 199 | 170 | 141 | 113 |
| 90 | 1.86 | 1.61 | 1.39 | 1.22 | 1.09 | 0.98 | 0.90 | 0.81 | 0.74 | 0.67 | 0.62 | 0.58 | 0.54 | 0.49 | 0.44 | 0.40 | 0.37 | 0.33 | 0.30 |
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C Range: 0 - 360DEG γ Range: 0 - 90DEG
C Interval: 2.5DEG γ Interval: 0.5DEG
Test Speed: HIGH Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.446
Temperature: 25.3°C Humidity: 65.0%
Operators: LYJ Test Distance: 26.000m [K=0.0446]
Test Date: 2022-05-04 Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINOUS DISTRIBUTION INTENSITY DATA

Table--2

UNIT: cd

| γ (DEG) \ C (DEG) | 47.5 | 50 | 52.5 | 55 | 57.5 | 60 | 62.5 | 65 | 67.5 | 70 | 72.5 | 75 | 77.5 | 80 | 82.5 | 85 | 87.5 | 90 | 92.5 |
|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 0 | 3590 | 3590 | 3590 | 3590 | 3590 | 3590 | 3590 | 3590 | 3590 | 3590 | 3590 | 3590 | 3590 | 3590 | 3590 | 3590 | 3590 | 3590 | 3590 |
| 5 | 3858 | 3867 | 3875 | 3883 | 3891 | 3898 | 3905 | 3912 | 3918 | 3924 | 3929 | 3933 | 3936 | 3937 | 3938 | 3939 | 3939 | 3939 | 3939 |
| 10 | 4113 | 4127 | 4139 | 4151 | 4162 | 4173 | 4185 | 4197 | 4208 | 4218 | 4227 | 4234 | 4238 | 4240 | 4241 | 4241 | 4241 | 4240 | 4241 |
| 15 | 4342 | 4359 | 4374 | 4388 | 4401 | 4414 | 4428 | 4441 | 4454 | 4465 | 4475 | 4483 | 4487 | 4489 | 4490 | 4489 | 4488 | 4487 | 4488 |
| 20 | 4537 | 4554 | 4569 | 4582 | 4594 | 4605 | 4619 | 4632 | 4643 | 4654 | 4663 | 4670 | 4673 | 4673 | 4673 | 4672 | 4670 | 4668 | 4670 |
| 25 | 4695 | 4708 | 4719 | 4728 | 4735 | 4741 | 4750 | 4759 | 4766 | 4773 | 4778 | 4782 | 4781 | 4779 | 4776 | 4773 | 4770 | 4767 | 4770 |
| 30 | 4808 | 4813 | 4816 | 4816 | 4816 | 4815 | 4818 | 4821 | 4823 | 4825 | 4826 | 4826 | 4821 | 4816 | 4810 | 4805 | 4800 | 4796 | 4800 |
| 35 | 4885 | 4881 | 4873 | 4864 | 4854 | 4843 | 4839 | 4834 | 4831 | 4827 | 4823 | 4818 | 4809 | 4801 | 4793 | 4785 | 4779 | 4775 | 4779 |
| 40 | 4937 | 4922 | 4903 | 4883 | 4862 | 4841 | 4827 | 4813 | 4800 | 4787 | 4775 | 4763 | 4749 | 4735 | 4723 | 4712 | 4705 | 4700 | 4705 |
| 45 | 4975 | 4946 | 4913 | 4879 | 4842 | 4806 | 4774 | 4742 | 4712 | 4683 | 4655 | 4628 | 4601 | 4576 | 4555 | 4537 | 4525 | 4517 | 4525 |
| 50 | 5000 | 4949 | 4894 | 4833 | 4770 | 4705 | 4640 | 4575 | 4511 | 4449 | 4389 | 4333 | 4281 | 4234 | 4195 | 4163 | 4141 | 4129 | 4141 |
| 55 | 4984 | 4889 | 4785 | 4673 | 4557 | 4437 | 4313 | 4190 | 4068 | 3950 | 3838 | 3734 | 3642 | 3562 | 3494 | 3442 | 3406 | 3387 | 3406 |
| 60 | 4839 | 4650 | 4446 | 4228 | 4001 | 3767 | 3522 | 3278 | 3037 | 2806 | 2588 | 2389 | 2231 | 2097 | 1989 | 1908 | 1856 | 1833 | 1856 |
| 65 | 4178 | 3767 | 3342 | 2916 | 2501 | 2109 | 1827 | 1578 | 1361 | 1175 | 1019 | 892 | 805 | 744 | 706 | 687 | 685 | 697 | 685 |
| 70 | 2506 | 2084 | 1692 | 1337 | 1023 | 757 | 622 | 532 | 480 | 457 | 456 | 470 | 451 | 437 | 429 | 425 | 425 | 428 | 425 |
| 75 | 870 | 701 | 577 | 491 | 434 | 401 | 356 | 324 | 304 | 293 | 288 | 288 | 276 | 267 | 259 | 254 | 251 | 250 | 251 |
| 80 | 318 | 285 | 262 | 247 | 237 | 230 | 213 | 197 | 183 | 170 | 159 | 150 | 143 | 137 | 133 | 131 | 129 | 129 | 129 |
| 85 | 102 | 93.3 | 87.2 | 83.0 | 80.0 | 77.8 | 72.9 | 68.3 | 64.0 | 60.0 | 56.4 | 53.1 | 50.1 | 47.5 | 45.4 | 43.8 | 42.7 | 42.2 | 42.7 |
| 90 | 0.28 | 0.26 | 0.25 | 0.23 | 0.22 | 0.21 | 0.21 | 0.20 | 0.20 | 0.19 | 0.19 | 0.19 | 0.18 | 0.18 | 0.18 | 0.18 | 0.18 | 0.18 | 0.18 |
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C Range: 0 - 360DEG
 C Interval: 2.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:LYJ
 Test Date:2022-05-04

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.446
 Humidity:65.0%
 Test Distance:26.000m [K=0.0446]
 Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINOUS DISTRIBUTION INTENSITY DATA

Table--3

UNIT: cd

| C (DEG) \ γ (DEG) | 95 | 97.5 | 100 | 102.5 | 105 | 107.5 | 110 | 112.5 | 115 | 117.5 | 120 | 122.5 | 125 | 127.5 | 130 | 132.5 | 135 | 137.5 | 140 | |
|-------------------|------|------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|------|
| 0 | 3590 | 3590 | 3590 | 3590 | 3590 | 3590 | 3590 | 3590 | 3590 | 3590 | 3590 | 3590 | 3590 | 3590 | 3590 | 3590 | 3590 | 3590 | 3590 | 3590 |
| 5 | 3939 | 3938 | 3937 | 3936 | 3933 | 3929 | 3924 | 3918 | 3912 | 3905 | 3898 | 3891 | 3883 | 3875 | 3867 | 3858 | 3849 | 3839 | 3829 | 3829 |
| 10 | 4241 | 4241 | 4240 | 4238 | 4234 | 4227 | 4218 | 4208 | 4197 | 4185 | 4173 | 4162 | 4151 | 4139 | 4127 | 4113 | 4097 | 4078 | 4058 | 4058 |
| 15 | 4489 | 4490 | 4489 | 4487 | 4483 | 4475 | 4465 | 4454 | 4441 | 4428 | 4414 | 4401 | 4388 | 4374 | 4359 | 4342 | 4322 | 4298 | 4272 | 4272 |
| 20 | 4672 | 4673 | 4673 | 4673 | 4670 | 4663 | 4654 | 4643 | 4632 | 4619 | 4605 | 4594 | 4582 | 4569 | 4554 | 4537 | 4518 | 4493 | 4465 | 4465 |
| 25 | 4773 | 4776 | 4779 | 4781 | 4782 | 4778 | 4773 | 4766 | 4759 | 4750 | 4741 | 4735 | 4728 | 4719 | 4708 | 4695 | 4679 | 4657 | 4631 | 4631 |
| 30 | 4805 | 4810 | 4816 | 4821 | 4826 | 4826 | 4825 | 4823 | 4821 | 4818 | 4815 | 4816 | 4816 | 4816 | 4813 | 4808 | 4799 | 4784 | 4764 | 4764 |
| 35 | 4785 | 4793 | 4801 | 4809 | 4818 | 4823 | 4827 | 4831 | 4834 | 4839 | 4843 | 4854 | 4864 | 4873 | 4881 | 4885 | 4887 | 4880 | 4870 | 4870 |
| 40 | 4712 | 4723 | 4735 | 4749 | 4763 | 4775 | 4787 | 4800 | 4813 | 4827 | 4841 | 4862 | 4883 | 4903 | 4922 | 4937 | 4949 | 4954 | 4953 | 4953 |
| 45 | 4537 | 4555 | 4576 | 4601 | 4628 | 4655 | 4683 | 4712 | 4742 | 4774 | 4806 | 4842 | 4879 | 4913 | 4946 | 4975 | 4999 | 5015 | 5025 | 5025 |
| 50 | 4163 | 4195 | 4234 | 4281 | 4333 | 4389 | 4449 | 4511 | 4575 | 4640 | 4705 | 4770 | 4833 | 4894 | 4949 | 5000 | 5044 | 5075 | 5099 | 5099 |
| 55 | 3442 | 3494 | 3562 | 3642 | 3734 | 3838 | 3950 | 4068 | 4190 | 4313 | 4437 | 4557 | 4673 | 4785 | 4889 | 4984 | 5069 | 5130 | 5179 | 5179 |
| 60 | 1908 | 1989 | 2097 | 2231 | 2389 | 2588 | 2806 | 3037 | 3278 | 3522 | 3767 | 4001 | 4228 | 4446 | 4650 | 4839 | 5008 | 5132 | 5234 | 5234 |
| 65 | 687 | 706 | 744 | 805 | 892 | 1019 | 1175 | 1361 | 1578 | 1827 | 2109 | 2501 | 2916 | 3342 | 3767 | 4178 | 4564 | 4840 | 5078 | 5078 |
| 70 | 425 | 429 | 437 | 451 | 470 | 456 | 457 | 480 | 532 | 622 | 757 | 1023 | 1337 | 1692 | 2084 | 2506 | 2954 | 3481 | 4009 | 4009 |
| 75 | 254 | 259 | 267 | 276 | 288 | 288 | 293 | 304 | 324 | 356 | 401 | 434 | 491 | 577 | 701 | 870 | 1091 | 1529 | 2005 | 2005 |
| 80 | 131 | 133 | 137 | 143 | 150 | 159 | 170 | 183 | 197 | 213 | 230 | 237 | 247 | 262 | 285 | 318 | 363 | 462 | 569 | 569 |
| 85 | 43.8 | 45.4 | 47.5 | 50.1 | 53.1 | 56.4 | 60.0 | 64.0 | 68.3 | 72.9 | 77.8 | 80.0 | 83.0 | 87.2 | 93.3 | 102 | 113 | 141 | 170 | 170 |
| 90 | 0.18 | 0.18 | 0.18 | 0.18 | 0.19 | 0.19 | 0.19 | 0.20 | 0.20 | 0.21 | 0.21 | 0.22 | 0.23 | 0.25 | 0.26 | 0.28 | 0.30 | 0.33 | 0.37 | 0.37 |
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C Range: 0 - 360DEG
 C Interval: 2.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:LYJ
 Test Date:2022-05-04

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.446
 Humidity:65.0%
 Test Distance:26.000m [K=0.0446]
 Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINOUS DISTRIBUTION INTENSITY DATA

Table--4

UNIT: cd

| C (DEG) \ y (DEG) | 142.5 | 145 | 147.5 | 150 | 152.5 | 155 | 157.5 | 160 | 162.5 | 165 | 167.5 | 170 | 172.5 | 175 | 177.5 | 180 | 182.5 | 185 | 187.5 |
|-------------------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|
| 0 | 3590 | 3590 | 3590 | 3590 | 3590 | 3590 | 3590 | 3590 | 3590 | 3590 | 3590 | 3590 | 3590 | 3590 | 3590 | 3590 | 3590 | 3590 | 3590 |
| 5 | 3817 | 3806 | 3794 | 3781 | 3768 | 3754 | 3740 | 3726 | 3711 | 3695 | 3680 | 3664 | 3649 | 3633 | 3617 | 3601 | 3585 | 3569 | 3554 |
| 10 | 4036 | 4013 | 3990 | 3966 | 3943 | 3919 | 3895 | 3870 | 3844 | 3817 | 3789 | 3759 | 3729 | 3699 | 3667 | 3636 | 3604 | 3573 | 3541 |
| 15 | 4245 | 4216 | 4185 | 4154 | 4124 | 4092 | 4060 | 4026 | 3990 | 3953 | 3913 | 3871 | 3828 | 3783 | 3738 | 3691 | 3644 | 3597 | 3550 |
| 20 | 4435 | 4403 | 4370 | 4334 | 4299 | 4263 | 4224 | 4183 | 4140 | 4095 | 4044 | 3992 | 3937 | 3880 | 3821 | 3760 | 3699 | 3638 | 3575 |
| 25 | 4602 | 4571 | 4537 | 4500 | 4463 | 4423 | 4380 | 4334 | 4285 | 4232 | 4173 | 4111 | 4046 | 3978 | 3908 | 3834 | 3759 | 3683 | 3607 |
| 30 | 4741 | 4715 | 4684 | 4650 | 4614 | 4573 | 4528 | 4479 | 4425 | 4366 | 4300 | 4229 | 4153 | 4074 | 3991 | 3904 | 3815 | 3725 | 3634 |
| 35 | 4854 | 4835 | 4810 | 4780 | 4746 | 4706 | 4661 | 4609 | 4552 | 4488 | 4414 | 4335 | 4249 | 4158 | 4063 | 3962 | 3859 | 3755 | 3650 |
| 40 | 4947 | 4936 | 4919 | 4895 | 4864 | 4826 | 4781 | 4728 | 4667 | 4598 | 4517 | 4427 | 4331 | 4227 | 4117 | 4002 | 3885 | 3767 | 3648 |
| 45 | 5029 | 5025 | 5015 | 4997 | 4970 | 4936 | 4892 | 4838 | 4775 | 4701 | 4611 | 4510 | 4401 | 4283 | 4157 | 4023 | 3894 | 3763 | 3631 |
| 50 | 5114 | 5119 | 5116 | 5104 | 5083 | 5051 | 5009 | 4954 | 4888 | 4809 | 4709 | 4596 | 4472 | 4337 | 4192 | 4038 | 3892 | 3743 | 3591 |
| 55 | 5215 | 5238 | 5247 | 5244 | 5230 | 5202 | 5160 | 5103 | 5031 | 4943 | 4832 | 4705 | 4563 | 4408 | 4240 | 4060 | 3882 | 3700 | 3513 |
| 60 | 5314 | 5373 | 5410 | 5427 | 5428 | 5409 | 5369 | 5309 | 5229 | 5128 | 5001 | 4855 | 4690 | 4508 | 4308 | 4091 | 3860 | 3624 | 3384 |
| 65 | 5277 | 5437 | 5560 | 5645 | 5684 | 5687 | 5656 | 5592 | 5497 | 5373 | 5226 | 5053 | 4855 | 4631 | 4385 | 4115 | 3798 | 3481 | 3165 |
| 70 | 4522 | 5004 | 5439 | 5810 | 5973 | 6063 | 6087 | 6049 | 5955 | 5812 | 5655 | 5455 | 5215 | 4934 | 4615 | 4258 | 3799 | 3349 | 2913 |
| 75 | 2499 | 2990 | 3458 | 3884 | 4115 | 4286 | 4403 | 4466 | 4480 | 4447 | 4387 | 4284 | 4137 | 3946 | 3712 | 3436 | 2966 | 2508 | 2070 |
| 80 | 681 | 792 | 897 | 992 | 1027 | 1051 | 1066 | 1075 | 1082 | 1089 | 1138 | 1187 | 1232 | 1272 | 1302 | 1319 | 1144 | 966 | 791 |
| 85 | 199 | 225 | 248 | 264 | 251 | 232 | 209 | 185 | 161 | 139 | 137 | 139 | 144 | 151 | 159 | 168 | 168 | 165 | 161 |
| 90 | 0.40 | 0.44 | 0.49 | 0.54 | 0.58 | 0.62 | 0.67 | 0.74 | 0.81 | 0.90 | 0.98 | 1.09 | 1.22 | 1.39 | 1.61 | 1.86 | 2.45 | 3.06 | 3.65 |
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C Range: 0 - 360DEG
C Interval: 2.5DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:LYJ
Test Date:2022-05-04

y Range: 0 - 90DEG
y Interval: 0.5DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.446
Humidity:65.0%
Test Distance:26.000m [K=0.0446]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINOUS DISTRIBUTION INTENSITY DATA

Table--5

UNIT: cd

| C (DEG) \ γ (DEG) | 190 | 192.5 | 195 | 197.5 | 200 | 202.5 | 205 | 207.5 | 210 | 212.5 | 215 | 217.5 | 220 | 222.5 | 225 | 227.5 | 230 | 232.5 | 235 |
|--------------------------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|
| 0 | 3590 | 3590 | 3590 | 3590 | 3590 | 3590 | 3590 | 3590 | 3590 | 3590 | 3590 | 3590 | 3590 | 3590 | 3590 | 3590 | 3590 | 3590 | 3590 |
| 5 | 3538 | 3522 | 3507 | 3490 | 3475 | 3459 | 3443 | 3428 | 3413 | 3399 | 3385 | 3371 | 3358 | 3346 | 3333 | 3321 | 3310 | 3299 | 3288 |
| 10 | 3509 | 3477 | 3445 | 3413 | 3380 | 3348 | 3316 | 3285 | 3254 | 3224 | 3194 | 3165 | 3137 | 3110 | 3084 | 3059 | 3035 | 3012 | 2990 |
| 15 | 3503 | 3455 | 3406 | 3357 | 3308 | 3259 | 3211 | 3163 | 3116 | 3070 | 3025 | 2981 | 2938 | 2897 | 2857 | 2818 | 2781 | 2746 | 2712 |
| 20 | 3512 | 3449 | 3385 | 3320 | 3255 | 3190 | 3126 | 3062 | 3000 | 2939 | 2880 | 2822 | 2766 | 2711 | 2658 | 2608 | 2559 | 2513 | 2470 |
| 25 | 3529 | 3451 | 3373 | 3293 | 3213 | 3134 | 3055 | 2978 | 2903 | 2830 | 2759 | 2690 | 2623 | 2558 | 2495 | 2434 | 2377 | 2322 | 2270 |
| 30 | 3543 | 3451 | 3359 | 3266 | 3174 | 3082 | 2992 | 2904 | 2817 | 2735 | 2655 | 2576 | 2500 | 2427 | 2356 | 2286 | 2219 | 2156 | 2095 |
| 35 | 3545 | 3439 | 3335 | 3231 | 3128 | 3027 | 2927 | 2829 | 2733 | 2641 | 2550 | 2461 | 2375 | 2291 | 2209 | 2127 | 2048 | 1973 | 1901 |
| 40 | 3530 | 3411 | 3294 | 3178 | 3064 | 2952 | 2841 | 2731 | 2623 | 2515 | 2408 | 2303 | 2200 | 2100 | 2002 | 1908 | 1817 | 1730 | 1648 |
| 45 | 3497 | 3364 | 3229 | 3096 | 2962 | 2830 | 2699 | 2569 | 2440 | 2311 | 2183 | 2059 | 1937 | 1819 | 1706 | 1600 | 1500 | 1406 | 1318 |
| 50 | 3437 | 3281 | 3123 | 2960 | 2797 | 2635 | 2474 | 2315 | 2159 | 2003 | 1852 | 1706 | 1567 | 1436 | 1314 | 1211 | 1118 | 1035 | 962 |
| 55 | 3323 | 3130 | 2935 | 2731 | 2526 | 2324 | 2127 | 1935 | 1752 | 1583 | 1424 | 1276 | 1141 | 1019 | 911 | 834 | 771 | 721 | 682 |
| 60 | 3142 | 2898 | 2654 | 2398 | 2147 | 1903 | 1672 | 1455 | 1257 | 1105 | 974 | 861 | 766 | 687 | 625 | 582 | 552 | 533 | 523 |
| 65 | 2854 | 2549 | 2253 | 1962 | 1686 | 1428 | 1192 | 982 | 799 | 689 | 606 | 547 | 508 | 484 | 472 | 453 | 441 | 435 | 433 |
| 70 | 2497 | 2105 | 1743 | 1448 | 1188 | 963 | 771 | 612 | 486 | 415 | 372 | 350 | 346 | 354 | 371 | 364 | 360 | 359 | 359 |
| 75 | 1658 | 1283 | 951 | 751 | 598 | 485 | 406 | 355 | 326 | 294 | 275 | 267 | 268 | 275 | 285 | 284 | 283 | 284 | 285 |
| 80 | 623 | 468 | 333 | 273 | 234 | 213 | 204 | 206 | 215 | 207 | 202 | 200 | 198 | 198 | 199 | 198 | 197 | 197 | 197 |
| 85 | 155 | 147 | 139 | 129 | 119 | 109 | 98.8 | 90.0 | 82.4 | 79.8 | 78.5 | 78.5 | 79.4 | 81.1 | 83.3 | 84.7 | 86.4 | 88.5 | 90.9 |
| 90 | 4.22 | 4.72 | 5.14 | 5.24 | 5.24 | 5.16 | 5.01 | 4.81 | 4.56 | 4.34 | 4.10 | 3.84 | 3.56 | 3.28 | 2.99 | 2.70 | 2.41 | 2.14 | 1.87 |
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C Range: 0 - 360DEG
C Interval: 2.5DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:LYJ
Test Date:2022-05-04

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.446
Humidity:65.0%
Test Distance:26.000m [K=0.0446]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINOUS DISTRIBUTION INTENSITY DATA

Table--6

UNIT: cd

| γ (DEG) \ C (DEG) | 237.5 | 240 | 242.5 | 245 | 247.5 | 250 | 252.5 | 255 | 257.5 | 260 | 262.5 | 265 | 267.5 | 270 | 272.5 | 275 | 277.5 | 280 | 282.5 |
|-------------------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|
| 0 | 3590 | 3590 | 3590 | 3590 | 3590 | 3590 | 3590 | 3590 | 3590 | 3590 | 3590 | 3590 | 3590 | 3590 | 3590 | 3590 | 3590 | 3590 | 3590 |
| 5 | 3278 | 3269 | 3261 | 3253 | 3246 | 3240 | 3234 | 3229 | 3225 | 3221 | 3219 | 3217 | 3215 | 3215 | 3215 | 3217 | 3219 | 3221 | 3225 |
| 10 | 2970 | 2951 | 2933 | 2916 | 2901 | 2887 | 2875 | 2864 | 2855 | 2848 | 2843 | 2839 | 2837 | 2836 | 2837 | 2839 | 2843 | 2848 | 2855 |
| 15 | 2681 | 2651 | 2625 | 2600 | 2577 | 2557 | 2539 | 2523 | 2509 | 2498 | 2489 | 2483 | 2479 | 2477 | 2479 | 2483 | 2489 | 2498 | 2509 |
| 20 | 2429 | 2390 | 2355 | 2323 | 2294 | 2267 | 2243 | 2223 | 2205 | 2190 | 2179 | 2171 | 2166 | 2164 | 2166 | 2171 | 2179 | 2190 | 2205 |
| 25 | 2221 | 2175 | 2133 | 2094 | 2059 | 2027 | 1999 | 1974 | 1952 | 1934 | 1921 | 1910 | 1904 | 1902 | 1904 | 1910 | 1921 | 1934 | 1952 |
| 30 | 2038 | 1984 | 1935 | 1889 | 1847 | 1808 | 1774 | 1744 | 1717 | 1696 | 1679 | 1666 | 1658 | 1655 | 1658 | 1666 | 1679 | 1696 | 1717 |
| 35 | 1833 | 1770 | 1712 | 1658 | 1609 | 1564 | 1525 | 1490 | 1461 | 1436 | 1417 | 1404 | 1395 | 1392 | 1395 | 1404 | 1417 | 1436 | 1461 |
| 40 | 1572 | 1500 | 1436 | 1378 | 1325 | 1277 | 1235 | 1199 | 1170 | 1146 | 1127 | 1114 | 1107 | 1105 | 1107 | 1114 | 1127 | 1146 | 1170 |
| 45 | 1238 | 1166 | 1106 | 1053 | 1007 | 967 | 934 | 906 | 883 | 866 | 853 | 845 | 840 | 840 | 840 | 845 | 853 | 866 | 883 |
| 50 | 899 | 844 | 803 | 770 | 743 | 723 | 707 | 697 | 686 | 678 | 673 | 670 | 670 | 671 | 670 | 670 | 673 | 678 | 686 |
| 55 | 653 | 632 | 613 | 601 | 593 | 589 | 587 | 588 | 586 | 585 | 585 | 586 | 587 | 588 | 587 | 586 | 585 | 585 | 586 |
| 60 | 519 | 521 | 516 | 514 | 515 | 516 | 519 | 523 | 525 | 527 | 530 | 532 | 534 | 535 | 534 | 532 | 530 | 527 | 525 |
| 65 | 436 | 441 | 443 | 445 | 449 | 454 | 458 | 464 | 468 | 473 | 477 | 481 | 484 | 485 | 484 | 481 | 477 | 473 | 468 |
| 70 | 362 | 366 | 370 | 376 | 382 | 388 | 395 | 401 | 407 | 412 | 417 | 421 | 423 | 425 | 423 | 421 | 417 | 412 | 407 |
| 75 | 287 | 289 | 292 | 295 | 298 | 301 | 305 | 308 | 313 | 318 | 322 | 326 | 329 | 331 | 329 | 326 | 322 | 318 | 313 |
| 80 | 197 | 199 | 203 | 207 | 211 | 216 | 222 | 227 | 232 | 237 | 241 | 245 | 248 | 250 | 248 | 245 | 241 | 237 | 232 |
| 85 | 93.7 | 96.9 | 102 | 107 | 112 | 117 | 121 | 124 | 123 | 122 | 120 | 117 | 115 | 113 | 115 | 117 | 120 | 122 | 123 |
| 90 | 1.61 | 1.38 | 1.18 | 0.99 | 0.83 | 0.69 | 0.57 | 0.47 | 0.41 | 0.37 | 0.34 | 0.33 | 0.34 | 0.35 | 0.34 | 0.33 | 0.34 | 0.37 | 0.41 |
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|----------------------|---------------------------------------------------|
| C Range: 0 - 360DEG | γ Range: 0 - 90DEG |
| C Interval: 2.5DEG | γ Interval: 0.5DEG |
| Test Speed: HIGH | Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.446 |
| Temperature:25.3°C | Humidity:65.0% |
| Operators:LYJ | Test Distance:26.000m [K=0.0446] |
| Test Date:2022-05-04 | Remarks: |

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINOUS DISTRIBUTION INTENSITY DATA

Table--7

UNIT: cd

| C (DEG)\ γ (DEG) | 285 | 287.5 | 290 | 292.5 | 295 | 297.5 | 300 | 302.5 | 305 | 307.5 | 310 | 312.5 | 315 | 317.5 | 320 | 322.5 | 325 | 327.5 | 330 |
|---------------------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|
| 0 | 3590 | 3590 | 3590 | 3590 | 3590 | 3590 | 3590 | 3590 | 3590 | 3590 | 3590 | 3590 | 3590 | 3590 | 3590 | 3590 | 3590 | 3590 | 3590 |
| 5 | 3229 | 3234 | 3240 | 3246 | 3253 | 3261 | 3269 | 3278 | 3288 | 3299 | 3310 | 3321 | 3333 | 3346 | 3358 | 3371 | 3385 | 3399 | 3413 |
| 10 | 2864 | 2875 | 2887 | 2901 | 2916 | 2933 | 2951 | 2970 | 2990 | 3012 | 3035 | 3059 | 3084 | 3110 | 3137 | 3165 | 3194 | 3224 | 3254 |
| 15 | 2523 | 2539 | 2557 | 2577 | 2600 | 2625 | 2651 | 2681 | 2712 | 2746 | 2781 | 2818 | 2857 | 2897 | 2938 | 2981 | 3025 | 3070 | 3116 |
| 20 | 2223 | 2243 | 2267 | 2294 | 2323 | 2355 | 2390 | 2429 | 2470 | 2513 | 2559 | 2608 | 2658 | 2711 | 2766 | 2822 | 2880 | 2939 | 3000 |
| 25 | 1974 | 1999 | 2027 | 2059 | 2094 | 2133 | 2175 | 2221 | 2270 | 2322 | 2377 | 2434 | 2495 | 2558 | 2623 | 2690 | 2759 | 2830 | 2903 |
| 30 | 1744 | 1774 | 1808 | 1847 | 1889 | 1935 | 1984 | 2038 | 2095 | 2156 | 2219 | 2286 | 2356 | 2427 | 2500 | 2576 | 2655 | 2735 | 2817 |
| 35 | 1490 | 1525 | 1564 | 1609 | 1658 | 1712 | 1770 | 1833 | 1901 | 1973 | 2048 | 2127 | 2209 | 2291 | 2375 | 2461 | 2550 | 2641 | 2733 |
| 40 | 1199 | 1235 | 1277 | 1325 | 1378 | 1436 | 1500 | 1572 | 1648 | 1730 | 1817 | 1908 | 2002 | 2100 | 2200 | 2303 | 2408 | 2515 | 2623 |
| 45 | 906 | 934 | 967 | 1007 | 1053 | 1106 | 1166 | 1238 | 1318 | 1406 | 1500 | 1600 | 1706 | 1819 | 1937 | 2059 | 2183 | 2311 | 2440 |
| 50 | 697 | 707 | 723 | 743 | 770 | 803 | 844 | 899 | 962 | 1035 | 1118 | 1211 | 1314 | 1436 | 1567 | 1706 | 1852 | 2003 | 2159 |
| 55 | 588 | 587 | 589 | 593 | 601 | 613 | 632 | 653 | 682 | 721 | 771 | 834 | 911 | 1019 | 1141 | 1276 | 1424 | 1583 | 1752 |
| 60 | 523 | 519 | 516 | 515 | 514 | 516 | 521 | 519 | 523 | 533 | 552 | 582 | 625 | 687 | 766 | 861 | 974 | 1105 | 1257 |
| 65 | 464 | 458 | 454 | 449 | 445 | 443 | 441 | 436 | 433 | 435 | 441 | 453 | 472 | 484 | 508 | 547 | 606 | 689 | 799 |
| 70 | 401 | 395 | 388 | 382 | 376 | 370 | 366 | 362 | 359 | 359 | 360 | 364 | 371 | 354 | 346 | 350 | 372 | 415 | 486 |
| 75 | 308 | 305 | 301 | 298 | 295 | 292 | 289 | 287 | 285 | 284 | 283 | 284 | 285 | 275 | 268 | 267 | 275 | 294 | 326 |
| 80 | 227 | 222 | 216 | 211 | 207 | 203 | 199 | 197 | 197 | 197 | 197 | 198 | 199 | 198 | 198 | 200 | 202 | 207 | 215 |
| 85 | 124 | 121 | 117 | 112 | 107 | 102 | 96.9 | 93.7 | 90.9 | 88.5 | 86.4 | 84.7 | 83.3 | 81.1 | 79.4 | 78.5 | 78.5 | 79.8 | 82.4 |
| 90 | 0.47 | 0.57 | 0.69 | 0.83 | 0.99 | 1.18 | 1.38 | 1.61 | 1.87 | 2.14 | 2.41 | 2.70 | 2.99 | 3.28 | 3.56 | 3.84 | 4.10 | 4.34 | 4.56 |
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C Range: 0 - 360DEG
C Interval: 2.5DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:LYJ
Test Date:2022-05-04

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.446
Humidity:65.0%
Test Distance:26.000m [K=0.0446]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINOUS DISTRIBUTION INTENSITY DATA

Table--8

UNIT: cd

| γ (DEG) \ C (DEG) | 332.5 | 335 | 337.5 | 340 | 342.5 | 345 | 347.5 | 350 | 352.5 | 355 | 357.5 | | | | | | | | |
|-------------------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|--|--|--|--|--|--|--|--|
| 0 | 3590 | 3590 | 3590 | 3590 | 3590 | 3590 | 3590 | 3590 | 3590 | 3590 | 3590 | | | | | | | | |
| 5 | 3428 | 3443 | 3459 | 3475 | 3490 | 3507 | 3522 | 3538 | 3554 | 3569 | 3585 | | | | | | | | |
| 10 | 3285 | 3316 | 3348 | 3380 | 3413 | 3445 | 3477 | 3509 | 3541 | 3573 | 3604 | | | | | | | | |
| 15 | 3163 | 3211 | 3259 | 3308 | 3357 | 3406 | 3455 | 3503 | 3550 | 3597 | 3644 | | | | | | | | |
| 20 | 3062 | 3126 | 3190 | 3255 | 3320 | 3385 | 3449 | 3512 | 3575 | 3638 | 3699 | | | | | | | | |
| 25 | 2978 | 3055 | 3134 | 3213 | 3293 | 3373 | 3451 | 3529 | 3607 | 3683 | 3759 | | | | | | | | |
| 30 | 2904 | 2992 | 3082 | 3174 | 3266 | 3359 | 3451 | 3543 | 3634 | 3725 | 3815 | | | | | | | | |
| 35 | 2829 | 2927 | 3027 | 3128 | 3231 | 3335 | 3439 | 3545 | 3650 | 3755 | 3859 | | | | | | | | |
| 40 | 2731 | 2841 | 2952 | 3064 | 3178 | 3294 | 3411 | 3530 | 3648 | 3767 | 3885 | | | | | | | | |
| 45 | 2569 | 2699 | 2830 | 2962 | 3096 | 3229 | 3364 | 3497 | 3631 | 3763 | 3894 | | | | | | | | |
| 50 | 2315 | 2474 | 2635 | 2797 | 2960 | 3123 | 3281 | 3437 | 3591 | 3743 | 3892 | | | | | | | | |
| 55 | 1935 | 2127 | 2324 | 2526 | 2731 | 2935 | 3130 | 3323 | 3513 | 3700 | 3882 | | | | | | | | |
| 60 | 1455 | 1672 | 1903 | 2147 | 2398 | 2654 | 2898 | 3142 | 3384 | 3624 | 3860 | | | | | | | | |
| 65 | 982 | 1192 | 1428 | 1686 | 1962 | 2253 | 2549 | 2854 | 3165 | 3481 | 3798 | | | | | | | | |
| 70 | 612 | 771 | 963 | 1188 | 1448 | 1743 | 2105 | 2497 | 2913 | 3349 | 3799 | | | | | | | | |
| 75 | 355 | 406 | 485 | 598 | 751 | 951 | 1283 | 1658 | 2070 | 2508 | 2966 | | | | | | | | |
| 80 | 206 | 204 | 213 | 234 | 273 | 333 | 468 | 623 | 791 | 966 | 1144 | | | | | | | | |
| 85 | 90.0 | 98.8 | 109 | 119 | 129 | 139 | 147 | 155 | 161 | 165 | 168 | | | | | | | | |
| 90 | 4.81 | 5.01 | 5.16 | 5.24 | 5.24 | 5.14 | 4.72 | 4.22 | 3.65 | 3.06 | 2.45 | | | | | | | | |
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C Range: 0 - 360DEG γ Range: 0 - 90DEG
 C Interval: 2.5DEG γ Interval: 0.5DEG
 Test Speed: HIGH Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.446
 Temperature:25.3°C Humidity:65.0%
 Operators:LYJ Test Distance:26.000m [K=0.0446]
 Test Date:2022-05-04 Remarks: