

LUMINARIA LED

MARCA DRITE, REFERENCIA LAE951  
15 W MÁX. (110-220) V BASE GU10  
BOMBILLA LED REF. BOL1019 3000 K 530 Lm



Light Output Ratio:	100.0%	
Luminaire Power:	6.066 W	
SHR Nominal:	0.50	Calculated using the TM5
SHR Maximum:	0.65	fine grid method.

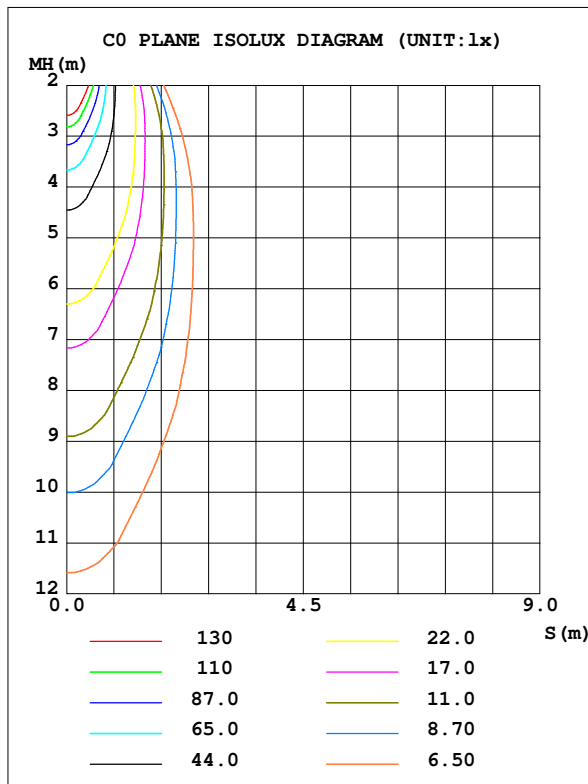
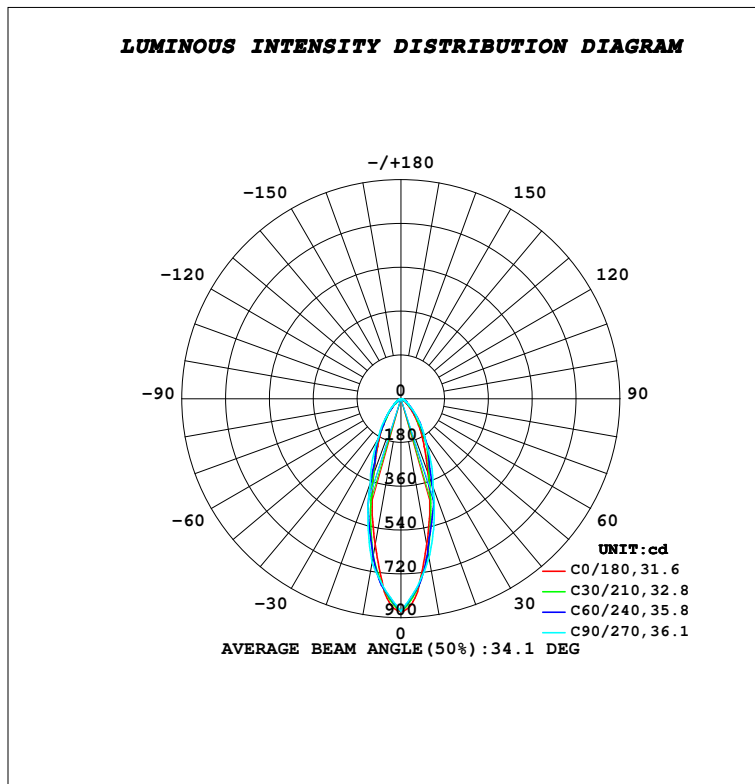
C Range: 0 - 90DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature: 24.7DEG  
Operators: JV  
Test Date: 2021-08-25

γ Range: -90 - 90DEG  
γ Interval: 0.5DEG  
Test System: EVERFINE GO-2000H\_V1 SYSTEM V2.00.417  
Humidity: 59%  
Test Distance: 13.200m [K=1.0000]  
Remarks: LUMINARIA LED MÁX. 15 W  
QTEST 22211-04

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.12V I:0.0867A P:6.0664W PF:0.5825 Freq:60.00Hz Lamp Flux:497.524x1 lm		
NAME: LUMINARIA LED MÁX. 15 W	TYPE:INTERIOR	WEIGHT:NA
SPEC.:NA	DIM.: NA	SERIAL No.:NA
MFR.: DRITE	SUR.:NA	Shielding Angle:NA

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 82.01 lm/W
MODEL	LED BOL1019 7 W	I <sub>max</sub> (cd)	872.9	S/MH (C0/180)		0.51
NOMINAL POWER (W)	7 W	LOR (%)	100.0	S/MH (C90/270)		0.58
RATED VOLTAGE (V)	110-220	TOTAL FLUX (lm)	497.52	η UP, DN (C0-180)		0.0, 51.8
NOMINAL FLUX (lm)	497.524	CIE CLASS	DIRECT	η UP, DN (C180-360)		0.0, 48.2
LAMPS INSIDE	1	η up (%)	0.0	CIBSE SHR NOM		0.50
TEST VOLTAGE (V)	120	η down (%)	100.0	CIBSE SHR MAX		0.65



C Range: 0 - 90DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature: 24.7DEG  
 Operators: JV  
 Test Date: 2021-08-25

γ Range: -90 - 90DEG  
 γ Interval: 0.5DEG  
 Test System: EVERFINE GO-2000H\_V1 SYSTEM V2.00.417  
 Humidity: 59%  
 Test Distance: 13.200m [K=1.0000]  
 Remarks: LUMINARIA LED MÁX. 15 W  
 QTEST 22211-04

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

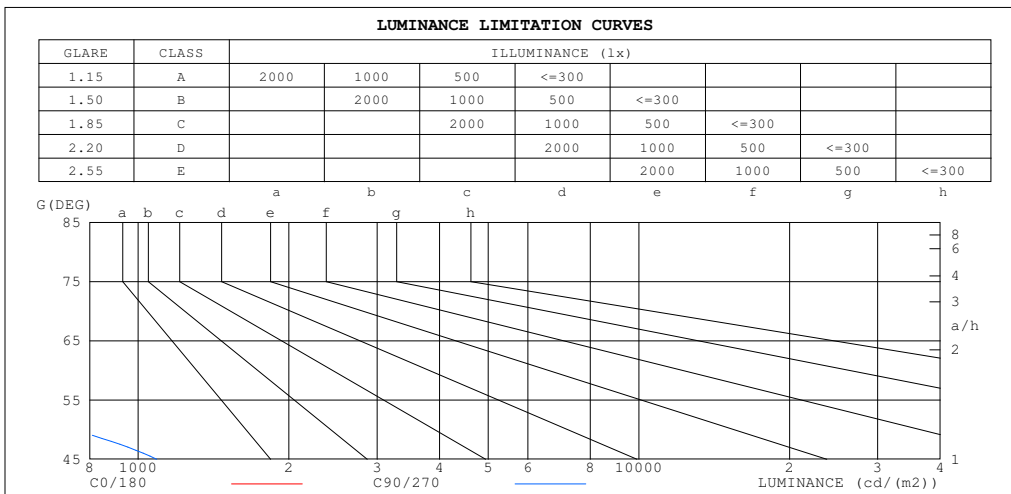
$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	$\Phi$ lum, lamp
10	612.1	636.3	664.8	636.3	612.1	654.9	683.8	654.9	0- 10	70.33	70.33	14.1, 14.1
20	328.9	377.7	385.8	377.7	328.9	370.5	370.1	370.5	10- 20	136.9	207.3	41.7, 41.7
30	171.2	203.6	203.0	203.6	171.2	173.1	188.2	173.1	20- 30	120.6	327.8	65.9, 65.9
40	82.29	99.69	107.6	99.69	82.29	77.36	87.44	77.36	30- 40	85.18	413.0	83, 83
50	34.15	42.54	47.18	42.54	34.15	30.41	36.96	30.41	40- 50	48.76	461.8	92.8, 92.8
60	13.35	17.78	19.33	17.78	13.35	12.89	14.83	12.89	50- 60	23.52	485.3	97.5, 97.5
70	3.565	5.819	5.627	5.819	3.565	4.706	4.820	4.706	60- 70	9.933	495.2	99.5, 99.5
80	0	0.6058	0.1935	0.6058	0	0.5514	0.0554	0.5514	70- 80	2.266	497.5	100, 100
90	0	0	0	0	0	0	0	0	80- 90	0.0451	497.5	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 - 90DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature: 24.7DEG  
 Operators: JV  
 Test Date: 2021-08-25

$\gamma$  Range: -90 - 90DEG  
 $\gamma$  Interval: 0.5DEG  
 Test System: EVERFINE GO-2000H\_V1 SYSTEM V2.00.417  
 Humidity: 59%  
 Test Distance: 13.200m [K=1.0000]  
 Remarks: LUMINARIA LED MÁX. 15 W  
 QTEST 22211-04

**LUMINANCE LIMITATION CURVES**

Test:U:120.12V I:0.0867A P:6.0664W PF:0.5825 Freq:60.00Hz Lamp Flux:497.524x1 lm		
NAME: LUMINARIA LED MÁX. 15 W	TYPE:INTERIOR	WEIGHT:NA
SPEC.:NA	DIM.: NA	SERIAL No.:NA
MFR.: DRITE	SUR.:NA	Shielding Angle:NA



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	0	11
80	0	11
75	40	112
70	104	165
65	193	293
60	267	387
55	374	575
50	531	734
45	750	1090

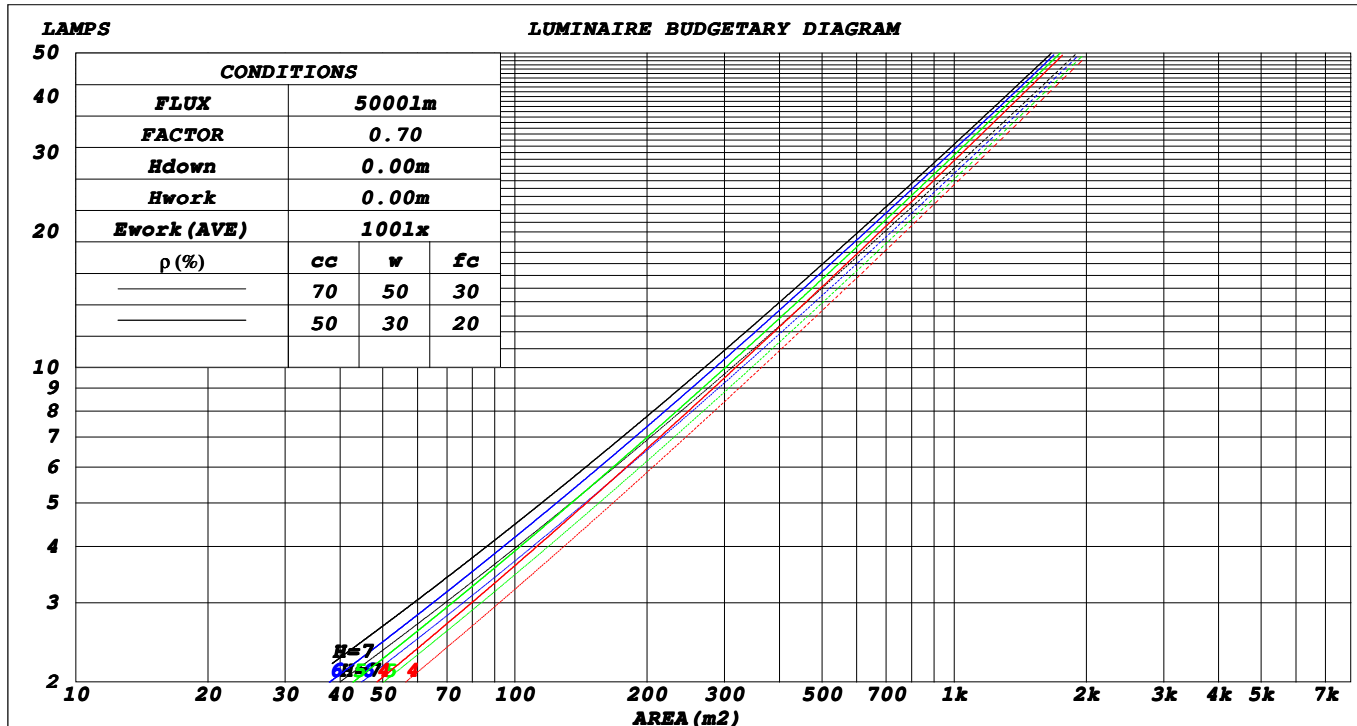
**C Range: 0 - 90DEG**  
**C Interval: 5.0DEG**  
**Test Speed: HIGH**  
**Temperature:24.7DEG**  
**Operators:JV**  
**Test Date:2021-08-25**

**γ Range:-90 - 90DEG**  
**γ Interval: 0.5DEG**  
**Test System:EVERFINE GO-2000H\_V1 SYSTEM V2.00.417**  
**Humidity:59%**  
**Test Distance:13.200m [K=1.0000]**  
**Remarks: LUMINARIA LED MÁX. 15 W**  
**QTEST 22211-04**

**CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM**

Test:U:120.12V I:0.0867A P:6.0664W PF:0.5825 Freq:60.00Hz Lamp Flux:497.524x1 lm		
NAME: LUMINARIA LED MÁX. 15 W	TYPE:INTERIOR	WEIGHT:NA
SPEC.:NA	DIM.: NA	SERIAL No.:NA
MFR.: DRITE	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	1.00
1.0	1.10	1.08	1.05	1.08	1.06	1.04	1.04	1.02	1.00	1.00	.99	.97	.97	.96	.95	.93
2.0	1.02	.98	.94	1.00	.96	.93	.97	.94	.91	.94	.91	.89	.91	.89	.87	.86
3.0	.95	.89	.85	.93	.88	.85	.91	.87	.83	.88	.85	.82	.86	.83	.81	.79
4.0	.88	.82	.78	.87	.82	.77	.85	.80	.77	.83	.79	.76	.81	.78	.75	.73
5.0	.82	.76	.72	.81	.76	.71	.80	.75	.71	.78	.74	.70	.76	.73	.70	.68
6.0	.77	.71	.67	.76	.71	.66	.75	.70	.66	.73	.69	.65	.72	.68	.65	.63
7.0	.73	.66	.62	.72	.66	.62	.71	.65	.62	.69	.65	.61	.68	.64	.61	.59
8.0	.69	.62	.58	.68	.62	.58	.67	.62	.58	.66	.61	.58	.65	.61	.57	.56
9.0	.65	.59	.55	.64	.59	.55	.63	.58	.54	.62	.58	.54	.62	.57	.54	.53
10.0	.62	.56	.52	.61	.55	.52	.60	.55	.52	.59	.55	.51	.59	.54	.51	.50



C Range: 0 - 90DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature: 24.7DEG  
 Operators: JV  
 Test Date: 2021-08-25

$\gamma$  Range: -90 - 90DEG  
 $\gamma$  Interval: 0.5DEG  
 Test System: EVERFINE GO-2000H\_V1 SYSTEM V2.00.417  
 Humidity: 59%  
 Test Distance: 13.200m [K=1.0000]  
 Remarks: LUMINARIA LED MÁX. 15 W  
 QTEST 22211-04

**WEC AND CCEC**

Test:U:120.12V I:0.0867A P:6.0664W PF:0.5825 Freq:60.00Hz Lamp Flux:497.524x1 lm		
NAME: LUMINARIA LED MÁX. 15 W	TYPE:INTERIOR	WEIGHT:NA
SPEC.:NA	DIM.: NA	SERIAL No.:NA
MFR.: DRITE	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	.188	.107	.034	.181	.103	.033	.168	.096	.031	.156	.090	.029	.146	.084	.027	
2.0	.181	.099	.030	.175	.096	.030	.164	.091	.028	.154	.087	.027	.145	.082	.026	
3.0	.172	.092	.027	.167	.090	.027	.158	.086	.026	.149	.082	.025	.142	.078	.024	
4.0	.163	.085	.025	.159	.083	.025	.151	.080	.024	.144	.077	.023	.137	.074	.023	
5.0	.155	.079	.023	.151	.078	.023	.144	.075	.022	.138	.073	.022	.132	.070	.021	
6.0	.147	.074	.021	.144	.073	.021	.138	.070	.021	.132	.069	.020	.126	.067	.020	
7.0	.140	.069	.020	.137	.068	.019	.131	.066	.019	.126	.065	.019	.121	.063	.019	
8.0	.133	.065	.018	.130	.064	.018	.125	.063	.018	.121	.061	.018	.117	.060	.017	
9.0	.127	.061	.017	.124	.061	.017	.120	.059	.017	.116	.058	.017	.112	.057	.016	
10.0	.121	.058	.016	.119	.057	.016	.115	.056	.016	.111	.055	.016	.108	.054	.016	

$\rho_{cc}$	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	.172	.157	.144	.147	.135	.124	.101	.093	.086	.058	.054	.050	.019	.017	.016	
2.0	.157	.132	.111	.135	.114	.096	.092	.079	.067	.053	.046	.039	.017	.015	.013	
3.0	.146	.114	.088	.125	.098	.076	.086	.068	.054	.049	.040	.032	.016	.013	.010	
4.0	.136	.099	.071	.116	.086	.062	.080	.060	.044	.046	.035	.026	.015	.011	.008	
5.0	.127	.088	.058	.109	.076	.051	.075	.053	.036	.044	.031	.021	.014	.010	.007	
6.0	.120	.078	.049	.103	.068	.042	.071	.048	.030	.041	.028	.018	.013	.009	.006	
7.0	.113	.071	.041	.097	.061	.036	.067	.043	.025	.039	.025	.015	.013	.008	.005	
8.0	.107	.065	.035	.092	.056	.031	.064	.039	.022	.037	.023	.013	.012	.008	.004	
9.0	.102	.059	.031	.088	.052	.027	.061	.036	.019	.035	.021	.011	.011	.007	.004	
10.0	.097	.055	.027	.084	.048	.024	.058	.034	.017	.034	.020	.010	.011	.007	.003	

C Range: 0 - 90DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:24.7DEG  
 Operators:JV  
 Test Date:2021-08-25

$\gamma$  Range:-90 - 90DEG  
 $\gamma$  Interval: 0.5DEG  
 Test System:EVERFINE GO-2000H\_V1 SYSTEM V2.00.417  
 Humidity:59%  
 Test Distance:13.200m [K=1.0000]  
 Remarks: LUMINARIA LED MÁX. 15 W  
 QTEST 22211-04

UGR(Unified Glare Rating) Table

Test:U:120.12V I:0.0867A P:6.0664W PF:0.5825 Freq:60.00Hz Lamp Flux:497.524x1 lm										
NAME: LUMINARIA LED MÁX. 15 W					TYPE:INTERIOR			WEIGHT:NA		
SPEC.:NA					DIM.: NA			SERIAL No.:NA		
MFR.: DRITE					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>10.2</b>	<b>11.2</b>	<b>10.4</b>	<b>11.4</b>	<b>11.5</b>	<b>11.4</b>	<b>12.4</b>	<b>11.6</b>	<b>12.5</b>	<b>12.7</b>
<b>3H</b>	<b>10.2</b>	<b>11.1</b>	<b>10.5</b>	<b>11.3</b>	<b>11.5</b>	<b>11.5</b>	<b>12.4</b>	<b>11.7</b>	<b>12.6</b>	<b>12.8</b>
<b>4H</b>	<b>10.1</b>	<b>11.0</b>	<b>10.4</b>	<b>11.2</b>	<b>11.5</b>	<b>11.4</b>	<b>12.3</b>	<b>11.7</b>	<b>12.5</b>	<b>12.7</b>
<b>6H</b>	<b>10.1</b>	<b>10.9</b>	<b>10.4</b>	<b>11.1</b>	<b>11.4</b>	<b>11.4</b>	<b>12.2</b>	<b>11.7</b>	<b>12.4</b>	<b>12.7</b>
<b>8H</b>	<b>10.0</b>	<b>10.8</b>	<b>10.3</b>	<b>11.1</b>	<b>11.3</b>	<b>11.3</b>	<b>12.1</b>	<b>11.6</b>	<b>12.3</b>	<b>12.6</b>
<b>12H</b>	<b>10.0</b>	<b>10.7</b>	<b>10.3</b>	<b>11.0</b>	<b>11.3</b>	<b>11.3</b>	<b>12.0</b>	<b>11.6</b>	<b>12.3</b>	<b>12.6</b>
<b>4H 2H</b>	<b>10.3</b>	<b>11.1</b>	<b>10.5</b>	<b>11.3</b>	<b>11.6</b>	<b>11.3</b>	<b>12.2</b>	<b>11.6</b>	<b>12.4</b>	<b>12.7</b>
<b>3H</b>	<b>10.3</b>	<b>11.1</b>	<b>10.6</b>	<b>11.3</b>	<b>11.6</b>	<b>11.5</b>	<b>12.2</b>	<b>11.8</b>	<b>12.5</b>	<b>12.8</b>
<b>4H</b>	<b>10.3</b>	<b>10.9</b>	<b>10.6</b>	<b>11.2</b>	<b>11.6</b>	<b>11.5</b>	<b>12.1</b>	<b>11.8</b>	<b>12.4</b>	<b>12.7</b>
<b>6H</b>	<b>10.2</b>	<b>10.8</b>	<b>10.5</b>	<b>11.1</b>	<b>11.4</b>	<b>11.4</b>	<b>12.0</b>	<b>11.8</b>	<b>12.3</b>	<b>12.7</b>
<b>8H</b>	<b>10.1</b>	<b>10.7</b>	<b>10.5</b>	<b>11.0</b>	<b>11.4</b>	<b>11.3</b>	<b>11.9</b>	<b>11.7</b>	<b>12.2</b>	<b>12.6</b>
<b>12H</b>	<b>10.1</b>	<b>10.6</b>	<b>10.5</b>	<b>10.9</b>	<b>11.3</b>	<b>11.3</b>	<b>11.8</b>	<b>11.7</b>	<b>12.2</b>	<b>12.5</b>
<b>8H 4H</b>	<b>10.2</b>	<b>10.7</b>	<b>10.5</b>	<b>11.1</b>	<b>11.4</b>	<b>11.3</b>	<b>11.9</b>	<b>11.7</b>	<b>12.2</b>	<b>12.6</b>
<b>6H</b>	<b>10.1</b>	<b>10.5</b>	<b>10.5</b>	<b>10.9</b>	<b>11.3</b>	<b>11.3</b>	<b>11.7</b>	<b>11.7</b>	<b>12.1</b>	<b>12.5</b>
<b>8H</b>	<b>10.0</b>	<b>10.4</b>	<b>10.5</b>	<b>10.8</b>	<b>11.3</b>	<b>11.2</b>	<b>11.6</b>	<b>11.6</b>	<b>12.0</b>	<b>12.5</b>
<b>12H</b>	<b>10.0</b>	<b>10.3</b>	<b>10.4</b>	<b>10.7</b>	<b>11.2</b>	<b>11.1</b>	<b>11.5</b>	<b>11.6</b>	<b>11.9</b>	<b>12.4</b>
<b>12H 4H</b>	<b>10.1</b>	<b>10.6</b>	<b>10.5</b>	<b>11.0</b>	<b>11.4</b>	<b>11.3</b>	<b>11.8</b>	<b>11.7</b>	<b>12.2</b>	<b>12.6</b>
<b>6H</b>	<b>10.0</b>	<b>10.4</b>	<b>10.5</b>	<b>10.8</b>	<b>11.3</b>	<b>11.2</b>	<b>11.6</b>	<b>11.6</b>	<b>12.0</b>	<b>12.5</b>
<b>8H</b>	<b>10.0</b>	<b>10.3</b>	<b>10.4</b>	<b>10.7</b>	<b>11.2</b>	<b>11.1</b>	<b>11.5</b>	<b>11.6</b>	<b>11.9</b>	<b>12.4</b>
<b>Variations with the observer position at spacings:</b>										
<b>S = 1.0H</b>	<b>+ 1.7 / - 3.3</b>					<b>+ 1.4 / - 2.4</b>				
<b>1.5H</b>	<b>+ 2.0 / - 2.3</b>					<b>+ 1.9 / - 2.2</b>				
<b>2.0H</b>	<b>+ 3.1 / - 3.3</b>					<b>+ 3.2 / - 3.2</b>				

CIE Pub.117, 497.5 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -2.4)  
 Area: 0.1 m2

C Range: 0 - 90DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:24.7DEG  
 Operators:JV  
 Test Date:2021-08-25

γ Range:-90 - 90DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-2000H\_V1 SYSTEM V2.00.417  
 Humidity:59%  
 Test Distance:13.200m [K=1.0000]  
 Remarks: LUMINARIA LED MÁX. 15 W  
 QTEST 22211-04

**UTILIZATION FACTORS TABLE**

Test:U:120.12V I:0.0867A P:6.0664W PF:0.5825 Freq:60.00Hz Lamp Flux:497.524x1 lm		
NAME: LUMINARIA LED MÁX. 15 W	TYPE:INTERIOR	WEIGHT:NA
SPEC.:NA	DIM.: NA	SERIAL No.:NA
MFR.: DRITE	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>	81	73	69	80	73	69	79	73	68	64
<b>0.80</b>	89	82	78	88	82	77	87	81	77	73
<b>1.00</b>	95	88	84	94	88	84	92	88	83	79
<b>1.25</b>	100	93	89	98	93	89	96	92	88	83
<b>1.50</b>	103	97	93	102	96	93	99	95	92	87
<b>2.00</b>	106	102	98	105	100	97	102	98	96	90
<b>2.50</b>	108	104	101	107	103	100	104	100	98	91
<b>3.00</b>	110	106	103	108	105	102	105	102	100	93
<b>4.00</b>	113	109	107	111	108	105	107	105	103	95
<b>5.00</b>	114	111	109	112	109	108	108	106	104	97
<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>			

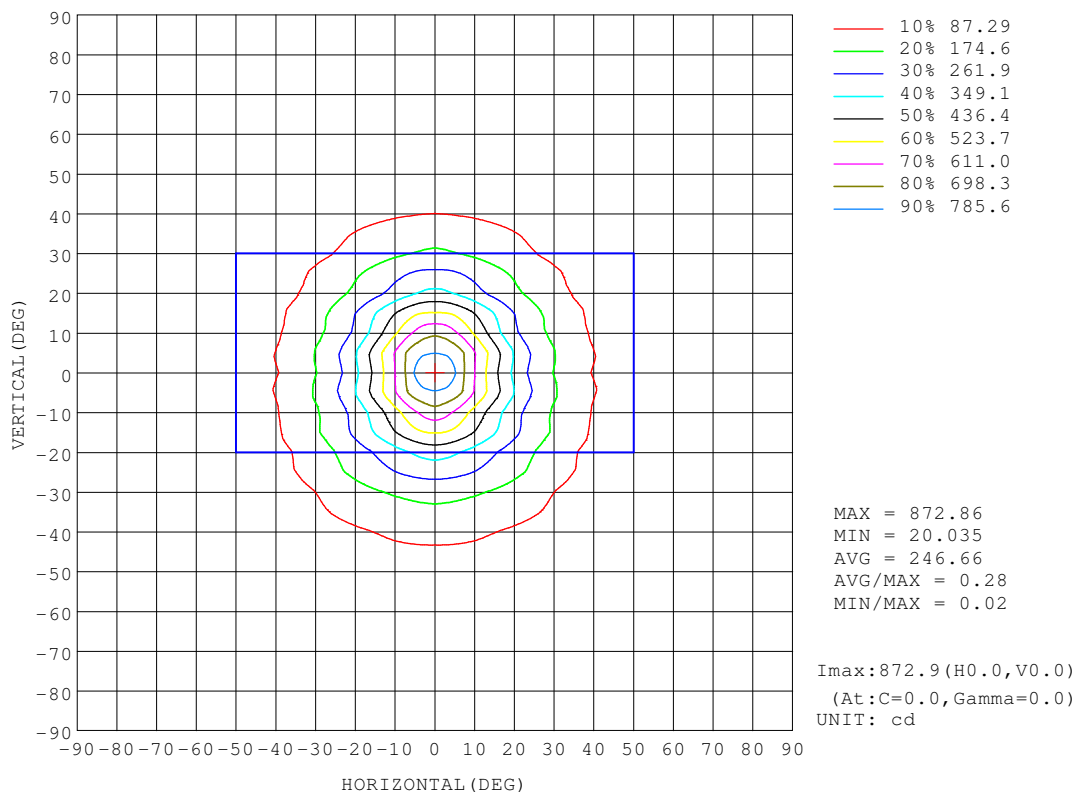
C Range: 0 - 90DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:24.7DEG  
 Operators:JV  
 Test Date:2021-08-25

$\gamma$  Range:-90 - 90DEG  
 $\gamma$  Interval: 0.5DEG  
 Test System:EVERFINE GO-2000H\_V1 SYSTEM V2.00.417  
 Humidity:59%  
 Test Distance:13.200m [K=1.0000]  
 Remarks: LUMINARIA LED MÁX. 15 W  
 QTEST 22211-04



**ISOCANDELA DIAGRAM**

Test:U:120.12V I:0.0867A P:6.0664W PF:0.5825 Freq:60.00Hz Lamp Flux:497.524x1 lm		
NAME: LUMINARIA LED MÁX. 15 W	TYPE:INTERIOR	WEIGHT:NA
SPEC.:NA	DIM.: NA	SERIAL No.:NA
MFR.: DRITE	SUR.:NA	Shielding Angle:NA

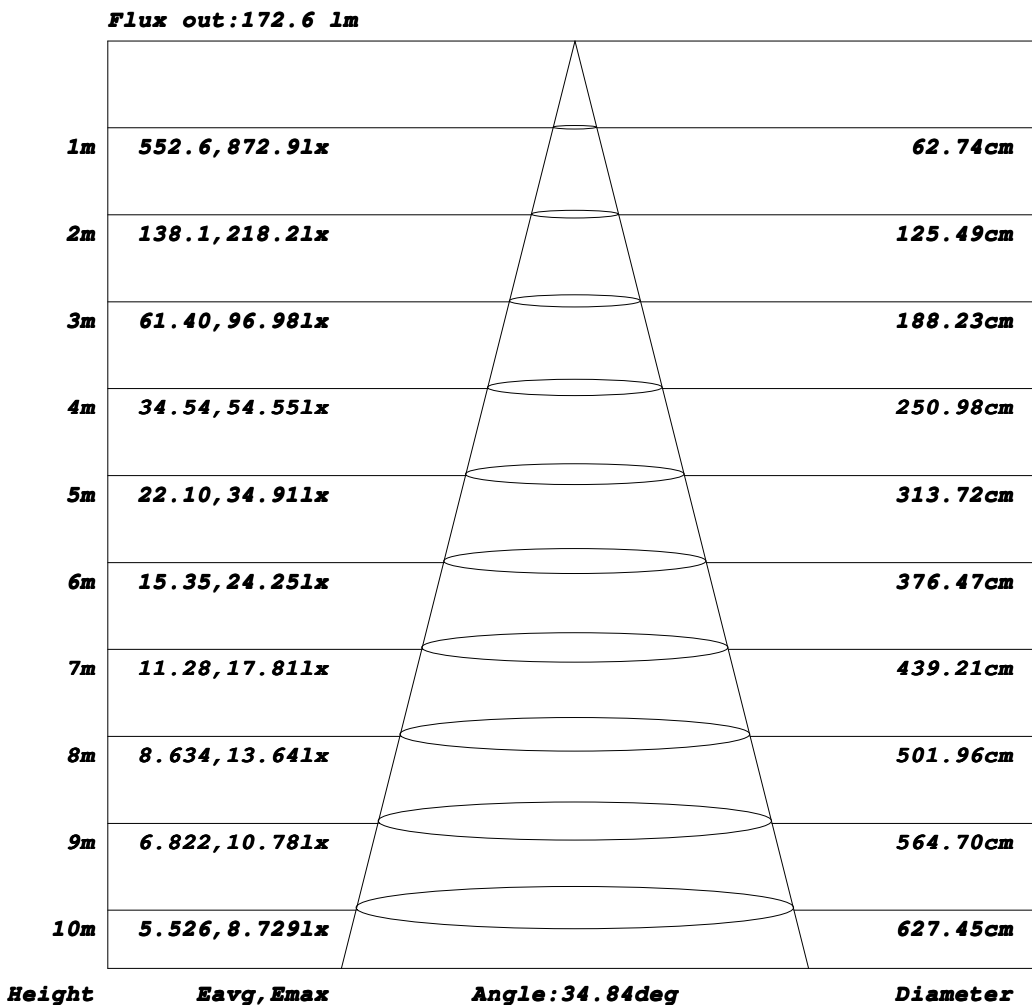


**C Range: 0 - 90DEG**  
**C Interval: 5.0DEG**  
**Test Speed: HIGH**  
**Temperature: 24.7DEG**  
**Operators: JV**  
**Test Date: 2021-08-25**

**γ Range: -90 - 90DEG**  
**γ Interval: 0.5DEG**  
**Test System: EVERFINE GO-2000H\_V1 SYSTEM V2.00.417**  
**Humidity: 59%**  
**Test Distance: 13.200m [K=1.0000]**  
**Remarks: LUMINARIA LED MÁX. 15 W**  
**QTEST 22211-04**

**AAI Figure**

Test:U:120.12V I:0.0867A P:6.0664W PF:0.5825 Freq:60.00Hz Lamp Flux:497.524x1 lm		
NAME: LUMINARIA LED MÁX. 15 W	TYPE:INTERIOR	WEIGHT:NA
SPEC.:NA	DIM.: NA	SERIAL No.:NA
MFR.: DRITE	SUR.:NA	Shielding Angle:NA



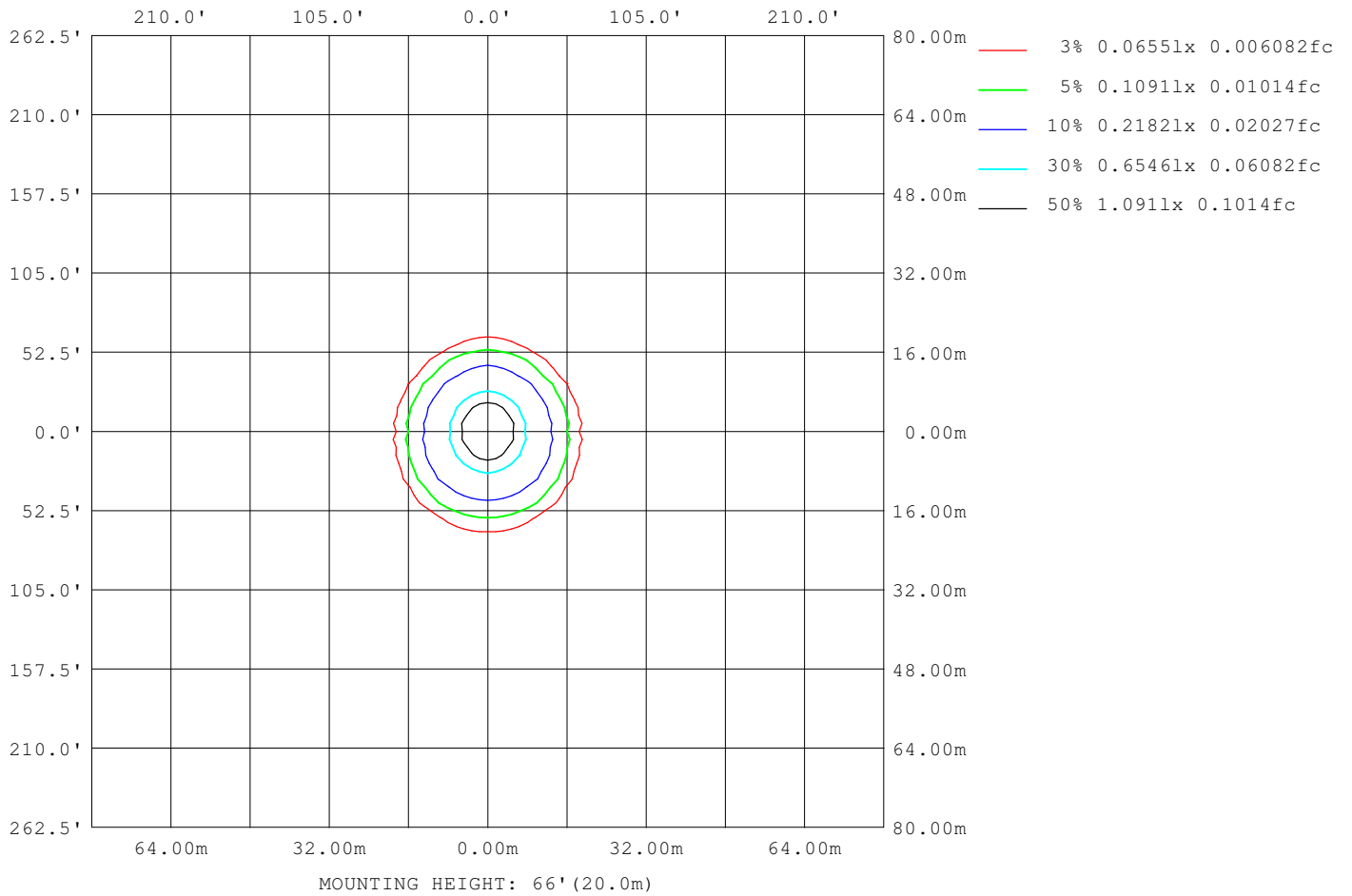
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 90DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:24.7DEG  
 Operators:JV  
 Test Date:2021-08-25

γ Range:-90 - 90DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-2000H\_V1 SYSTEM V2.00.417  
 Humidity:59%  
 Test Distance:13.200m [K=1.0000]  
 Remarks: LUMINARIA LED MÁX. 15 W  
 QTEST 22211-04

**ISOLUX DIAGRAM**

Test:U:120.12V I:0.0867A P:6.0664W PF:0.5825 Freq:60.00Hz Lamp Flux:497.524x1 lm		
NAME: LUMINARIA LED MÁX. 15 W	TYPE: INTERIOR	WEIGHT: NA
SPEC.: NA	DIM.: NA	SERIAL No.: NA
MFR.: DRITE	SUR.: NA	Shielding Angle: NA



**C Range: 0 - 90DEG**  
**C Interval: 5.0DEG**  
**Test Speed: HIGH**  
**Temperature: 24.7DEG**  
**Operators: JV**  
**Test Date: 2021-08-25**

**γ Range: -90 - 90DEG**  
**γ Interval: 0.5DEG**  
**Test System: EVERFINE GO-2000H\_V1 SYSTEM V2.00.417**  
**Humidity: 59%**  
**Test Distance: 13.200m [K=1.0000]**  
**Remarks: LUMINARIA LED MÁX. 15 W**  
**QTEST 22211-04**

**LED Avg.L Report**

Test:U:120.12V I:0.0867A P:6.0664W PF:0.5825 Freq:60.00Hz Lamp Flux:497.524x1 lm		
NAME: LUMINARIA LED MÁX. 15 W	TYPE:INTERIOR	WEIGHT:NA
SPEC.:NA	DIM.: NA	SERIAL No.:NA
MFR.: DRITE	SUR.:NA	Shielding Angle:NA

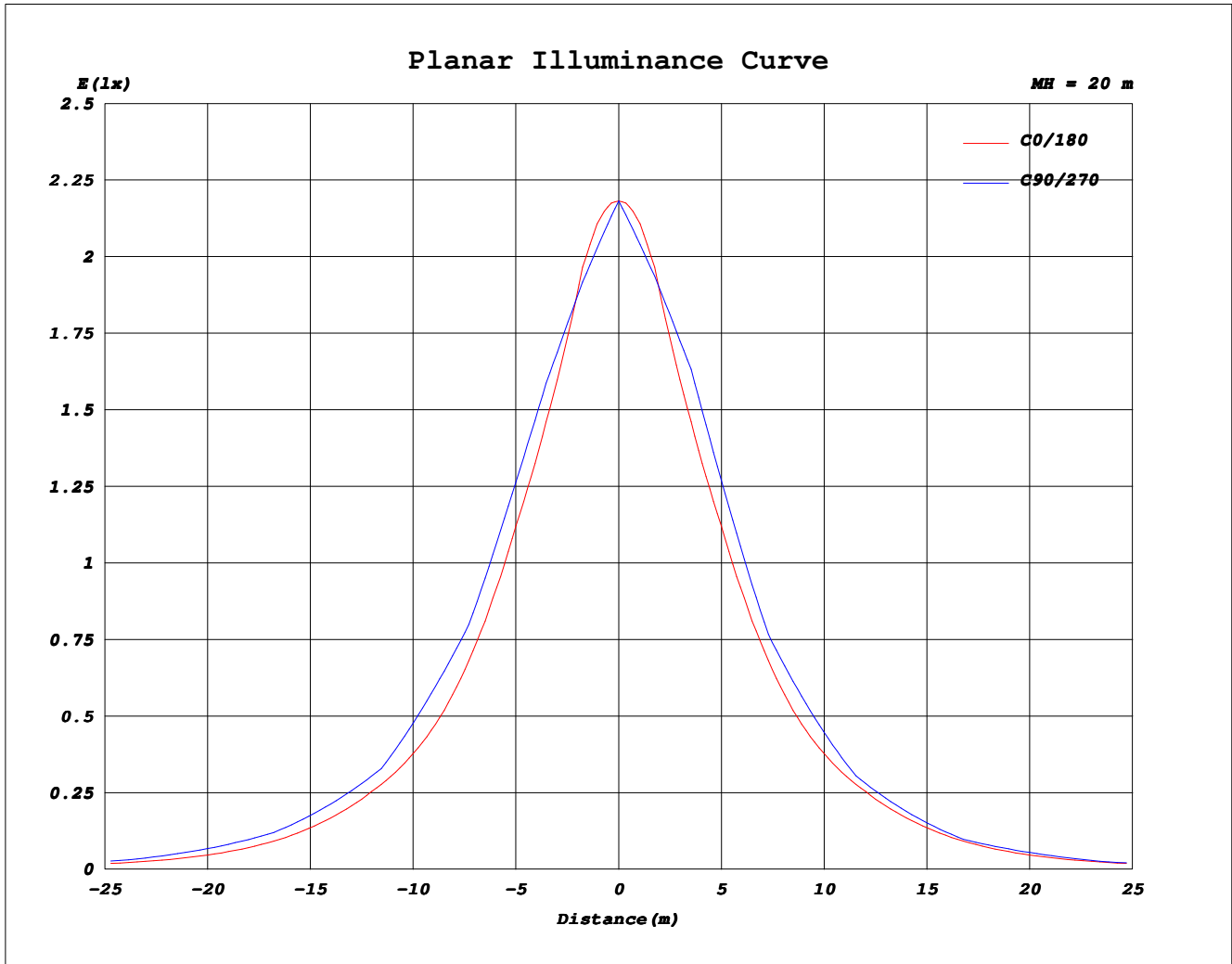
AvgL	cd/m2
L_0~180 (65) av	193
L_0~180 (75) av	40
L_0~180 (85) av	0
L_90~270 (65) av	264
L_90~270 (75) av	103
L_90~270 (85) av	7
L_45 (65) av	242
L_45 (75) av	68
L_45 (85) av	0

Standard: GB/T 29293-2012

**C Range: 0 - 90DEG**  
**C Interval: 5.0DEG**  
**Test Speed: HIGH**  
**Temperature:24.7DEG**  
**Operators:JV**  
**Test Date:2021-08-25**

**γ Range:-90 - 90DEG**  
**γ Interval: 0.5DEG**  
**Test System:EVERFINE GO-2000H\_V1 SYSTEM V2.00.417**  
**Humidity:59%**  
**Test Distance:13.200m [K=1.0000]**  
**Remarks: LUMINARIA LED MÁX. 15 W**  
**QTEST 22211-04**

Planar Illuminance Curve



C Range: 0 - 90DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature: 24.7DEG  
Operators: JV  
Test Date: 2021-08-25

γ Range: -90 - 90DEG  
γ Interval: 0.5DEG  
Test System: EVERFINE GO-2000H\_V1 SYSTEM V2.00.417  
Humidity: 59%  
Test Distance: 13.200m [K=1.0000]  
Remarks: LUMINARIA LED MÁX. 15 W  
QTEST 22211-04

MARCA DRITE, REFERENCIA LAE951  
15 W MÁX. (110-220) V BASE GU10  
BOMBILLA LED REF. BOL1019 3000 K 530 Lm

Test Distance: 13.200 metres  
Test Temperature: 24.7 degrees Celsius

Significance: PHOTOMETRIC TEST  
D-LUX  
Carrera 46 # 14-213, Medellín - Antioquia  
SAMPLES RECEIVED IN 2021-08-19

Special Notes: TEST EQUIPMENT

GONIOPHOTOMETER SYSTEM: 109A  
POWER SUPPLY: 107A  
POWER ANALIZER: 110A  
THERMOHYGROMETER 294M

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.

Checked / Approved: Checked  
JORGE VALENCIA

Approved  
CLAUDIA BETANCUR

Testing Procedure: IESNA LM 79 de 2019 numeral 10

C Range: 0 - 90DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature: 24.7DEG  
Operators: JV  
Test Date: 2021-08-25

γ Range: -90 - 90DEG  
γ Interval: 0.5DEG  
Test System: EVERFINE GO-2000H\_V1 SYSTEM V2.00.417  
Humidity: 59%  
Test Distance: 13.200m [K=1.0000]  
Remarks: LUMINARIA LED MÁX. 15 W  
QTEST 22211-04

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.12V I:0.0867A P:6.0664W PF:0.5825 Freq:60.00Hz Lamp Flux:497.524x1 lm		
NAME: LUMINARIA LED MÁX. 15 W	TYPE:INTERIOR	WEIGHT:NA
SPEC.:NA	DIM.: NA	SERIAL No.:NA
MFR.: DRITE	SUR.:NA	Shielding Angle:NA

Table--1

UNIT: cd

C (DEG) \ γ (DEG)	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
0	873	873	873	873	873	873	873	873	873	873	873	873	873	873	873	873	873	873	873
5	796	791	788	785	783	782	782	782	781	781	781	780	778	777	776	776	776	776	776
10	612	612	615	619	626	635	645	640	637	636	634	634	637	638	642	648	655	660	665
15	461	466	474	485	494	483	475	471	468	473	482	491	501	511	519	524	528	529	527
20	329	339	353	364	353	344	340	354	365	378	380	378	376	376	376	377	379	381	386
25	233	245	260	255	246	250	264	280	276	272	266	270	275	281	286	291	293	296	296
30	171	182	190	181	183	196	201	197	195	204	211	215	213	210	207	203	201	201	203
35	122	134	134	127	139	142	136	142	152	153	150	147	151	154	154	154	155	155	156
40	82.3	93.9	88.6	91.0	97.2	90.5	98.5	105	101	99.7	106	111	112	111	109	109	108	108	108
45	53.0	63.1	54.2	64.0	59.1	63.7	67.1	62.5	68.5	73.5	71.4	68.7	70.2	73.8	76.3	77.8	78.2	77.9	77.0
50	34.1	39.4	36.8	39.2	39.0	42.0	40.0	45.7	45.3	42.5	45.9	49.0	50.4	50.0	49.2	48.4	47.8	47.5	47.2
55	21.5	24.4	25.5	22.8	26.3	24.5	28.5	26.5	28.8	31.2	30.5	29.3	29.9	31.2	32.3	33.1	33.6	33.6	33.0
60	13.3	14.3	15.6	16.1	14.7	16.8	15.8	18.5	18.2	17.8	19.3	20.6	20.8	20.6	20.3	20.1	19.8	19.6	19.3
65	8.16	8.50	8.58	9.01	10.1	9.76	10.4	10.1	11.3	11.7	11.5	11.4	11.8	12.1	12.4	12.6	12.7	12.6	12.4
70	3.57	4.74	5.13	5.22	4.87	4.40	5.32	5.15	4.94	5.82	6.32	6.32	6.12	5.98	5.90	5.86	5.77	5.69	5.63
75	1.04	1.33	1.43	1.61	1.42	1.71	1.57	2.08	2.18	1.88	1.76	1.96	2.21	2.50	2.73	2.88	2.95	2.94	2.90
80	0.00	0.10	0.15	0.22	0.16	0.28	0.14	0.41	0.58	0.61	0.59	0.54	0.48	0.43	0.37	0.30	0.25	0.21	0.19
85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.03	0.05	0.08	0.09	0.10	0.10
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

C Range: 0 - 90DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:24.7DEG  
 Operators:JV  
 Test Date:2021-08-25

γ Range:-90 - 90DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-2000H\_V1 SYSTEM V2.00.417  
 Humidity:59%  
 Test Distance:13.200m [K=1.0000]  
 Remarks: LUMINARIA LED MÁX. 15 W  
 QTEST 22211-04

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.12V I:0.0867A P:6.0664W PF:0.5825 Freq:60.00Hz Lamp Flux:497.524x1 lm		
NAME: LUMINARIA LED MÁX. 15 W	TYPE:INTERIOR	WEIGHT:NA
SPEC.:NA	DIM.: NA	SERIAL No.:NA
MFR.: DRITE	SUR.:NA	Shielding Angle:NA

Table--2

UNIT: cd

C (DEG) \ γ (DEG)	95	100	105	110	115	120	125	130	135	140	145	150	155	160	165	170	175	180	185
0	873	873	873	873	873	873	873	873	873	873	873	873	873	873	873	873	873	873	873
5	776	776	776	776	777	778	780	781	781	781	782	782	782	783	785	788	791	796	793
10	660	655	648	642	638	637	634	634	636	637	640	645	635	626	619	615	612	612	614
15	529	528	524	519	511	501	491	482	473	468	471	475	483	494	485	474	466	461	468
20	381	379	377	376	376	376	378	380	378	365	354	340	344	353	364	353	339	329	338
25	296	293	291	286	281	275	270	266	272	276	280	264	250	246	255	260	245	233	242
30	201	201	203	207	210	213	215	211	204	195	197	201	196	183	181	190	182	171	179
35	155	155	154	154	154	151	147	150	153	152	142	136	142	139	127	134	134	122	131
40	108	108	109	109	111	112	111	106	99.7	101	105	98.5	90.5	97.2	91.0	88.6	93.9	82.3	91.8
45	77.9	78.2	77.8	76.3	73.8	70.2	68.7	71.4	73.5	68.5	62.5	67.1	63.7	59.1	64.0	54.2	63.1	53.0	62.6
50	47.5	47.8	48.4	49.2	50.0	50.4	49.0	45.9	42.5	45.3	45.7	40.0	42.0	39.0	39.2	36.8	39.4	34.1	38.8
55	33.6	33.6	33.1	32.3	31.2	29.9	29.3	30.5	31.2	28.8	26.5	28.5	24.5	26.3	22.8	25.5	24.4	21.5	23.6
60	19.6	19.8	20.1	20.3	20.6	20.8	20.6	19.3	17.8	18.2	18.5	15.8	16.8	14.7	16.1	15.6	14.3	13.3	13.8
65	12.6	12.7	12.6	12.4	12.1	11.8	11.4	11.5	11.7	11.3	10.1	10.4	9.76	10.1	9.01	8.58	8.50	8.16	8.24
70	5.69	5.77	5.86	5.90	5.98	6.12	6.32	6.32	5.82	4.94	5.15	5.32	4.40	4.87	5.22	5.13	4.74	3.57	4.67
75	2.94	2.95	2.88	2.73	2.50	2.21	1.96	1.76	1.88	2.18	2.08	1.57	1.71	1.42	1.61	1.43	1.33	1.04	1.36
80	0.21	0.25	0.30	0.37	0.43	0.48	0.54	0.59	0.61	0.58	0.41	0.14	0.28	0.16	0.22	0.15	0.10	0.00	0.11
85	0.10	0.09	0.08	0.05	0.03	0.01	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
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

C Range: 0 - 90DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:24.7DEG  
 Operators:JV  
 Test Date:2021-08-25

γ Range:-90 - 90DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-2000H\_V1 SYSTEM V2.00.417  
 Humidity:59%  
 Test Distance:13.200m [K=1.0000]  
 Remarks: LUMINARIA LED MÁX. 15 W  
 QTEST 22211-04



LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.12V I:0.0867A P:6.0664W PF:0.5825 Freq:60.00Hz Lamp Flux:497.524x1 lm		
NAME: LUMINARIA LED MÁX. 15 W	TYPE:INTERIOR	WEIGHT:NA
SPEC.:NA	DIM.: NA	SERIAL No.:NA
MFR.: DRITE	SUR.:NA	Shielding Angle:NA

Table--3

UNIT: cd

C (DEG) \ γ (DEG)	190	195	200	205	210	215	220	225	230	235	240	245	250	255	260	265	270	275	280
0	873	873	873	873	873	873	873	873	873	873	873	873	873	873	873	873	873	873	873
5	790	789	788	788	788	789	789	789	789	789	787	786	785	784	784	784	784	784	784
10	619	626	635	646	658	655	654	655	654	656	659	663	669	674	679	681	684	681	679
15	477	490	499	491	485	481	482	488	496	505	513	521	529	533	531	529	525	529	531
20	350	359	346	336	332	345	359	370	373	368	364	362	361	363	365	368	370	368	365
25	254	246	235	235	245	258	252	245	235	238	248	257	265	273	279	280	278	280	279
30	183	172	170	179	181	173	168	173	179	184	184	183	183	183	183	185	188	185	183
35	128	118	126	126	117	120	127	126	122	117	122	126	130	133	136	137	138	137	136
40	85.3	84.7	87.7	79.2	82.5	86.2	80.7	77.4	82.1	86.7	88.1	87.1	86.5	86.1	85.6	85.9	87.4	85.9	85.6
45	53.7	60.3	53.8	55.2	55.7	49.8	53.1	55.5	52.9	50.0	51.5	55.2	57.9	59.8	60.9	61.9	62.7	61.9	60.9
50	35.5	36.8	35.1	36.2	32.5	35.4	34.1	30.4	32.4	34.8	36.3	36.6	36.4	36.2	36.0	36.3	37.0	36.3	36.0
55	24.1	21.0	23.7	21.2	23.1	20.3	21.1	22.3	21.5	20.4	20.9	22.1	23.4	24.4	25.2	25.8	26.2	25.8	25.2
60	14.6	14.7	13.1	14.5	13.1	14.4	13.6	12.9	13.7	14.5	14.7	14.7	14.6	14.5	14.5	14.6	14.8	14.6	14.5
65	8.11	8.33	9.07	8.55	8.82	8.28	8.74	8.77	8.54	8.32	8.59	8.81	9.04	9.32	9.58	9.77	9.92	9.77	9.58
70	4.97	4.96	4.57	4.11	4.76	4.48	4.22	4.71	4.93	4.86	4.72	4.62	4.59	4.65	4.68	4.73	4.82	4.73	4.68
75	1.49	1.66	1.48	1.68	1.54	1.89	1.89	1.65	1.61	1.77	1.89	2.03	2.17	2.29	2.36	2.41	2.46	2.41	2.36
80	0.14	0.22	0.11	0.27	0.01	0.30	0.51	0.55	0.54	0.48	0.41	0.32	0.23	0.14	0.07	0.06	0.06	0.06	0.07
85	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	0.01	0.02	0.03	0.02	0.01
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

C Range: 0 - 90DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:24.7DEG  
 Operators:JV  
 Test Date:2021-08-25

γ Range:-90 - 90DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-2000H\_V1 SYSTEM V2.00.417  
 Humidity:59%  
 Test Distance:13.200m [K=1.0000]  
 Remarks: LUMINARIA LED MÁX. 15 W  
 QTEST 22211-04

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.12V I:0.0867A P:6.0664W PF:0.5825 Freq:60.00Hz Lamp Flux:497.524x1 lm		
NAME: LUMINARIA LED MÁX. 15 W	TYPE:INTERIOR	WEIGHT:NA
SPEC.:NA	DIM.: NA	SERIAL No.:NA
MFR.: DRITE	SUR.:NA	Shielding Angle:NA

Table--4

UNIT: cd

C (DEG) \ γ (DEG)	285	290	295	300	305	310	315	320	325	330	335	340	345	350	355				
0	873	873	873	873	873	873	873	873	873	873	873	873	873	873	873				
5	784	785	786	787	789	789	789	789	789	788	788	788	789	790	793				
10	674	669	663	659	656	654	655	654	655	658	646	635	626	619	614				
15	533	529	521	513	505	496	488	482	481	485	491	499	490	477	468				
20	363	361	362	364	368	373	370	359	345	332	336	346	359	350	338				
25	273	265	257	248	238	235	245	252	258	245	235	235	246	254	242				
30	183	183	183	184	184	179	173	168	173	181	179	170	172	183	179				
35	133	130	126	122	117	122	126	127	120	117	126	126	118	128	131				
40	86.1	86.5	87.1	88.1	86.7	82.1	77.4	80.7	86.2	82.5	79.2	87.7	84.7	85.3	91.8				
45	59.8	57.9	55.2	51.5	50.0	52.9	55.5	53.1	49.8	55.7	55.2	53.8	60.3	53.7	62.6				
50	36.2	36.4	36.6	36.3	34.8	32.4	30.4	34.1	35.4	32.5	36.2	35.1	36.8	35.5	38.8				
55	24.4	23.4	22.1	20.9	20.4	21.5	22.3	21.1	20.3	23.1	21.2	23.7	21.0	24.1	23.6				
60	14.5	14.6	14.7	14.7	14.5	13.7	12.9	13.6	14.4	13.1	14.5	13.1	14.7	14.6	13.8				
65	9.32	9.04	8.81	8.59	8.32	8.54	8.77	8.74	8.28	8.82	8.55	9.07	8.33	8.11	8.24				
70	4.65	4.59	4.62	4.72	4.86	4.93	4.71	4.22	4.48	4.76	4.11	4.57	4.96	4.97	4.67				
75	2.29	2.17	2.03	1.89	1.77	1.61	1.65	1.89	1.89	1.54	1.68	1.48	1.66	1.49	1.36				
80	0.14	0.23	0.32	0.41	0.48	0.54	0.55	0.51	0.30	0.01	0.27	0.11	0.22	0.14	0.11				
85	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				
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				

C Range: 0 - 90DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:24.7DEG  
 Operators:JV  
 Test Date:2021-08-25

γ Range:-90 - 90DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-2000H\_V1 SYSTEM V2.00.417  
 Humidity:59%  
 Test Distance:13.200m [K=1.0000]  
 Remarks: LUMINARIA LED MÁX. 15 W  
 QTEST 22211-04