

LUMINARIA LED

MARCA DRITE, TIPO SPOT 3 VIAS DE LED, REF: LSL200, 30 W  
CCT: 4000K, COLOR NEGRO  
100-240 V, 50-60 Hz, 3000 Lm, IRC (Ra) 90%, PF: 0.9  
50000Hrs, 1 LED COB, C.F:040522LS



|                     |         |                          |
|---------------------|---------|--------------------------|
| Light Output Ratio: | 100.0%  |                          |
| Luminaire Power:    | 29.83 W |                          |
| SHR Nominal:        | 0.00    | Calculated using the TM5 |
| SHR Maximum:        | 1.00    | fine grid method.        |

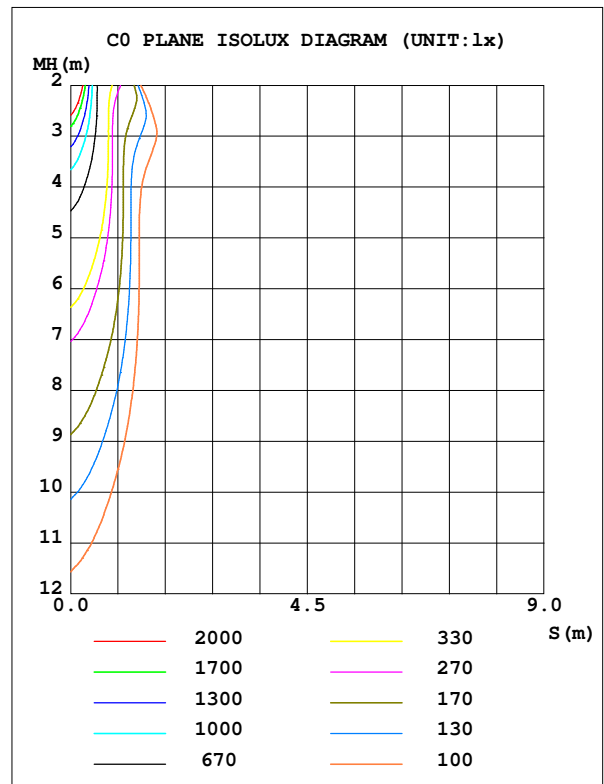
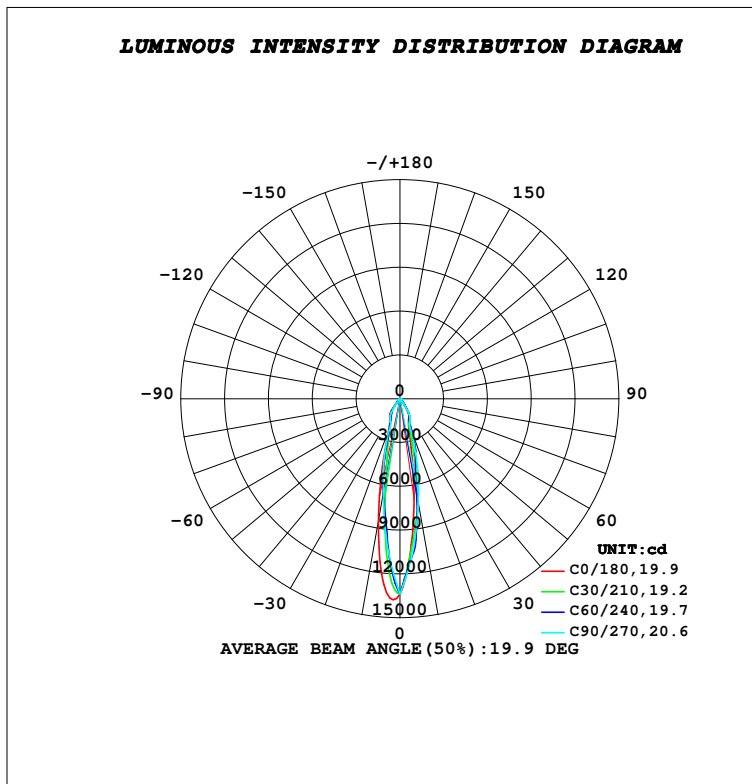
**H(β) Range:-90 - 90DEG**  
**H(β) Interval: 1.0DEG**  
**Test Speed: HIGH**  
**Temperature:25.1DEG**  
**Operators:JAV**  
**Test Date:2023-01-11**

**V(B) Range:-90 - 90DEG**  
**V(B) Interval: 5.0DEG**  
**Test System:EVERFINE GO-2000H\_V1 SYSTEM V2.00.417**  
**Humidity:56.9%**  
**Test Distance:13.200m [K=1.0000]**  
**Remarks: LUMINARIA LED TIPO SPOT 30 W**  
**QTEST 26887-07**

LUMINAIRE PHOTOMETRIC TEST REPORT

|  |               |                    |
|--|---------------|--------------------|
| Test:U:220.47V I:0.1413A P:29.833W PF:0.9574 Freq:60.00Hz Lamp Flux:3222.08x1 lm |               |                    |
| NAME: LUMINARIA LED 30 W   | TYPE:INTERIOR | WEIGHT:NA          |
| SPEC.:NA   | DIM.: NA      | SERIAL No.:NA      |
| MFR.: DRITÈ  | SUR.:NA       | Shielding Angle:NA |

| DATA OF LAMP      |         | PHOTOMETRIC DATA      |        |                     |           | Eff: 108.00 lm/W |
|-------------------|---------|-----------------------|--------|---------------------|-----------|------------------|
| MODEL             | LSL200  | I <sub>max</sub> (cd) | 13775  | S/MH (C0/180)       | 0.28      |                  |
| NOMINAL POWER (W) | 30      | LOR (%)               | 100.0  | S/MH (C90/270)      | 0.33      |                  |
| RATED VOLTAGE (V) | 100-240 | TOTAL FLUX (lm)       | 3222.1 | η UP, DN (C0-180)   | 0.0, 50.7 |                  |
| NOMINAL FLUX (lm) | 3222.08 | CIE CLASS             | DIRECT | η UP, DN (C180-360) | 0.0, 49.3 |                  |
| LAMPS INSIDE      | 1       | η up (%)              | 0.0    | CIBSE SHR NOM       | 0.00      |                  |
| TEST VOLTAGE (V)  | 220     | η down (%)            | 100.0  | CIBSE SHR MAX       | 1.00      |                  |



H(β) Range:-90 - 90DEG  
 H(β) Interval: 1.0DEG  
 Test Speed: HIGH  
 Temperature:25.1DEG  
 Operators:JAV  
 Test Date:2023-01-11

V(B) Range:-90 - 90DEG  
 V(B) Interval: 5.0DEG  
 Test System:EVERFINE GO-2000H\_V1 SYSTEM V2.00.417  
 Humidity:56.9%  
 Test Distance:13.200m [K=1.0000]  
 Remarks: LUMINARIA LED TIPO SPOT 30 W  
 QTEST 26887-07

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

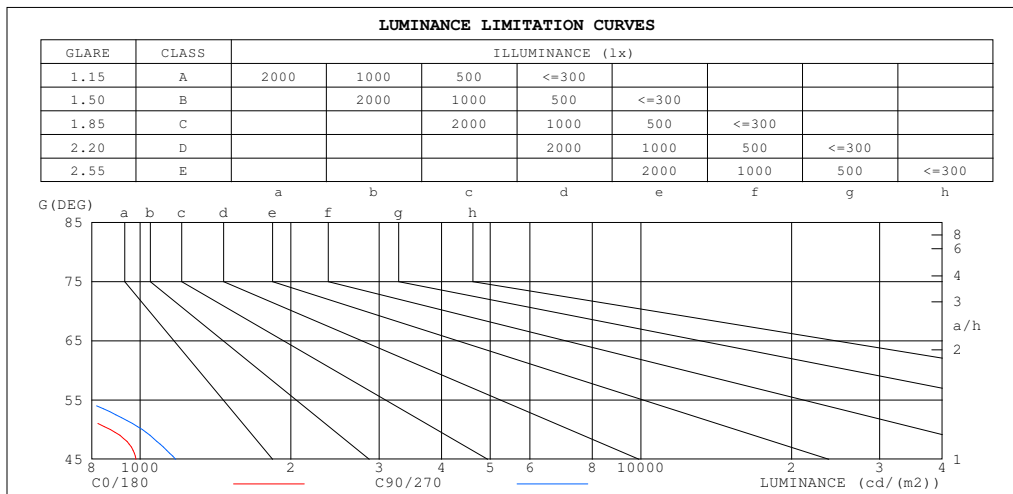
| $\gamma$ | C0                              | C45    | C90    | C135   | C180   | C225   | C270   | C315   | $\gamma$ | $\Phi$ zone | $\Phi$ total | $\Phi$ lum, lamp |
|----------|---------------------------------|--------|--------|--------|--------|--------|--------|--------|----------|-------------|--------------|------------------|
| 10       | 533.2                           | 677.0  | 720.3  | 634.4  | 853.4  | 604.3  | 644.9  | 639.6  | 0- 10    | 863.5       | 863.5        | 26.8,26.8        |
| 20       | 174.6                           | 235.1  | 194.1  | 200.3  | 226.3  | 198.1  | 186.4  | 224.3  | 10- 20   | 1042        | 1905         | 59.1,59.1        |
| 30       | 122.6                           | 126.9  | 134.2  | 121.5  | 142.8  | 120.9  | 132.2  | 122.9  | 20- 30   | 728.1       | 2633         | 81.7,81.7        |
| 40       | 8.288                           | 11.28  | 10.27  | 22.19  | 32.35  | 17.27  | 8.818  | 9.922  | 30- 40   | 461.0       | 3094         | 96,96            |
| 50       | 5.607                           | 6.589  | 6.496  | 6.616  | 6.917  | 6.576  | 6.289  | 5.947  | 40- 50   | 71.18       | 3165         | 98.2,98.2        |
| 60       | 1.373                           | 2.297  | 2.359  | 2.460  | 2.712  | 2.384  | 1.900  | 1.768  | 50- 60   | 38.16       | 3203         | 99.4,99.4        |
| 70       | 0.4186                          | 0.8079 | 0.9478 | 0.8194 | 0.7245 | 0.6002 | 0.5531 | 0.5803 | 60- 70   | 12.47       | 3216         | 99.8,99.8        |
| 80       | 0.0955                          | 0.4212 | 0.4351 | 0.3654 | 0.1145 | 0.1696 | 0.1280 | 0.1623 | 70- 80   | 4.537       | 3220         | 99.9,99.9        |
| 90       | 0                               | 0.1006 | 0.1409 | 0.0974 | 0.0096 | 0      | 0      | 0      | 80- 90   | 1.733       | 3222         | 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: $\mu$ Á10cd |        |        |        |        |        |        |        |          | UNIT: lm    |              |                  |

**H( $\beta$ ) Range:-90 - 90DEG**  
**H( $\beta$ ) Interval: 1.0DEG**  
**Test Speed: HIGH**  
**Temperature:25.1DEG**  
**Operators:JAV**  
**Test Date:2023-01-11**

**V(B) Range:-90 - 90DEG**  
**V(B) Interval: 5.0DEG**  
**Test System:EVERFINE GO-2000H\_V1 SYSTEM V2.00.417**  
**Humidity:56.9%**  
**Test Distance:13.200m [K=1.0000]**  
**Remarks: LUMINARIA LED TIPO SPOT 30 W**  
**QTEST 26887-07**

LUMINANCE LIMITATION CURVES

|  |                |                     |
|--|----------------|---------------------|
| Test:U:220.47V I:0.1413A P:29.833W PF:0.9574 Freq:60.00Hz Lamp Flux:3222.08x1 lm |                |                     |
| NAME: LUMINARIA LED 30 W   | TYPE: INTERIOR | WEIGHT: NA          |
| SPEC.: NA  | DIM.: NA       | SERIAL No.: NA      |
| MFR.: DRITÈ  | SUR.: NA       | Shielding Angle: NA |



| LUMINANCE cd/(m2) |        |         |
|-------------------|--------|---------|
| G (DEG)           | C0/180 | C90/270 |
| 85                | 33     | 328     |
| 80                | 55     | 251     |
| 75                | 49     | 266     |
| 70                | 122    | 277     |
| 65                | 175    | 387     |
| 60                | 275    | 472     |
| 55                | 554    | 765     |
| 50                | 872    | 1011    |
| 45                | 982    | 1177    |

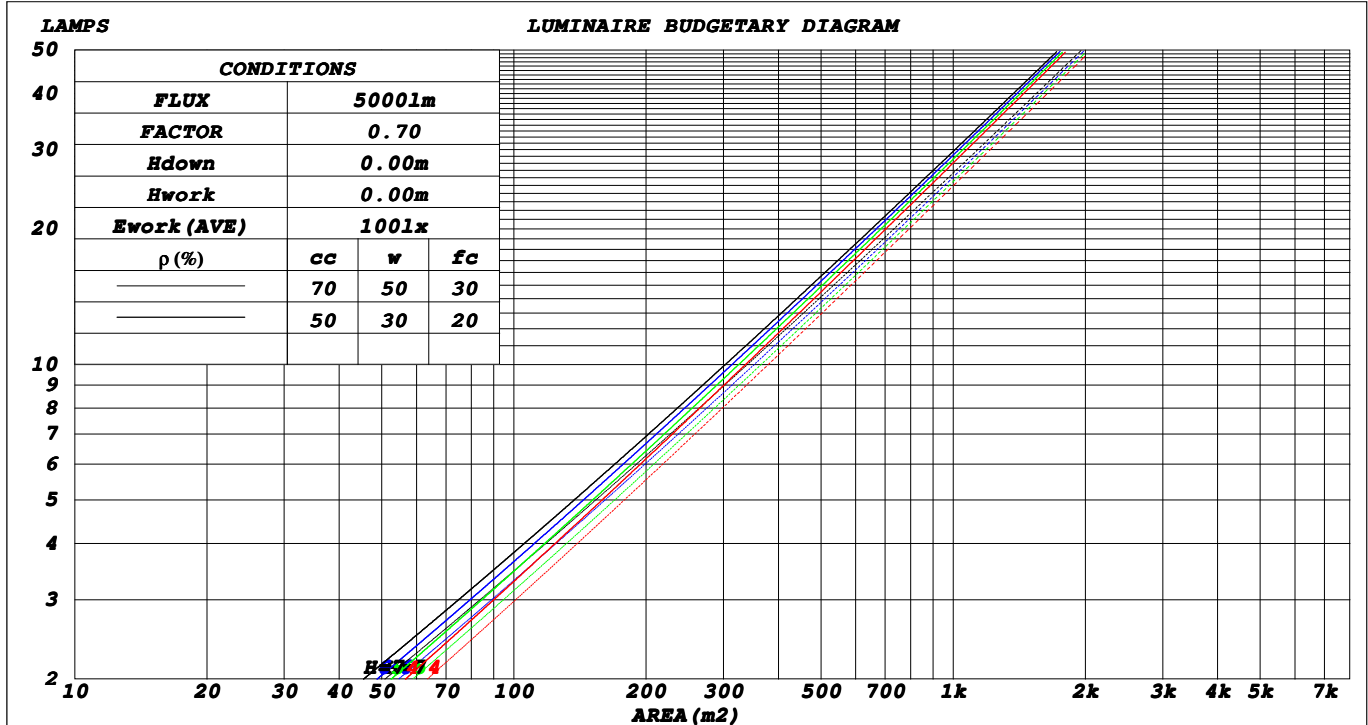
**H(β) Range: -90 - 90DEG**  
**H(β) Interval: 1.0DEG**  
**Test Speed: HIGH**  
**Temperature: 25.1DEG**  
**Operators: JAV**  
**Test Date: 2023-01-11**

**V(B) Range: -90 - 90DEG**  
**V(B) Interval: 5.0DEG**  
**Test System: EVERFINE GO-2000H\_V1 SYSTEM V2.00.417**  
**Humidity: 56.9%**  
**Test Distance: 13.200m [K=1.0000]**  
**Remarks: LUMINARIA LED TIPO SPOT 30 W**  
**QTEST 26887-07**

**CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM**

|  |               |                    |
|--|---------------|--------------------|
| Test:U:220.47V I:0.1413A P:29.833W PF:0.9574 Freq:60.00Hz Lamp Flux:3222.08x1 lm |               |                    |
| NAME: LUMINARIA LED 30 W   | TYPE:INTERIOR | WEIGHT:NA          |
| SPEC.:NA   | DIM.: NA      | SERIAL No.:NA      |
| MFR.: DRITÈ  | SUR.:NA       | Shielding Angle:NA |

| $\rho_{cc}$ | 80%                          |      |      | 70%  |      |      | 50%                                     |      |      | 30%  |      |      | 10%  |      |      | 0   |
|-------------|------------------------------|------|------|------|------|------|---|------|------|------|------|------|------|------|------|-----|
| $\rho_w$    | 50%                          | 30%  | 10%  | 50%  | 30%  | 10%  | 50%                                     | 30%  | 10%  | 50%  | 30%  | 10%  | 50%  | 30%  | 10%  | 0   |
| $\rho_{fc}$ | 20%                          |      |      | 20%  |      |      | 20%                                     |      |      | 20%  |      |      | 20%  |      |      | 0   |
| <b>RCR</b>  | <b>RCR:Room Cavity Ratio</b> |      |      |      |      |      | <b>Coefficients of Utilization (CU)</b> |      |      |      |      |      |      |      |      |     |
| 0.0         | 1.19                         | 1.19 | 1.19 | 1.16 | 1.16 | 1.16 | 1.11                                    | 1.11 | 1.11 | 1.06 | 1.06 | 1.06 | 1.02 | 1.02 | 1.02 | .00 |
| 1.0         | 1.12                         | 1.10 | 1.08 | 1.10 | 1.08 | 1.06 | 1.06                                    | 1.04 | 1.03 | 1.02 | 1.01 | .00  | .99  | .98  | .97  | .95 |
| 2.0         | 1.05                         | 1.02 | .99  | 1.04 | 1.01 | .98  | 1.01                                    | .98  | .96  | .98  | .96  | .94  | .95  | .93  | .92  | .90 |
| 3.0         | .00                          | .95  | .92  | .98  | .94  | .91  | .96                                     | .93  | .90  | .93  | .91  | .89  | .91  | .89  | .87  | .86 |
| 4.0         | .95                          | .90  | .86  | .94  | .89  | .86  | .91                                     | .88  | .85  | .90  | .86  | .84  | .88  | .85  | .83  | .82 |
| 5.0         | .90                          | .85  | .81  | .89  | .85  | .81  | .87                                     | .83  | .80  | .86  | .82  | .80  | .84  | .81  | .79  | .78 |
| 6.0         | .86                          | .81  | .77  | .85  | .80  | .77  | .84                                     | .80  | .77  | .82  | .79  | .76  | .81  | .78  | .76  | .74 |
| 7.0         | .82                          | .77  | .74  | .82  | .77  | .73  | .80                                     | .76  | .73  | .79  | .75  | .73  | .78  | .75  | .72  | .71 |
| 8.0         | .79                          | .74  | .70  | .78  | .74  | .70  | .77                                     | .73  | .70  | .76  | .72  | .70  | .75  | .72  | .69  | .68 |
| 9.0         | .76                          | .71  | .67  | .75  | .71  | .67  | .74                                     | .70  | .67  | .74  | .70  | .67  | .73  | .69  | .67  | .66 |
| 10.0        | .73                          | .68  | .65  | .72  | .68  | .65  | .72                                     | .67  | .65  | .71  | .67  | .64  | .70  | .67  | .64  | .63 |



H( $\beta$ ) Range:-90 - 90DEG  
 H( $\beta$ ) Interval: 1.0DEG  
 Test Speed: HIGH  
 Temperature:25.1DEG  
 Operators:JAV  
 Test Date:2023-01-11

V(B) Range:-90 - 90DEG  
 V(B) Interval: 5.0DEG  
 Test System:EVERFINE GO-2000H\_V1 SYSTEM V2.00.417  
 Humidity:56.9%  
 Test Distance:13.200m [K=1.0000]  
 Remarks: LUMINARIA LED TIPO SPOT 30 W  
 QTEST 26887-07

**WEC AND CCEC**

|  |               |                    |
|--|---------------|--------------------|
| Test:U:220.47V I:0.1413A P:29.833W PF:0.9574 Freq:60.00Hz Lamp Flux:3222.08x1 lm |               |                    |
| NAME: LUMINARIA LED 30 W   | TYPE:INTERIOR | WEIGHT:NA          |
| SPEC.:NA   | DIM.: NA      | SERIAL No.:NA      |
| MFR.: DRITÈ  | SUR.:NA       | Shielding Angle:NA |

| $\rho_{cc}$ | 80%                          |      |      | 70%  |      |      | 50%                                    |      |      | 30%  |      |      | 10%  |      |      | 0 |
|-------------|------------------------------|------|------|------|------|------|--|------|------|------|------|------|------|------|------|---|
| $\rho_w$    | 50%                          | 30%  | 10%  | 50%  | 30%  | 10%  | 50%                                    | 30%  | 10%  | 50%  | 30%  | 10%  | 50%  | 30%  | 10%  | 0 |
| $\rho_{fc}$ | 20%                          |      |      | 20%  |      |      | 20%                                    |      |      | 20%  |      |      | 20%  |      |      | 0 |
| <b>RCR</b>  | <b>RCR:Room Cavity Ratio</b> |      |      |      |      |      | <b>Wall Exitance Coefficients(WEC)</b> |      |      |      |      |      |      |      |      |   |
| 0.0         |                              |      |      |      |      |      |  |      |      |      |      |      |      |      |      |   |
| 1.0         | .157                         | .089 | .028 | .150 | .086 | .027 | .138                                   | .079 | .025 | .126 | .073 | .023 | .116 | .067 | .022 |   |
| 2.0         | .148                         | .081 | .025 | .142 | .078 | .024 | .132                                   | .073 | .023 | .122 | .069 | .022 | .114 | .064 | .020 |   |
| 3.0         | .140                         | .074 | .022 | .135 | .072 | .022 | .126                                   | .068 | .021 | .118 | .065 | .020 | .111 | .061 | .019 |   |
| 4.0         | .132                         | .069 | .020 | .128 | .067 | .020 | .121                                   | .064 | .019 | .114 | .061 | .018 | .107 | .058 | .018 |   |
| 5.0         | .125                         | .064 | .018 | .122 | .062 | .018 | .115                                   | .060 | .018 | .109 | .058 | .017 | .104 | .055 | .017 |   |
| 6.0         | .119                         | .060 | .017 | .116 | .059 | .017 | .110                                   | .057 | .016 | .105 | .055 | .016 | .100 | .053 | .016 |   |
| 7.0         | .113                         | .056 | .016 | .111 | .055 | .016 | .106                                   | .053 | .015 | .101 | .052 | .015 | .097 | .050 | .015 |   |
| 8.0         | .108                         | .053 | .015 | .106 | .052 | .015 | .101                                   | .051 | .014 | .097 | .049 | .014 | .093 | .048 | .014 |   |
| 9.0         | .103                         | .050 | .014 | .101 | .049 | .014 | .097                                   | .048 | .014 | .094 | .047 | .013 | .090 | .046 | .013 |   |
| 10.0        | .099                         | .047 | .013 | .097 | .047 | .013 | .094                                   | .046 | .013 | .090 | .045 | .013 | .087 | .044 | .013 |   |

| $\rho_{cc}$ | 80%                          |      |      | 70%  |      |      | 50%   |      |      | 30%  |      |      | 10%  |      |      | 0 |
|-------------|------------------------------|------|------|------|------|------|---|------|------|------|------|------|------|------|------|---|
| $\rho_w$    | 50%                          | 30%  | 10%  | 50%  | 30%  | 10%  | 50%   | 30%  | 10%  | 50%  | 30%  | 10%  | 50%  | 30%  | 10%  | 0 |
| $\rho_{fc}$ | 20%                          |      |      | 20%  |      |      | 20%   |      |      | 20%  |      |      | 20%  |      |      | 0 |
| <b>RCR</b>  | <b>RCR:Room Cavity Ratio</b> |      |      |      |      |      | <b>Ceiling Cavity Exitance Coefficients(CCEC)</b> |      |      |      |      |      |      |      |      |   |
| 0.0         | .190                         | .190 | .190 | .163 | .163 | .163 | .111  | .111 | .111 | .064 | .064 | .064 | .020 | .020 | .020 |   |
| 1.0         | .170                         | .157 | .146 | .145 | .135 | .126 | .099  | .093 | .087 | .057 | .054 | .051 | .018 | .017 | .016 |   |
| 2.0         | .153                         | .133 | .115 | .131 | .114 | .100 | .090  | .079 | .070 | .052 | .046 | .041 | .017 | .015 | .013 |   |
| 3.0         | .139                         | .113 | .093 | .119 | .098 | .080 | .082  | .068 | .056 | .047 | .040 | .033 | .015 | .013 | .011 |   |
| 4.0         | .128                         | .098 | .076 | .110 | .085 | .066 | .076  | .059 | .046 | .044 | .035 | .027 | .014 | .011 | .009 |   |
| 5.0         | .118                         | .086 | .063 | .102 | .075 | .055 | .070  | .052 | .039 | .041 | .031 | .023 | .013 | .010 | .008 |   |
| 6.0         | .110                         | .077 | .053 | .095 | .066 | .046 | .065  | .047 | .033 | .038 | .027 | .019 | .012 | .009 | .006 |   |
| 7.0         | .103                         | .069 | .045 | .089 | .060 | .039 | .061  | .042 | .028 | .036 | .025 | .016 | .012 | .008 | .005 |   |
| 8.0         | .097                         | .062 | .039 | .083 | .054 | .034 | .058  | .038 | .024 | .034 | .022 | .014 | .011 | .007 | .005 |   |
| 9.0         | .092                         | .057 | .034 | .079 | .049 | .029 | .055  | .035 | .021 | .032 | .021 | .012 | .010 | .007 | .004 |   |
| 10.0        | .087                         | .052 | .029 | .075 | .045 | .026 | .052  | .032 | .018 | .030 | .019 | .011 | .010 | .006 | .004 |   |

H(β) Range:-90 - 90DEG  
 H(β) Interval: 1.0DEG  
 Test Speed: HIGH  
 Temperature:25.1DEG  
 Operators:JAV  
 Test Date:2023-01-11

V(B) Range:-90 - 90DEG  
 V(B) Interval: 5.0DEG  
 Test System:EVERFINE GO-2000H\_V1 SYSTEM V2.00.417  
 Humidity:56.9%  
 Test Distance:13.200m [K=1.0000]  
 Remarks: LUMINARIA LED TIPO SPOT 30 W  
 QTEST 26887-07

UGR(Unified Glare Rating) Table

|  |                         |            |            |            |               |                       |            |                    |            |            |
|--|-------------------------|------------|------------|------------|---------------|-----------------------|------------|--------------------|------------|------------|
| Test:U:220.47V I:0.1413A P:29.833W PF:0.9574 Freq:60.00Hz Lamp Flux:3222.08x1 lm |                         |            |            |            |               |                       |            |                    |            |            |
| NAME: LUMINARIA LED 30 W   |                         |            |            |            | TYPE:INTERIOR |                       |            | WEIGHT:NA          |            |            |
| SPEC.:NA   |                         |            |            |            | DIM.: NA      |                       |            | SERIAL No.:NA      |            |            |
| MFR.: DRITÈ  |                         |            |            |            | SUR.:NA       |                       |            | Shielding Angle:NA |            |            |
| <b>ceiling/cavity</b>  | <b>0.7</b>              | <b>0.7</b> | <b>0.5</b> | <b>0.5</b> | <b>0.3</b>    | <b>0.7</b>            | <b>0.7</b> | <b>0.5</b>         | <b>0.5</b> | <b>0.3</b> |
| <b>walls</b>   | <b>0.5</b>              | <b>0.3</b> | <b>0.5</b> | <b>0.3</b> | <b>0.3</b>    | <b>0.5</b>            | <b>0.3</b> | <b>0.5</b>         | <b>0.3</b> | <b>0.3</b> |
| <b>working plane</b>   | <b>0.2</b>              | <b>0.2</b> | <b>0.2</b> | <b>0.2</b> | <b>0.2</b>    | <b>0.2</b>            | <b>0.2</b> | <b>0.2</b>         | <b>0.2</b> | <b>0.2</b> |
| <b>Room dimensions</b>   | <b>Viewed crosswise</b> |            |            |            |               | <b>Viewed endwise</b> |            |                    |            |            |
| <b>x = 2H y = 2H</b>   | <b>5.6</b>              | <b>6.4</b> | <b>5.8</b> | <b>6.5</b> | <b>6.7</b>    | <b>6.0</b>            | <b>6.8</b> | <b>6.3</b>         | <b>7.0</b> | <b>7.2</b> |
| <b>3H</b>  | <b>5.4</b>              | <b>6.2</b> | <b>5.7</b> | <b>6.4</b> | <b>6.6</b>    | <b>6.0</b>            | <b>6.7</b> | <b>6.2</b>         | <b>6.9</b> | <b>7.1</b> |
| <b>4H</b>  | <b>5.4</b>              | <b>6.1</b> | <b>5.6</b> | <b>6.3</b> | <b>6.5</b>    | <b>5.9</b>            | <b>6.6</b> | <b>6.2</b>         | <b>6.8</b> | <b>7.0</b> |
| <b>6H</b>  | <b>5.3</b>              | <b>5.9</b> | <b>5.6</b> | <b>6.2</b> | <b>6.4</b>    | <b>5.8</b>            | <b>6.5</b> | <b>6.1</b>         | <b>6.7</b> | <b>7.0</b> |
| <b>8H</b>  | <b>5.2</b>              | <b>5.9</b> | <b>5.5</b> | <b>6.1</b> | <b>6.4</b>    | <b>5.8</b>            | <b>6.4</b> | <b>6.1</b>         | <b>6.7</b> | <b>6.9</b> |
| <b>12H</b>   | <b>5.2</b>              | <b>5.8</b> | <b>5.5</b> | <b>6.1</b> | <b>6.3</b>    | <b>5.8</b>            | <b>6.4</b> | <b>6.1</b>         | <b>6.7</b> | <b>6.9</b> |
| <b>4H 2H</b>   | <b>5.4</b>              | <b>6.1</b> | <b>5.7</b> | <b>6.3</b> | <b>6.5</b>    | <b>5.9</b>            | <b>6.5</b> | <b>6.1</b>         | <b>6.8</b> | <b>7.0</b> |
| <b>3H</b>  | <b>5.3</b>              | <b>5.9</b> | <b>5.6</b> | <b>6.1</b> | <b>6.4</b>    | <b>5.8</b>            | <b>6.4</b> | <b>6.1</b>         | <b>6.6</b> | <b>6.9</b> |
| <b>4H</b>  | <b>5.2</b>              | <b>5.7</b> | <b>5.5</b> | <b>6.0</b> | <b>6.3</b>    | <b>5.7</b>            | <b>6.3</b> | <b>6.1</b>         | <b>6.6</b> | <b>6.9</b> |
| <b>6H</b>  | <b>5.1</b>              | <b>5.6</b> | <b>5.5</b> | <b>5.9</b> | <b>6.2</b>    | <b>5.7</b>            | <b>6.2</b> | <b>6.0</b>         | <b>6.5</b> | <b>6.8</b> |
| <b>8H</b>  | <b>5.0</b>              | <b>5.5</b> | <b>5.4</b> | <b>5.8</b> | <b>6.2</b>    | <b>5.6</b>            | <b>6.1</b> | <b>6.0</b>         | <b>6.4</b> | <b>6.8</b> |
| <b>12H</b>   | <b>5.0</b>              | <b>5.4</b> | <b>5.4</b> | <b>5.8</b> | <b>6.2</b>    | <b>5.6</b>            | <b>6.0</b> | <b>6.0</b>         | <b>6.4</b> | <b>6.8</b> |
| <b>8H 4H</b>   | <b>5.0</b>              | <b>5.5</b> | <b>5.4</b> | <b>5.8</b> | <b>6.2</b>    | <b>5.6</b>            | <b>6.0</b> | <b>6.0</b>         | <b>6.4</b> | <b>6.7</b> |
| <b>6H</b>  | <b>5.0</b>              | <b>5.3</b> | <b>5.4</b> | <b>5.7</b> | <b>6.1</b>    | <b>5.5</b>            | <b>5.9</b> | <b>6.0</b>         | <b>6.3</b> | <b>6.7</b> |
| <b>8H</b>  | <b>4.9</b>              | <b>5.2</b> | <b>5.4</b> | <b>5.7</b> | <b>6.1</b>    | <b>5.5</b>            | <b>5.9</b> | <b>6.0</b>         | <b>6.3</b> | <b>6.7</b> |
| <b>12H</b>   | <b>4.9</b>              | <b>5.2</b> | <b>5.3</b> | <b>5.6</b> | <b>6.1</b>    | <b>5.5</b>            | <b>5.8</b> | <b>6.0</b>         | <b>6.3</b> | <b>6.7</b> |
| <b>12H 4H</b>  | <b>5.0</b>              | <b>5.4</b> | <b>5.4</b> | <b>5.8</b> | <b>6.2</b>    | <b>5.5</b>            | <b>5.9</b> | <b>5.9</b>         | <b>6.3</b> | <b>6.7</b> |
| <b>6H</b>  | <b>4.9</b>              | <b>5.2</b> | <b>5.4</b> | <b>5.7</b> | <b>6.1</b>    | <b>5.5</b>            | <b>5.8</b> | <b>5.9</b>         | <b>6.2</b> | <b>6.7</b> |
| <b>8H</b>  | <b>4.9</b>              | <b>5.2</b> | <b>5.3</b> | <b>5.6</b> | <b>6.1</b>    | <b>5.5</b>            | <b>5.8</b> | <b>6.0</b>         | <b>6.2</b> | <b>6.7</b> |
| <b>Variations with the observer position at spacings:</b>                        |                         |            |            |            |               |                       |            |                    |            |            |
| <b>S = 1.0H</b>  | <b>+ 3.1 / - 6.2</b>    |            |            |            |               | <b>+ 2.4 / - 5.6</b>  |            |                    |            |            |
| <b>1.5H</b>  | <b>+ 5.1 / - 4.0</b>    |            |            |            |               | <b>+ 4.6 / - 4.5</b>  |            |                    |            |            |
| <b>2.0H</b>  | <b>+ 1.9 / - 4.4</b>    |            |            |            |               | <b>+ 1.5 / - 2.9</b>  |            |                    |            |            |

CIE Pub.117, 3222 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 4.1)  
 Area: 0.1 m2

H(β) Range:-90 - 90DEG  
 H(β) Interval: 1.0DEG  
 Test Speed: HIGH  
 Temperature:25.1DEG  
 Operators:JAV  
 Test Date:2023-01-11

V(B) Range:-90 - 90DEG  
 V(B) Interval: 5.0DEG  
 Test System:EVERFINE GO-2000H\_V1 SYSTEM V2.00.417  
 Humidity:56.9%  
 Test Distance:13.200m [K=1.0000]  
 Remarks: LUMINARIA LED TIPO SPOT 30 W  
 QTEST 26887-07

**UTILIZATION FACTORS TABLE**

|  |               |                    |
|--|---------------|--------------------|
| Test:U:220.47V I:0.1413A P:29.833W PF:0.9574 Freq:60.00Hz Lamp Flux:3222.08x1 lm |               |                    |
| NAME: LUMINARIA LED 30 W   | TYPE:INTERIOR | WEIGHT:NA          |
| SPEC.:NA   | DIM.: NA      | SERIAL No.:NA      |
| MFR.: DRITÈ  | SUR.:NA       | Shielding Angle:NA |

| <b>REFLECTANCE</b>                      |  |     |                  |     |     |     |                      |     |     |               |
|---|--|-----|------------------|-----|-----|-----|----------------------|-----|-----|---------------|
| <b>Ceiling</b>                          | 0.8  | 0.8 | 0.8              | 0.7 | 0.7 | 0.7 | 0.5                  | 0.5 | 0.5 | 0             |
| <b>Walls</b>                            | 0.7  | 0.5 | 0.3              | 0.7 | 0.5 | 0.3 | 0.7                  | 0.5 | 0.3 | 0             |
| <b>Working plane</b>                    | 0.2  | 0.2 | 0.2              | 0.2 | 0.2 | 0.2 | 0.2                  | 0.2 | 0.2 | 0             |
| <b>ROOM INDEX</b>                       | <b>UTILIZATION FACTORS (PERCENT) <math>k(RI) \times RCR = 5</math></b> |     |                  |     |     |     |                      |     |     |               |
| <b>k = 0.60</b>                         | 89   | 83  | 79               | 89  | 83  | 79  | 88                   | 82  | 79  | 76            |
| <b>0.80</b>                             | 96   | 91  | 87               | 96  | 90  | 87  | 94                   | 90  | 87  | 83            |
| <b>1.00</b>                             | 100  | 95  | 92               | 100 | 95  | 91  | 98                   | 94  | 91  | 87            |
| <b>1.25</b>                             | 104  | 99  | 96               | 103 | 99  | 96  | 101                  | 98  | 95  | 91            |
| <b>1.50</b>                             | 107  | 102 | 99               | 106 | 102 | 99  | 103                  | 100 | 98  | 93            |
| <b>2.00</b>                             | 109  | 105 | 102              | 108 | 104 | 101 | 105                  | 102 | 100 | 95            |
| <b>2.50</b>                             | 111  | 107 | 104              | 109 | 106 | 103 | 106                  | 104 | 101 | 96            |
| <b>3.00</b>                             | 112  | 109 | 106              | 110 | 108 | 105 | 107                  | 105 | 103 | 97            |
| <b>4.00</b>                             | 114  | 112 | 109              | 112 | 110 | 108 | 109                  | 107 | 105 | 98            |
| <b>5.00</b>                             | 115  | 113 | 111              | 113 | 111 | 110 | 109                  | 108 | 107 | 99            |
| <b>ROOM INDEX</b>                       | <b>UF(total)</b>   |     |                  |     |     |     |                      |     |     | <b>Direct</b> |
| <b>According to DIN EN 13032-2 2004</b> |  |     | <b>Suspended</b> |     |     |     | <b>SHRNOM = 1.25</b> |     |     |               |

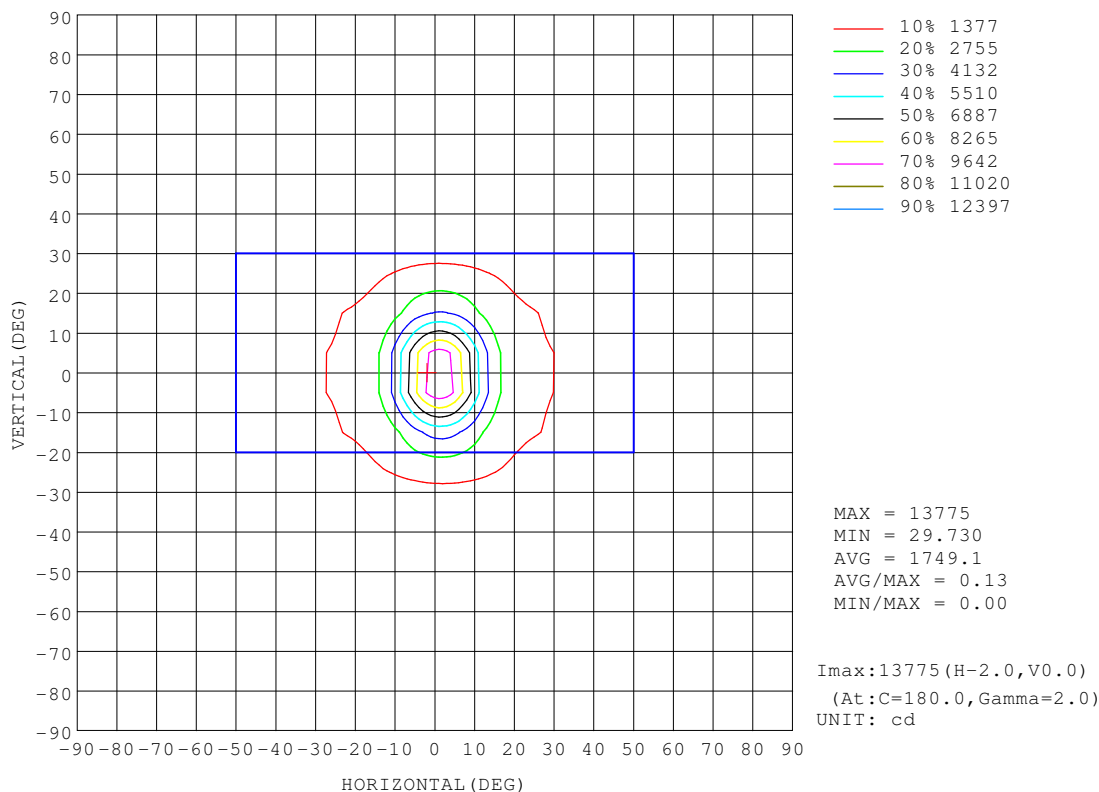
H(β) Range:-90 - 90DEG  
 H(β) Interval: 1.0DEG  
 Test Speed: HIGH  
 Temperature:25.1DEG  
 Operators:JAV  
 Test Date:2023-01-11

V(B) Range:-90 - 90DEG  
 V(B) Interval: 5.0DEG  
 Test System:EVERFINE GO-2000H\_V1 SYSTEM V2.00.417  
 Humidity:56.9%  
 Test Distance:13.200m [K=1.0000]  
 Remarks: LUMINARIA LED TIPO SPOT 30 W  
 QTEST 26887-07



ISOCANDELA DIAGRAM

|  |                |                     |
|--|----------------|---------------------|
| Test:U:220.47V I:0.1413A P:29.833W PF:0.9574 Freq:60.00Hz Lamp Flux:3222.08x1 lm |                |                     |
| NAME: LUMINARIA LED 30 W   | TYPE: INTERIOR | WEIGHT: NA          |
| SPEC.: NA  | DIM.: NA       | SERIAL No.: NA      |
| MFR.: DRITÈ  | SUR.: NA       | Shielding Angle: NA |

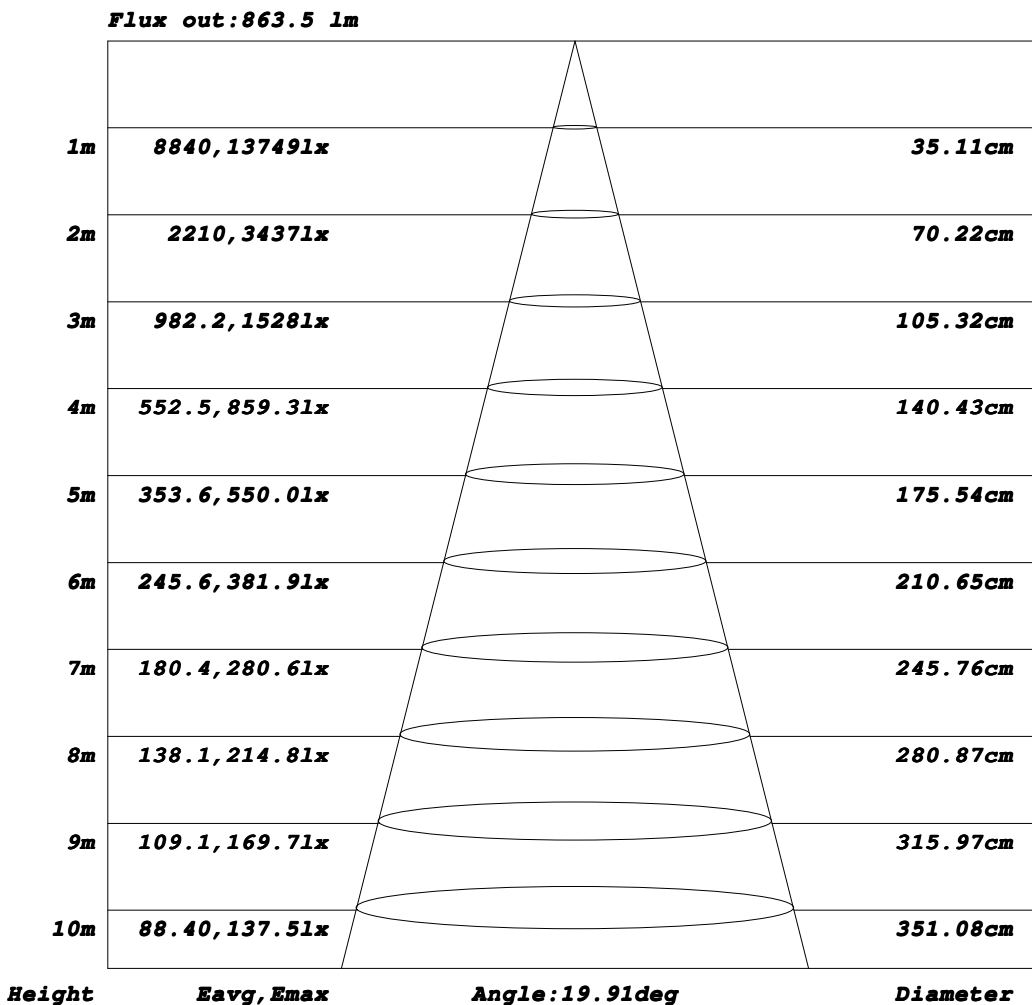


H(β) Range: -90 - 90DEG  
 H(β) Interval: 1.0DEG  
 Test Speed: HIGH  
 Temperature: 25.1DEG  
 Operators: JAV  
 Test Date: 2023-01-11

V(B) Range: -90 - 90DEG  
 V(B) Interval: 5.0DEG  
 Test System: EVERFINE GO-2000H\_V1 SYSTEM V2.00.417  
 Humidity: 56.9%  
 Test Distance: 13.200m [K=1.0000]  
 Remarks: LUMINARIA LED TIPO SPOT 30 W  
 QTEST 26887-07

**AAI Figure**

|  |               |                    |
|--|---------------|--------------------|
| Test:U:220.47V I:0.1413A P:29.833W PF:0.9574 Freq:60.00Hz Lamp Flux:3222.08x1 lm |               |                    |
| NAME: LUMINARIA LED 30 W   | TYPE:INTERIOR | WEIGHT:NA          |
| SPEC.:NA   | DIM.: NA      | SERIAL No.:NA      |
| MFR.: DRITÈ  | SUR.:NA       | Shielding Angle:NA |



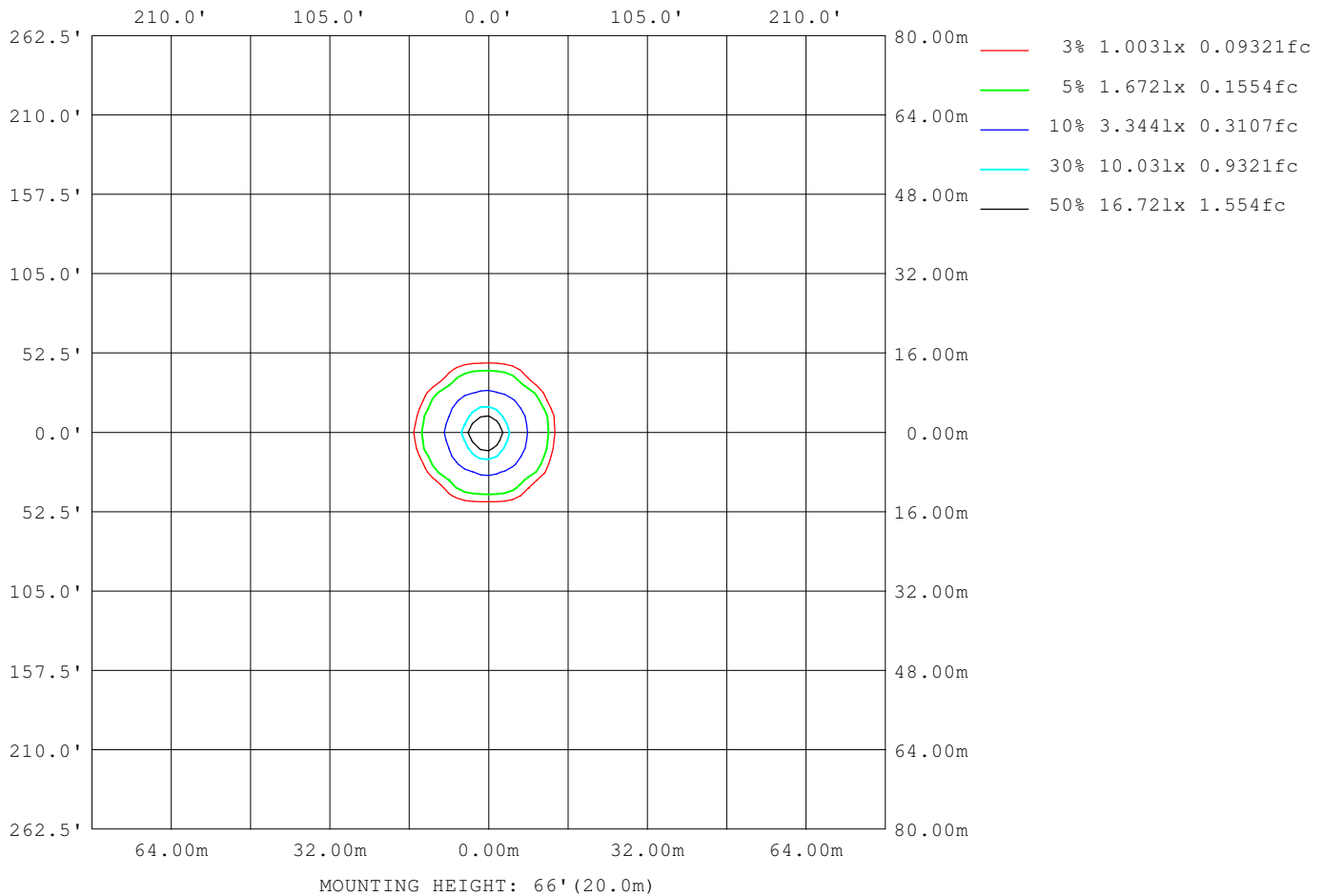
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

H(β) Range:-90 - 90DEG  
 H(β) Interval: 1.0DEG  
 Test Speed: HIGH  
 Temperature:25.1DEG  
 Operators:JAV  
 Test Date:2023-01-11

V(B) Range:-90 - 90DEG  
 V(B) Interval: 5.0DEG  
 Test System:EVERFINE GO-2000H\_V1 SYSTEM V2.00.417  
 Humidity:56.9%  
 Test Distance:13.200m [K=1.0000]  
 Remarks: LUMINARIA LED TIPO SPOT 30 W  
 QTEST 26887-07

**ISOLUX DIAGRAM**

|  |                |                     |
|--|----------------|---------------------|
| Test:U:220.47V I:0.1413A P:29.833W PF:0.9574 Freq:60.00Hz Lamp Flux:3222.08x1 lm |                |                     |
| NAME: LUMINARIA LED 30 W   | TYPE: INTERIOR | WEIGHT: NA          |
| SPEC.: NA  | DIM.: NA       | SERIAL No.: NA      |
| MFR.: DRITÈ  | SUR.: NA       | Shielding Angle: NA |



**H(β) Range: -90 - 90DEG**  
**H(β) Interval: 1.0DEG**  
**Test Speed: HIGH**  
**Temperature: 25.1DEG**  
**Operators: JAV**  
**Test Date: 2023-01-11**

**V(B) Range: -90 - 90DEG**  
**V(B) Interval: 5.0DEG**  
**Test System: EVERFINE GO-2000H\_V1 SYSTEM V2.00.417**  
**Humidity: 56.9%**  
**Test Distance: 13.200m [K=1.0000]**  
**Remarks: LUMINARIA LED TIPO SPOT 30 W**  
**QTEST 26887-07**

**LED Avg.L Report**

|  |               |                    |
|--|---------------|--------------------|
| Test:U:220.47V I:0.1413A P:29.833W PF:0.9574 Freq:60.00Hz Lamp Flux:3222.08x1 lm |               |                    |
| NAME: LUMINARIA LED 30 W   | TYPE:INTERIOR | WEIGHT:NA          |
| SPEC.:NA   | DIM.: NA      | SERIAL No.:NA      |
| MFR.: DRITÈ  | SUR.:NA       | Shielding Angle:NA |

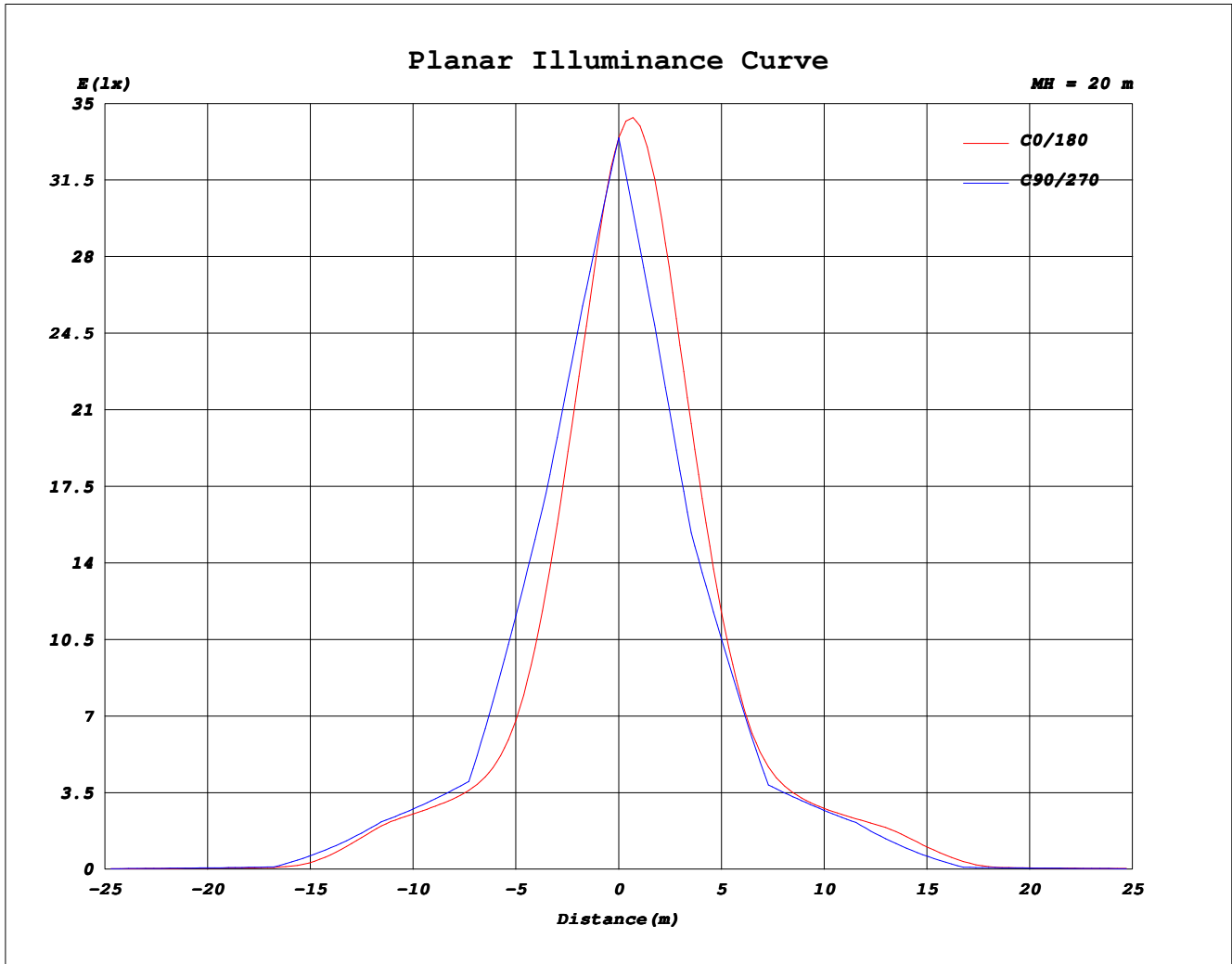
| AvgL             | cd/m2 |
|------------------|-------|
| L_0~180 (65) av  | 234   |
| L_0~180 (75) av  | 102   |
| L_0~180 (85) av  | 64    |
| L_90~270 (65) av | 340   |
| L_90~270 (75) av | 200   |
| L_90~270 (85) av | 202   |
| L_45 (65) av     | 296   |
| L_45 (75) av     | 152   |
| L_45 (85) av     | 213   |

Standard: GB/T 29293-2012

**H(β) Range:-90 - 90DEG**  
**H(β) Interval: 1.0DEG**  
**Test Speed: HIGH**  
**Temperature:25.1DEG**  
**Operators:JAV**  
**Test Date:2023-01-11**

**V(B) Range:-90 - 90DEG**  
**V(B) Interval: 5.0DEG**  
**Test System:EVERFINE GO-2000H\_V1 SYSTEM V2.00.417**  
**Humidity:56.9%**  
**Test Distance:13.200m [K=1.0000]**  
**Remarks: LUMINARIA LED TIPO SPOT 30 W**  
**QTEST 26887-07**

Planar Illuminance Curve



H( $\beta$ ) Range:-90 - 90DEG  
H( $\beta$ ) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.1DEG  
Operators:JAV  
Test Date:2023-01-11

V(B) Range:-90 - 90DEG  
V(B) Interval: 5.0DEG  
Test System:EVERFINE GO-2000H\_V1 SYSTEM V2.00.417  
Humidity:56.9%  
Test Distance:13.200m [K=1.0000]  
Remarks: LUMINARIA LED TIPO SPOT 30 W  
QTEST 26887-07

MARCA DRITE, TIPO SPOT 3 VIAS DE LED, REF: LSL200, 30 W  
CCT: 4000K, COLOR NEGRO  
100-240 V, 50-60 Hz, 3000 Lm, IRC(Ra) 90%, PF: 0.9  
50000Hrs, 1 LED COB, C.F:040522LS

Test Distance: 13.200 metres  
Test Temperature: 25.1 degrees Celsius

Significance: PHOTOMETRIC TEST  
D-LUX  
Carrera 46 # 14-213, Medellín - Antioquia  
SAMPLES RECEIVED IN 2022-12-21

Special Notes: TEST EQUIPMENT

GONIOPHOTOMETER SYSTEM: 109A  
POWER SUPPLY: 107A  
POWER ANALIZER: 110A  
THERMOHYGROMETER 354M

Environmental Conditions: 25 ± 1 °C temperature and 50 ± 15% RH  
The results reported here relate only to the elements tested.  
This test report should not be partially reproduced,  
Without the approval of the QTEST Laboratory.

Approved: CLAUDIA BETANCUR

Testing Procedure: IESNA LM 79 de 2019

H(β) Range:-90 - 90DEG  
H(β) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.1DEG  
Operators:JAV  
Test Date:2023-01-11

V(B) Range:-90 - 90DEG  
V(B) Interval: 5.0DEG  
Test System:EVERFINE GO-2000H\_V1 SYSTEM V2.00.417  
Humidity:56.9%  
Test Distance:13.200m [K=1.0000]  
Remarks: LUMINARIA LED TIPO SPOT 30 W  
QTEST 26887-07

LUMINOUS DISTRIBUTION INTENSITY DATA

|  |               |                    |
|--|---------------|--------------------|
| Test:U:220.47V I:0.1413A P:29.833W PF:0.9574 Freq:60.00Hz Lamp Flux:3222.08x1 lm |               |                    |
| NAME: LUMINARIA LED 30 W   | TYPE:INTERIOR | WEIGHT:NA          |
| SPEC.:NA   | DIM.: NA      | SERIAL No.:NA      |
| MFR.: DRITÈ  | SUR.:NA       | Shielding Angle:NA |

Table--1

UNIT: µÁ10cd

| C (DEG) \ γ (DEG) | 0    | 5    | 10   | 15   | 20   | 25   | 30   | 35   | 40   | 45   | 50   | 55   | 60   | 65   | 70   | 75   | 80   | 85   | 90   |
|-------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 0                 | 1338 | 1338 | 1338 | 1338 | 1338 | 1338 | 1338 | 1338 | 1338 | 1338 | 1338 | 1338 | 1338 | 1338 | 1338 | 1338 | 1338 | 1338 | 1338 |
| 5                 | 958  | 959  | 962  | 969  | 977  | 987  | 999  | 1011 | 1023 | 1034 | 1044 | 1053 | 1057 | 1062 | 1061 | 1059 | 1055 | 1048 | 1042 |
| 10                | 533  | 553  | 578  | 608  | 642  | 680  | 717  | 700  | 686  | 677  | 671  | 668  | 668  | 671  | 677  | 685  | 696  | 708  | 720  |
| 15                | 263  | 285  | 312  | 346  | 374  | 358  | 341  | 323  | 305  | 323  | 354  | 386  | 415  | 439  | 456  | 466  | 468  | 464  | 456  |
| 20                | 175  | 184  | 196  | 206  | 199  | 190  | 182  | 195  | 212  | 235  | 251  | 253  | 250  | 241  | 229  | 215  | 203  | 196  | 194  |
| 25                | 148  | 153  | 159  | 156  | 152  | 152  | 157  | 165  | 163  | 161  | 155  | 153  | 156  | 159  | 162  | 164  | 165  | 165  | 164  |
| 30                | 123  | 132  | 135  | 126  | 128  | 136  | 135  | 133  | 131  | 127  | 127  | 129  | 129  | 131  | 134  | 135  | 135  | 134  | 134  |
| 35                | 49.3 | 77.5 | 74.8 | 54.1 | 81.4 | 84.8 | 69.5 | 78.9 | 86.3 | 76.4 | 67.8 | 68.0 | 79.5 | 85.5 | 85.5 | 81.4 | 76.7 | 73.5 | 72.1 |
| 40                | 8.29 | 18.0 | 14.3 | 13.9 | 25.4 | 13.2 | 22.7 | 37.1 | 24.8 | 11.3 | 25.7 | 40.0 | 42.0 | 36.7 | 28.8 | 20.7 | 14.6 | 11.2 | 10.3 |
| 45                | 6.94 | 7.49 | 7.12 | 7.63 | 7.35 | 7.54 | 8.69 | 7.65 | 7.63 | 8.76 | 12.1 | 10.4 | 7.36 | 7.53 | 7.71 | 7.92 | 8.21 | 8.39 | 8.32 |
| 50                | 5.61 | 6.47 | 6.22 | 6.40 | 6.41 | 6.47 | 6.38 | 6.67 | 6.54 | 6.59 | 6.57 | 6.54 | 6.50 | 6.57 | 6.62 | 6.64 | 6.63 | 6.56 | 6.50 |
| 55                | 3.18 | 4.22 | 4.68 | 3.83 | 4.76 | 4.17 | 4.93 | 4.31 | 4.77 | 4.96 | 4.65 | 4.70 | 4.94 | 4.96 | 4.86 | 4.73 | 4.60 | 4.48 | 4.39 |
| 60                | 1.37 | 1.75 | 2.24 | 2.41 | 1.77 | 2.53 | 2.01 | 2.83 | 2.48 | 2.30 | 2.80 | 3.15 | 3.03 | 2.82 | 2.63 | 2.50 | 2.42 | 2.39 | 2.36 |
| 65                | 0.74 | 0.81 | 0.83 | 0.89 | 1.11 | 1.00 | 1.22 | 1.04 | 1.35 | 1.51 | 1.41 | 1.23 | 1.36 | 1.49 | 1.58 | 1.64 | 1.67 | 1.67 | 1.64 |
| 70                | 0.42 | 0.57 | 0.61 | 0.62 | 0.61 | 0.59 | 0.70 | 0.74 | 0.71 | 0.81 | 0.90 | 0.94 | 0.98 | 1.00 | 1.00 | 0.98 | 0.97 | 0.95 | 0.95 |
| 75                | 0.13 | 0.23 | 0.25 | 0.31 | 0.30 | 0.36 | 0.42 | 0.51 | 0.49 | 0.48 | 0.55 | 0.61 | 0.65 | 0.68 | 0.69 | 0.70 | 0.70 | 0.69 | 0.69 |
| 80                | 0.10 | 0.11 | 0.14 | 0.19 | 0.24 | 0.30 | 0.33 | 0.36 | 0.38 | 0.42 | 0.45 | 0.46 | 0.47 | 0.46 | 0.46 | 0.45 | 0.45 | 0.44 | 0.44 |
| 85                | 0.03 | 0.11 | 0.18 | 0.24 | 0.26 | 0.27 | 0.28 | 0.28 | 0.29 | 0.29 | 0.29 | 0.29 | 0.29 | 0.29 | 0.29 | 0.29 | 0.29 | 0.29 | 0.29 |
| 90                | 0.00 | 0.14 | 0.15 | 0.14 | 0.12 | 0.11 | 0.11 | 0.10 | 0.10 | 0.10 | 0.10 | 0.11 | 0.11 | 0.11 | 0.12 | 0.13 | 0.13 | 0.14 | 0.14 |

H(β) Range:-90 - 90DEG  
 H(β) Interval: 1.0DEG  
 Test Speed: HIGH  
 Temperature:25.1DEG  
 Operators:JAV  
 Test Date:2023-01-11

V(B) Range:-90 - 90DEG  
 V(B) Interval: 5.0DEG  
 Test System:EVERFINE GO-2000H\_V1 SYSTEM V2.00.417  
 Humidity:56.9%  
 Test Distance:13.200m [K=1.0000]  
 Remarks: LUMINARIA LED TIPO SPOT 30 W  
 QTEST 26887-07

LUMINOUS DISTRIBUTION INTENSITY DATA

|  |               |                    |
|--|---------------|--------------------|
| Test:U:220.47V I:0.1413A P:29.833W PF:0.9574 Freq:60.00Hz Lamp Flux:3222.08x1 lm |               |                    |
| NAME: LUMINARIA LED 30 W   | TYPE:INTERIOR | WEIGHT:NA          |
| SPEC.:NA   | DIM.: NA      | SERIAL No.:NA      |
| MFR.: DRITÈ  | SUR.:NA       | Shielding Angle:NA |

Table--2

UNIT: μÁ10cd

| C (DEG)\y (DEG) | 95   | 100  | 105  | 110  | 115  | 120  | 125  | 130  | 135  | 140  | 145  | 150  | 155  | 160  | 165  | 170  | 175  | 180  | 185  |
|-----------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 0               | 1338 | 1338 | 1338 | 1338 | 1338 | 1338 | 1338 | 1338 | 1338 | 1338 | 1338 | 1338 | 1338 | 1338 | 1338 | 1338 | 1338 | 1338 | 1338 |
| 5               | 1032 | 1024 | 1017 | 1011 | 1008 | 1007 | 1010 | 1016 | 1026 | 1040 | 1058 | 1078 | 1103 | 1131 | 1163 | 1199 | 1237 | 1278 | 1235 |
| 10              | 730  | 736  | 738  | 734  | 724  | 708  | 686  | 661  | 634  | 606  | 577  | 550  | 585  | 629  | 677  | 730  | 788  | 853  | 787  |
| 15              | 445  | 435  | 427  | 422  | 419  | 417  | 417  | 416  | 414  | 403  | 363  | 329  | 301  | 277  | 309  | 353  | 399  | 449  | 398  |
| 20              | 198  | 205  | 212  | 217  | 218  | 214  | 207  | 199  | 200  | 209  | 213  | 215  | 201  | 188  | 178  | 190  | 208  | 226  | 208  |
| 25              | 162  | 160  | 158  | 157  | 155  | 154  | 155  | 157  | 155  | 152  | 149  | 154  | 159  | 158  | 152  | 149  | 157  | 164  | 156  |
| 30              | 135  | 135  | 135  | 134  | 129  | 122  | 115  | 114  | 122  | 135  | 134  | 124  | 121  | 133  | 137  | 128  | 132  | 143  | 131  |
| 35              | 72.7 | 75.3 | 79.3 | 83.8 | 87.8 | 90.1 | 88.1 | 75.3 | 66.7 | 67.3 | 85.3 | 90.0 | 66.4 | 69.6 | 101  | 74.0 | 71.2 | 109  | 70.1 |
| 40              | 11.5 | 14.8 | 20.2 | 26.2 | 30.8 | 31.4 | 29.3 | 28.2 | 22.2 | 18.5 | 16.6 | 22.8 | 19.8 | 11.8 | 23.7 | 19.5 | 13.3 | 32.3 | 13.2 |
| 45              | 8.05 | 7.79 | 7.59 | 7.47 | 7.39 | 7.34 | 8.49 | 7.94 | 7.43 | 7.54 | 7.65 | 7.42 | 7.54 | 7.65 | 7.21 | 7.85 | 7.17 | 8.07 | 7.14 |
| 50              | 6.47 | 6.43 | 6.36 | 6.26 | 6.08 | 5.93 | 5.89 | 6.12 | 6.62 | 6.30 | 5.96 | 6.54 | 6.18 | 6.28 | 6.21 | 6.37 | 6.04 | 6.92 | 6.04 |
| 55              | 4.33 | 4.31 | 4.35 | 4.43 | 4.54 | 4.65 | 4.58 | 4.26 | 4.05 | 4.47 | 4.72 | 3.89 | 4.68 | 3.81 | 4.79 | 3.73 | 4.11 | 5.24 | 4.10 |
| 60              | 2.33 | 2.33 | 2.34 | 2.40 | 2.47 | 2.51 | 2.46 | 2.52 | 2.46 | 2.29 | 2.10 | 2.45 | 1.96 | 2.45 | 1.81 | 1.84 | 2.25 | 2.71 | 2.22 |
| 65              | 1.59 | 1.53 | 1.48 | 1.42 | 1.36 | 1.31 | 1.26 | 1.32 | 1.28 | 1.23 | 1.26 | 1.15 | 1.18 | 1.04 | 1.16 | 1.17 | 1.17 | 1.24 | 1.12 |
| 70              | 0.95 | 0.96 | 0.97 | 0.96 | 0.95 | 0.92 | 0.88 | 0.84 | 0.82 | 0.84 | 0.79 | 0.73 | 0.77 | 0.67 | 0.57 | 0.53 | 0.56 | 0.72 | 0.56 |
| 75              | 0.68 | 0.67 | 0.67 | 0.67 | 0.66 | 0.65 | 0.64 | 0.62 | 0.54 | 0.48 | 0.47 | 0.48 | 0.36 | 0.39 | 0.27 | 0.27 | 0.27 | 0.40 | 0.29 |
| 80              | 0.43 | 0.43 | 0.42 | 0.42 | 0.43 | 0.43 | 0.43 | 0.41 | 0.37 | 0.34 | 0.34 | 0.33 | 0.29 | 0.23 | 0.17 | 0.12 | 0.10 | 0.11 | 0.09 |
| 85              | 0.28 | 0.27 | 0.27 | 0.26 | 0.26 | 0.26 | 0.26 | 0.27 | 0.27 | 0.27 | 0.28 | 0.28 | 0.27 | 0.24 | 0.24 | 0.16 | 0.08 | 0.08 | 0.05 |
| 90              | 0.14 | 0.13 | 0.13 | 0.12 | 0.11 | 0.11 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.11 | 0.12 | 0.13 | 0.15 | 0.15 | 0.01 | 0.00 |

H(β) Range:-90 - 90DEG  
H(β) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.1DEG  
Operators:JAV  
Test Date:2023-01-11

V(B) Range:-90 - 90DEG  
V(B) Interval: 5.0DEG  
Test System:EVERFINE GO-2000H\_V1 SYSTEM V2.00.417  
Humidity:56.9%  
Test Distance:13.200m [K=1.0000]  
Remarks: LUMINARIA LED TIPO SPOT 30 W  
QTEST 26887-07



LUMINOUS DISTRIBUTION INTENSITY DATA

|  |               |                    |
|--|---------------|--------------------|
| Test:U:220.47V I:0.1413A P:29.833W PF:0.9574 Freq:60.00Hz Lamp Flux:3222.08x1 lm |               |                    |
| NAME: LUMINARIA LED 30 W   | TYPE:INTERIOR | WEIGHT:NA          |
| SPEC.:NA   | DIM.: NA      | SERIAL No.:NA      |
| MFR.: DRITÈ  | SUR.:NA       | Shielding Angle:NA |

Table--3

UNIT: µÁ10cd

| C (DEG) | 190  | 195  | 200  | 205  | 210  | 215  | 220  | 225  | 230  | 235  | 240  | 245  | 250  | 255  | 260  | 265  | 270  | 275  | 280  |
|---------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 0       | 1338 | 1338 | 1338 | 1338 | 1338 | 1338 | 1338 | 1338 | 1338 | 1338 | 1338 | 1338 | 1338 | 1338 | 1338 | 1338 | 1338 | 1338 | 1338 |
| 5       | 1195 | 1157 | 1123 | 1093 | 1066 | 1043 | 1023 | 1007 | 995  | 987  | 982  | 981  | 982  | 985  | 992  | 998  | 1007 | 1012 | 1019 |
| 10      | 727  | 673  | 623  | 577  | 539  | 560  | 582  | 604  | 625  | 642  | 657  | 667  | 671  | 669  | 664  | 655  | 645  | 634  | 624  |
| 15      | 352  | 308  | 274  | 295  | 320  | 349  | 381  | 390  | 390  | 390  | 390  | 390  | 392  | 396  | 402  | 410  | 418  | 423  | 425  |
| 20      | 190  | 177  | 187  | 199  | 211  | 209  | 206  | 198  | 197  | 204  | 210  | 212  | 211  | 205  | 197  | 190  | 186  | 187  | 194  |
| 25      | 149  | 152  | 158  | 159  | 154  | 149  | 153  | 156  | 158  | 155  | 153  | 153  | 154  | 156  | 157  | 159  | 160  | 160  | 160  |
| 30      | 126  | 136  | 133  | 122  | 125  | 135  | 136  | 121  | 112  | 111  | 118  | 125  | 131  | 133  | 133  | 133  | 132  | 132  | 131  |
| 35      | 71.5 | 97.9 | 68.2 | 67.0 | 92.0 | 86.9 | 67.4 | 63.2 | 68.9 | 79.6 | 83.0 | 82.4 | 80.0 | 76.8 | 73.5 | 71.2 | 70.6 | 71.8 | 74.7 |
| 40      | 17.9 | 21.8 | 11.3 | 22.0 | 24.5 | 17.7 | 17.7 | 17.3 | 23.5 | 25.2 | 27.9 | 28.2 | 24.4 | 18.9 | 13.7 | 10.1 | 8.82 | 9.94 | 13.6 |
| 45      | 7.70 | 7.18 | 7.56 | 7.46 | 7.29 | 7.33 | 7.24 | 7.20 | 7.57 | 8.01 | 7.09 | 7.10 | 7.18 | 7.26 | 7.35 | 7.47 | 7.56 | 7.56 | 7.43 |
| 50      | 6.39 | 6.33 | 6.33 | 6.16 | 6.42 | 5.82 | 6.20 | 6.58 | 6.09 | 5.88 | 5.96 | 6.11 | 6.29 | 6.37 | 6.40 | 6.35 | 6.29 | 6.21 | 6.12 |
| 55      | 3.81 | 5.05 | 3.84 | 4.56 | 3.71 | 4.55 | 4.33 | 3.97 | 4.30 | 4.69 | 4.75 | 4.60 | 4.46 | 4.32 | 4.22 | 4.16 | 4.12 | 4.12 | 4.13 |
| 60      | 1.89 | 1.83 | 2.29 | 1.75 | 2.20 | 1.87 | 2.14 | 2.38 | 2.46 | 2.39 | 2.42 | 2.36 | 2.26 | 2.15 | 2.04 | 1.96 | 1.90 | 1.86 | 1.87 |
| 65      | 1.15 | 1.02 | 0.88 | 0.98 | 0.95 | 1.06 | 1.04 | 1.08 | 1.11 | 1.04 | 1.09 | 1.13 | 1.17 | 1.21 | 1.23 | 1.24 | 1.24 | 1.22 | 1.19 |
| 70      | 0.51 | 0.50 | 0.55 | 0.62 | 0.57 | 0.60 | 0.63 | 0.60 | 0.60 | 0.62 | 0.64 | 0.65 | 0.64 | 0.62 | 0.59 | 0.57 | 0.55 | 0.55 | 0.57 |
| 75      | 0.24 | 0.21 | 0.32 | 0.28 | 0.34 | 0.31 | 0.29 | 0.31 | 0.35 | 0.37 | 0.37 | 0.37 | 0.37 | 0.36 | 0.36 | 0.35 | 0.34 | 0.34 | 0.34 |
| 80      | 0.09 | 0.11 | 0.13 | 0.14 | 0.16 | 0.15 | 0.16 | 0.17 | 0.20 | 0.21 | 0.20 | 0.19 | 0.17 | 0.16 | 0.14 | 0.13 | 0.13 | 0.13 | 0.13 |
| 85      | 0.07 | 0.08 | 0.07 | 0.09 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.09 | 0.09 | 0.08 | 0.08 | 0.07 | 0.07 | 0.07 | 0.06 | 0.06 |
| 90      | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

H(β) Range:-90 - 90DEG  
 H(β) Interval: 1.0DEG  
 Test Speed: HIGH  
 Temperature:25.1DEG  
 Operators:JAV  
 Test Date:2023-01-11

V(B) Range:-90 - 90DEG  
 V(B) Interval: 5.0DEG  
 Test System:EVERFINE GO-2000H\_V1 SYSTEM V2.00.417  
 Humidity:56.9%  
 Test Distance:13.200m [K=1.0000]  
 Remarks: LUMINARIA LED TIPO SPOT 30 W  
 QTEST 26887-07

LUMINOUS DISTRIBUTION INTENSITY DATA

|  |               |                    |
|--|---------------|--------------------|
| Test:U:220.47V I:0.1413A P:29.833W PF:0.9574 Freq:60.00Hz Lamp Flux:3222.08x1 lm |               |                    |
| NAME: LUMINARIA LED 30 W   | TYPE:INTERIOR | WEIGHT:NA          |
| SPEC.:NA   | DIM.: NA      | SERIAL No.:NA      |
| MFR.: DRITÈ  | SUR.:NA       | Shielding Angle:NA |

Table--4

UNIT: µÁ10cd

| C (DEG) \ y (DEG) | 285  | 290  | 295  | 300  | 305  | 310  | 315  | 320  | 325  | 330  | 335  | 340  | 345  | 350  | 355  |  |  |  |  |
|-------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--|--|--|--|
| 0                 | 1338 | 1338 | 1338 | 1338 | 1338 | 1338 | 1338 | 1338 | 1338 | 1338 | 1338 | 1338 | 1338 | 1338 | 1338 |  |  |  |  |
| 5                 | 1023 | 1026 | 1028 | 1025 | 1022 | 1015 | 1007 | 999  | 990  | 980  | 972  | 965  | 959  | 956  | 956  |  |  |  |  |
| 10                | 617  | 613  | 613  | 616  | 621  | 629  | 640  | 653  | 670  | 690  | 658  | 626  | 596  | 570  | 549  |  |  |  |  |
| 15                | 422  | 413  | 398  | 377  | 353  | 327  | 301  | 288  | 310  | 330  | 348  | 365  | 339  | 308  | 283  |  |  |  |  |
| 20                | 204  | 216  | 226  | 234  | 237  | 237  | 224  | 206  | 192  | 182  | 189  | 198  | 206  | 196  | 184  |  |  |  |  |
| 25                | 158  | 156  | 154  | 151  | 150  | 152  | 158  | 161  | 163  | 157  | 152  | 152  | 156  | 159  | 153  |  |  |  |  |
| 30                | 130  | 127  | 124  | 122  | 124  | 123  | 123  | 126  | 126  | 131  | 134  | 130  | 130  | 137  | 132  |  |  |  |  |
| 35                | 78.5 | 80.8 | 79.5 | 72.5 | 60.3 | 61.4 | 71.3 | 79.5 | 67.6 | 57.2 | 77.8 | 81.2 | 59.7 | 79.3 | 80.1 |  |  |  |  |
| 40                | 19.7 | 27.1 | 34.1 | 38.5 | 35.5 | 21.6 | 9.92 | 22.2 | 31.0 | 17.1 | 12.2 | 26.2 | 14.9 | 14.9 | 19.0 |  |  |  |  |
| 45                | 7.27 | 7.11 | 6.92 | 6.83 | 9.40 | 10.4 | 7.90 | 7.30 | 7.37 | 7.92 | 7.34 | 7.24 | 7.58 | 7.09 | 7.49 |  |  |  |  |
| 50                | 6.01 | 5.89 | 5.76 | 5.71 | 5.80 | 5.87 | 5.95 | 6.01 | 6.29 | 6.03 | 6.20 | 6.01 | 6.05 | 6.03 | 6.39 |  |  |  |  |
| 55                | 4.15 | 4.16 | 4.11 | 3.94 | 3.69 | 3.83 | 4.24 | 4.14 | 3.83 | 4.51 | 3.80 | 4.35 | 3.28 | 4.35 | 4.12 |  |  |  |  |
| 60                | 1.94 | 2.05 | 2.21 | 2.36 | 2.41 | 2.14 | 1.77 | 2.06 | 2.43 | 1.83 | 2.32 | 1.67 | 2.12 | 2.03 | 1.72 |  |  |  |  |
| 65                | 1.15 | 1.09 | 1.02 | 0.95 | 0.89 | 1.05 | 1.15 | 1.07 | 0.90 | 1.11 | 0.98 | 1.09 | 0.88 | 0.78 | 0.80 |  |  |  |  |
| 70                | 0.58 | 0.60 | 0.61 | 0.61 | 0.61 | 0.61 | 0.58 | 0.56 | 0.61 | 0.62 | 0.55 | 0.60 | 0.64 | 0.60 | 0.55 |  |  |  |  |
| 75                | 0.34 | 0.34 | 0.34 | 0.34 | 0.32 | 0.28 | 0.24 | 0.29 | 0.34 | 0.30 | 0.27 | 0.25 | 0.30 | 0.26 | 0.21 |  |  |  |  |
| 80                | 0.14 | 0.15 | 0.16 | 0.17 | 0.18 | 0.18 | 0.16 | 0.15 | 0.14 | 0.14 | 0.14 | 0.13 | 0.12 | 0.12 | 0.11 |  |  |  |  |
| 85                | 0.06 | 0.06 | 0.07 | 0.07 | 0.08 | 0.08 | 0.08 | 0.08 | 0.07 | 0.06 | 0.06 | 0.07 | 0.07 | 0.07 | 0.08 |  |  |  |  |
| 90                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |  |  |  |

H(β) Range:-90 - 90DEG  
 H(β) Interval: 1.0DEG  
 Test Speed: HIGH  
 Temperature:25.1DEG  
 Operators:JAV  
 Test Date:2023-01-11

V(B) Range:-90 - 90DEG  
 V(B) Interval: 5.0DEG  
 Test System:EVERFINE GO-2000H\_V1 SYSTEM V2.00.417  
 Humidity:56.9%  
 Test Distance:13.200m [K=1.0000]  
 Remarks: LUMINARIA LED TIPO SPOT 30 W  
 QTEST 26887-07