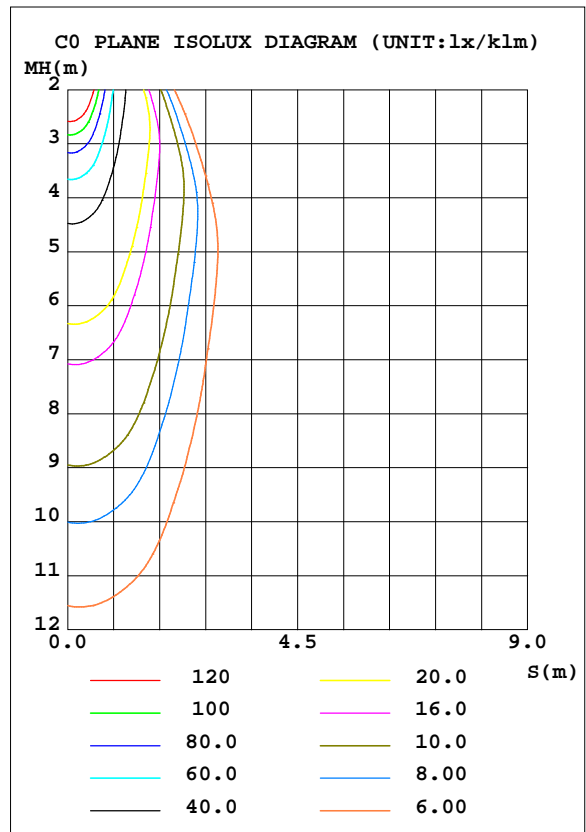
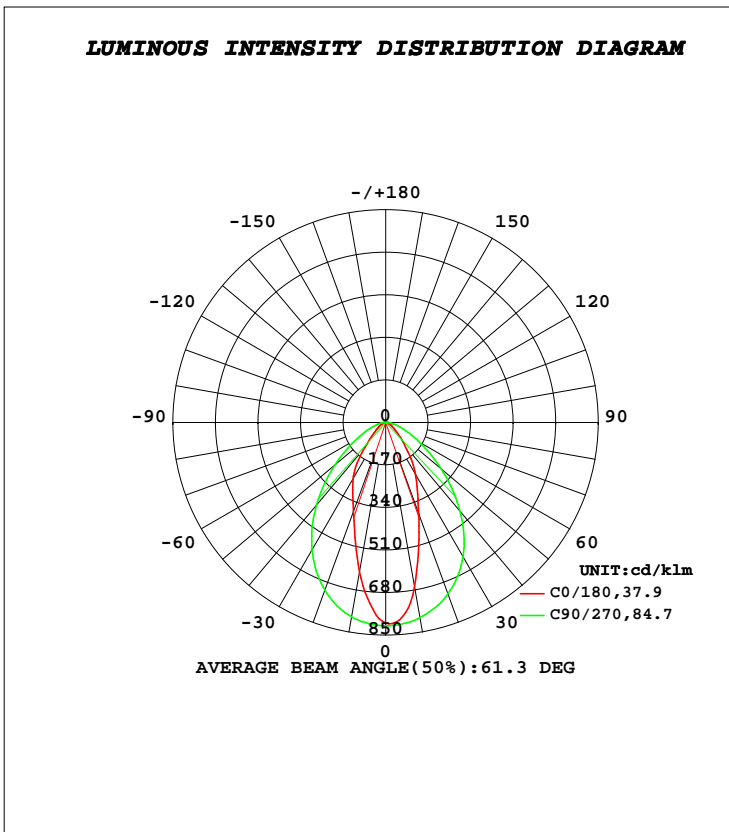


**LUMINAIRE PHOTOMETRIC TEST REPORT**

Test:U:224.92V I:0.1834A P:40.039W PF:0.9705 Freq:49.98Hz Lamp Flux:6494.05x1 lm		
NAME: LED Linear Lighting System	TYPE:	WEIGHT:4kg
SPEC.:	DIM.: 1416*70*85mm	SERIAL No.:
MFR.:	SUR.:1416*70mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA			
MODEL	CSLS-1540-40NR-05WH	Imax(cd/klm)	814.8	S/MH(C0/180)	0.58
NOMINAL POWER(W)	40	LOR(%)	100.0	S/MH(C90/270)	1.10
RATED VOLTAGE(V)	230.0	TOTAL FLUX(lm/klm)	1000.00	$\eta$ UP, DN(C0-180)	1.0,49.9
NOMINAL FLUX(lm)	6494.05	CIE CLASS	DIRECT	$\eta$ UP, DN(C180-360)	0.8,48.3
LAMPS INSIDE	1	$\eta$ up(%)	1.8	CIBSE SHR NOM	0.75
TEST VOLTAGE(V)	230.0	$\eta$ down(%)	98.2	CIBSE SHR MAX	0.80



**C Range: 0 - 360DEG**  
**C Interval: 22.5DEG**  
**Test Speed: HIGH**  
**Temperature:25.3DEG**  
**Operators:Kaye**  
**Test Date:2017-02-13**

**$\gamma$  Range: 0 - 180DEG**  
 **$\gamma$  Interval: 1.0DEG**  
**Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.366**  
**Humidity:65.0%**  
**Test Distance:7.100m [K=1.0000]**  
**Remarks:**

**ZONAL FLUX DIAGRAM**

**ZONAL FLUX DIAGRAM:**

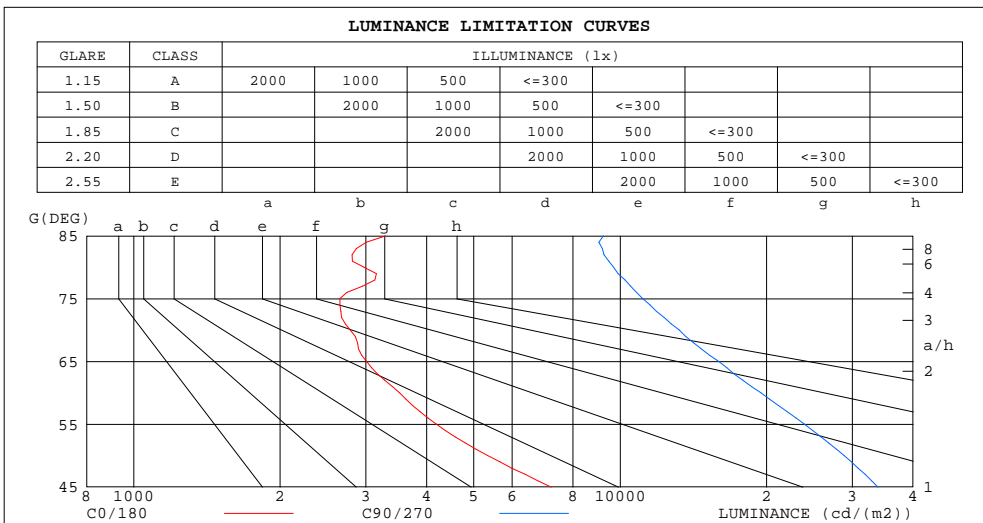
$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum,lamp
10	667.0	738.3	791.7	675.0	604.9	679.8	788.9	739.9	0- 10	72.22	72.22	7.22,7.22
20	387.8	510.6	728.4	470.5	378.5	473.3	712.5	510.2	10- 20	171.3	243.5	24.4,24.4
30	239.2	326.1	619.4	321.2	261.6	320.4	589.0	322.0	20- 30	202.7	446.2	44.6,44.6
40	118.3	215.4	462.7	227.9	130.3	221.2	430.3	207.1	30- 40	191.4	637.6	63.8,63.8
50	53.88	131.0	291.3	141.3	54.60	136.6	266.5	124.7	40- 50	147.5	785.1	78.5,78.5
60	27.63	72.90	152.8	75.45	28.24	71.82	136.5	68.55	50- 60	97.71	882.8	88.3,88.3
70	14.95	38.94	71.06	40.36	15.46	38.04	61.25	36.12	60- 70	58.32	941.2	94.1,94.1
80	8.105	18.80	26.43	19.30	8.376	17.52	21.45	16.81	70- 80	30.22	971.4	97.1,97.1
90	3.673	4.782	2.921	4.796	3.590	4.360	1.796	4.385	80- 90	10.60	982.0	98.2,98.2
100	3.469	4.413	2.544	4.271	3.358	3.783	1.725	3.934	90-100	4.236	986.2	98.6,98.6
110	3.248	4.426	2.591	4.128	3.139	3.547	1.734	3.698	100-110	3.810	990.0	99,99
120	3.087	3.307	2.627	3.384	2.734	2.673	1.720	2.420	110-120	3.080	993.1	99.3,99.3
130	2.603	2.861	2.617	3.025	1.926	2.002	1.706	1.715	120-130	2.291	995.4	99.5,99.5
140	2.585	2.613	2.574	2.726	1.554	1.491	1.679	1.297	130-140	1.688	997.1	99.7,99.7
150	2.699	2.411	2.431	2.608	1.319	1.348	1.651	1.238	140-150	1.258	998.3	99.8,99.8
160	2.776	2.394	2.244	2.479	1.237	1.465	1.605	1.416	150-160	0.9015	999.2	99.9,99.9
170	2.679	2.238	2.108	2.296	1.547	1.698	1.855	1.729	160-170	0.5592	999.8	100,100
180	2.193	2.032	2.061	2.104	2.194	2.029	2.061	2.105	170-180	0.1944	1000.0	100,100
DEG	LUMINOUS INTENSITY:cd/klm									UNIT: lm/klm		

**C Range: 0 - 360DEG**  
**C Interval: 22.5DEG**  
**Test Speed: HIGH**  
**Temperature:25.3DEG**  
**Operators:Kaye**  
**Test Date:2017-02-13**

**$\gamma$  Range: 0 - 180DEG**  
 **$\gamma$  Interval: 1.0DEG**  
**Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.366**  
**Humidity:65.0%**  
**Test Distance:7.100m [K=1.0000]**  
**Remarks:**

**LUMINANCE LIMITATION CURVES**

Test:U:224.92V I:0.1834A P:40.039W PF:0.9705 Freq:49.98Hz Lamp Flux:6494.05x1 lm		
NAME: LED Linear Lighting System	TYPE:	WEIGHT:4kg
SPEC.:	DIM.: 1416*70*85mm	SERIAL No.:
MFR.:	SUR.:1416*70mm	Shielding Angle:



LUMINANCE cd/(m2)		
G( DEG)	C0/180	C90/270
85	3295	9242
80	2972	9692
75	2652	11130
70	2784	13228
65	3011	15942
60	3518	19453
55	4187	23920
50	5337	28855
45	7210	33902

**C Range: 0 - 360DEG**  
**C Interval: 22.5DEG**  
**Test Speed: HIGH**  
**Temperature: 25.3DEG**  
**Operators: Kaye**  
**Test Date: 2017-02-13**

**γ Range: 0 - 180DEG**  
**γ Interval: 1.0DEG**  
**Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.366**  
**Humidity: 65.0%**  
**Test Distance: 7.100m [K=1.0000]**  
**Remarks:**

WEC AND CCEC

Test:U:224.92V I:0.1834A P:40.039W PF:0.9705 Freq:49.98Hz Lamp Flux:6494.05x1 Lm		
NAME: LED Linear Lighting System	TYPE:	WEIGHT:4kg
SPEC.:	DIM.: 1416*70*85mm	SERIAL No.:
MFR.:	SUR.:1416*70mm	Shielding Angle:

$\rho_{cc}$	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	.246	.140	.044	.239	.136	.043	.225	.129	.041	.212	.122	.039	.200	.116	.037	
2.0	.234	.128	.039	.227	.125	.039	.215	.120	.037	.204	.114	.036	.194	.109	.035	
3.0	.219	.117	.035	.214	.114	.034	.203	.110	.033	.193	.106	.032	.184	.102	.032	
4.0	.205	.107	.031	.200	.105	.031	.191	.101	.030	.182	.098	.030	.174	.095	.029	
5.0	.192	.098	.028	.188	.096	.028	.179	.093	.028	.172	.091	.027	.165	.088	.026	
6.0	.180	.090	.026	.176	.089	.026	.169	.087	.025	.162	.084	.025	.156	.082	.024	
7.0	.170	.084	.024	.166	.083	.024	.160	.081	.023	.153	.079	.023	.148	.077	.023	
8.0	.160	.078	.022	.157	.077	.022	.151	.075	.022	.145	.074	.021	.140	.072	.021	
9.0	.151	.073	.020	.149	.072	.020	.143	.071	.020	.138	.069	.020	.133	.068	.020	
10.0	.143	.069	.019	.141	.068	.019	.136	.067	.019	.131	.065	.019	.127	.064	.018	

$\rho_{cc}$	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																
1.0	.204	.204	.204	.175	.175	.175	.119	.119	.119	.068	.068	.068	.022	.022	.022	
2.0	.190	.171	.153	.162	.146	.132	.111	.101	.091	.064	.058	.053	.020	.019	.017	
3.0	.178	.146	.119	.153	.126	.103	.105	.087	.072	.060	.051	.042	.019	.016	.014	
4.0	.169	.128	.095	.145	.110	.083	.099	.077	.058	.057	.045	.034	.018	.015	.011	
5.0	.160	.114	.079	.137	.099	.069	.094	.069	.048	.055	.040	.029	.018	.013	.009	
6.0	.152	.103	.067	.131	.089	.058	.090	.062	.041	.052	.037	.024	.017	.012	.008	
7.0	.145	.094	.058	.125	.082	.051	.086	.057	.036	.050	.034	.021	.016	.011	.007	
8.0	.139	.087	.051	.119	.076	.045	.082	.053	.032	.048	.031	.019	.015	.010	.006	
9.0	.133	.081	.046	.114	.071	.040	.079	.050	.029	.046	.029	.017	.015	.010	.006	
10.0	.127	.076	.042	.109	.066	.037	.076	.047	.026	.044	.028	.016	.014	.009	.005	
10.0	.122	.072	.039	.105	.063	.034	.073	.044	.024	.043	.026	.014	.014	.009	.005	

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:Kaye  
 Test Date:2017-02-13

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.366  
 Humidity:65.0%  
 Test Distance:7.100m [K=1.0000]  
 Remarks:

**UGR(Unified Glare Rating) Table**

Test:U:224.92V I:0.1834A P:40.039W PF:0.9705 Freq:49.98Hz Lamp Flux:6494.05x1 lm										
NAME: LED Linear Lighting System					TYPE:			WEIGHT:4kg		
SPEC.:					DIM.: 1416*70*85mm			SERIAL No.:		
MFR.:					SUR.:1416*70mm			Shielding Angle:		
<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>9.7</b>	<b>11.0</b>	<b>10.0</b>	<b>11.2</b>	<b>11.4</b>	<b>16.9</b>	<b>18.2</b>	<b>17.2</b>	<b>18.4</b>	<b>18.6</b>
<b>3H</b>	<b>10.1</b>	<b>11.2</b>	<b>10.4</b>	<b>11.4</b>	<b>11.7</b>	<b>17.9</b>	<b>19.0</b>	<b>18.2</b>	<b>19.2</b>	<b>19.5</b>
<b>4H</b>	<b>10.2</b>	<b>11.3</b>	<b>10.5</b>	<b>11.5</b>	<b>11.8</b>	<b>18.2</b>	<b>19.2</b>	<b>18.5</b>	<b>19.5</b>	<b>19.8</b>
<b>6H</b>	<b>10.4</b>	<b>11.4</b>	<b>10.7</b>	<b>11.7</b>	<b>12.0</b>	<b>18.4</b>	<b>19.4</b>	<b>18.7</b>	<b>19.7</b>	<b>20.0</b>
<b>8H</b>	<b>10.5</b>	<b>11.4</b>	<b>10.8</b>	<b>11.7</b>	<b>12.0</b>	<b>18.5</b>	<b>19.4</b>	<b>18.8</b>	<b>19.7</b>	<b>20.0</b>
<b>12H</b>	<b>10.5</b>	<b>11.4</b>	<b>10.9</b>	<b>11.8</b>	<b>12.1</b>	<b>18.5</b>	<b>19.4</b>	<b>18.9</b>	<b>19.7</b>	<b>20.1</b>
<b>4H 2H</b>	<b>11.1</b>	<b>12.1</b>	<b>11.4</b>	<b>12.4</b>	<b>12.7</b>	<b>16.9</b>	<b>18.0</b>	<b>17.2</b>	<b>18.2</b>	<b>18.5</b>
<b>3H</b>	<b>11.5</b>	<b>12.5</b>	<b>11.9</b>	<b>12.8</b>	<b>13.1</b>	<b>18.0</b>	<b>18.9</b>	<b>18.4</b>	<b>19.3</b>	<b>19.6</b>
<b>4H</b>	<b>11.7</b>	<b>12.6</b>	<b>12.1</b>	<b>12.9</b>	<b>13.3</b>	<b>18.5</b>	<b>19.3</b>	<b>18.9</b>	<b>19.7</b>	<b>20.0</b>
<b>6H</b>	<b>12.0</b>	<b>12.7</b>	<b>12.4</b>	<b>13.1</b>	<b>13.5</b>	<b>18.9</b>	<b>19.6</b>	<b>19.3</b>	<b>20.0</b>	<b>20.4</b>
<b>8H</b>	<b>12.0</b>	<b>12.7</b>	<b>12.5</b>	<b>13.1</b>	<b>13.5</b>	<b>19.0</b>	<b>19.7</b>	<b>19.4</b>	<b>20.1</b>	<b>20.5</b>
<b>12H</b>	<b>12.1</b>	<b>12.8</b>	<b>12.6</b>	<b>13.2</b>	<b>13.6</b>	<b>19.1</b>	<b>19.7</b>	<b>19.6</b>	<b>20.2</b>	<b>20.6</b>
<b>8H 4H</b>	<b>12.4</b>	<b>13.1</b>	<b>12.9</b>	<b>13.5</b>	<b>13.9</b>	<b>18.5</b>	<b>19.2</b>	<b>18.9</b>	<b>19.6</b>	<b>20.0</b>
<b>6H</b>	<b>12.8</b>	<b>13.4</b>	<b>13.3</b>	<b>13.8</b>	<b>14.3</b>	<b>19.0</b>	<b>19.6</b>	<b>19.5</b>	<b>20.0</b>	<b>20.5</b>
<b>8H</b>	<b>13.0</b>	<b>13.5</b>	<b>13.4</b>	<b>13.9</b>	<b>14.4</b>	<b>19.2</b>	<b>19.7</b>	<b>19.7</b>	<b>20.2</b>	<b>20.7</b>
<b>12H</b>	<b>13.1</b>	<b>13.5</b>	<b>13.6</b>	<b>14.0</b>	<b>14.5</b>	<b>19.4</b>	<b>19.9</b>	<b>19.9</b>	<b>20.3</b>	<b>20.8</b>
<b>12H 4H</b>	<b>12.6</b>	<b>13.2</b>	<b>13.0</b>	<b>13.6</b>	<b>14.1</b>	<b>18.4</b>	<b>19.1</b>	<b>18.9</b>	<b>19.5</b>	<b>19.9</b>
<b>6H</b>	<b>13.1</b>	<b>13.6</b>	<b>13.6</b>	<b>14.0</b>	<b>14.5</b>	<b>19.0</b>	<b>19.5</b>	<b>19.5</b>	<b>19.9</b>	<b>20.4</b>
<b>8H</b>	<b>13.3</b>	<b>13.7</b>	<b>13.8</b>	<b>14.2</b>	<b>14.7</b>	<b>19.2</b>	<b>19.7</b>	<b>19.7</b>	<b>20.2</b>	<b>20.7</b>
<b>Variations with the observer position at spacings:</b>										
<b>S = 1.0H</b>	<b>+ 0.7 / - 0.8</b>					<b>+ 0.4 / - 0.3</b>				
<b>1.5H</b>	<b>+ 0.6 / - 0.7</b>					<b>+ 0.8 / - 0.8</b>				
<b>2.0H</b>	<b>+ 1.0 / - 1.1</b>					<b>+ 1.7 / - 1.5</b>				

CIE Pub.117, 6494 lm Total Lamp Luminous Flux Correct ( $8\log(F/F0) = 6.5$ )

**C Range: 0 - 360DEG**  
**C Interval: 22.5DEG**  
**Test Speed: HIGH**  
**Temperature:25.3DEG**  
**Operators:Kaye**  
**Test Date:2017-02-13**

**γ Range: 0 - 180DEG**  
**γ Interval: 1.0DEG**  
**Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.366**  
**Humidity:65.0%**  
**Test Distance:7.100m [K=1.0000]**  
**Remarks:**

**UTILIZATION FACTORS TABLE**

Test:U:224.92V I:0.1834A P:40.039W PF:0.9705 Freq:49.98Hz Lamp Flux:6494.05x1 Lm		
NAME: LED Linear Lighting System	TYPE:	WEIGHT:4kg
SPEC.:	DIM.: 1416*70*85mm	SERIAL No.:
MFR.:	SUR.:1416*70mm	Shielding Angle:

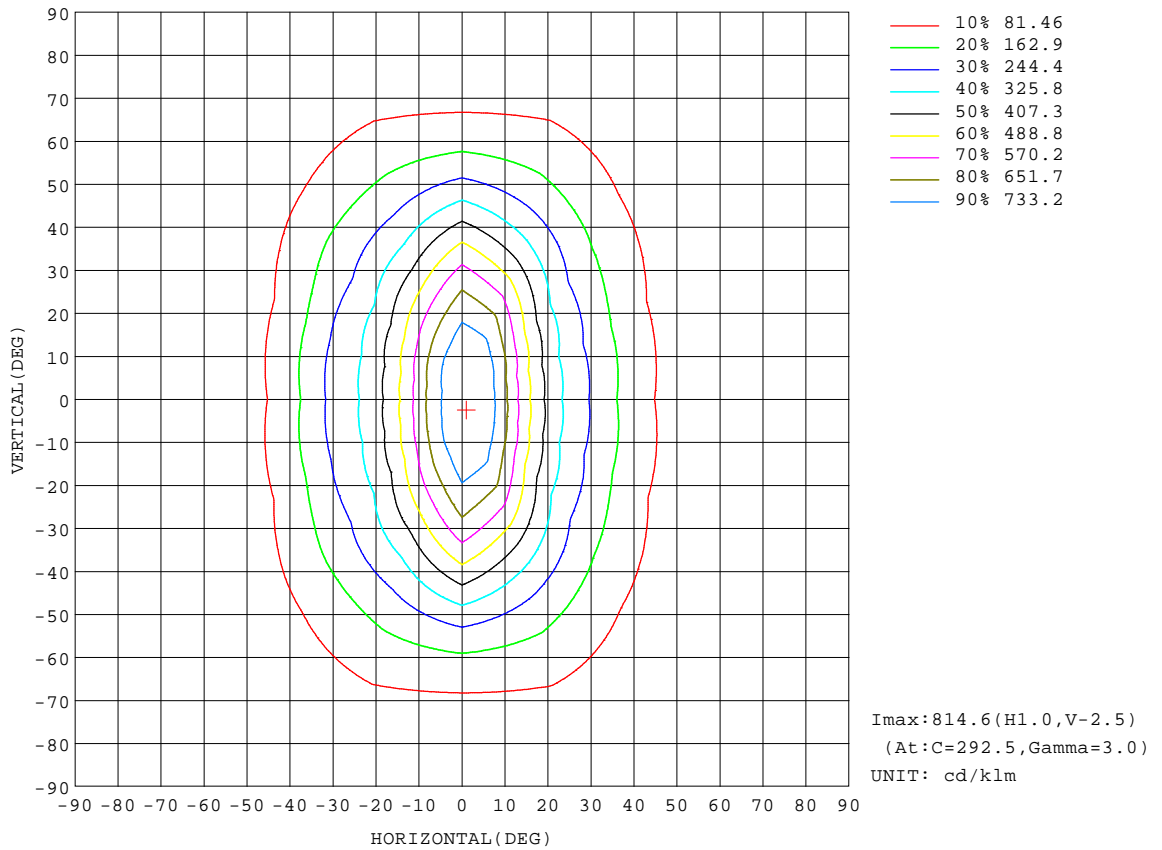
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	69	59	54	68	59	54	67	59	53	48
0.80	78	69	63	77	69	63	76	68	62	57
1.00	85	77	71	84	76	71	82	77	70	64
1.25	91	83	78	90	82	77	87	81	76	70
1.50	95	88	82	94	87	82	91	85	81	74
2.00	101	94	89	99	93	88	95	90	86	79
2.50	103	97	93	101	96	92	98	93	90	82
3.00	106	101	96	104	99	95	100	96	93	85
4.00	109	105	101	107	103	99	102	99	97	88
5.00	111	107	104	108	105	102	104	101	99	90
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:Kaye  
 Test Date:2017-02-13

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.366  
 Humidity:65.0%  
 Test Distance:7.100m [K=1.0000]  
 Remarks:

**ISOCANDELA DIAGRAM**

Test:U:224.92V I:0.1834A P:40.039W PF:0.9705 Freq:49.98Hz Lamp Flux:6494.05x1 lm		
NAME: LED Linear Lighting System	TYPE:	WEIGHT:4kg
SPEC.:	DIM.: 1416*70*85mm	SERIAL No.:
MFR.:	SUR.:1416*70mm	Shielding Angle:



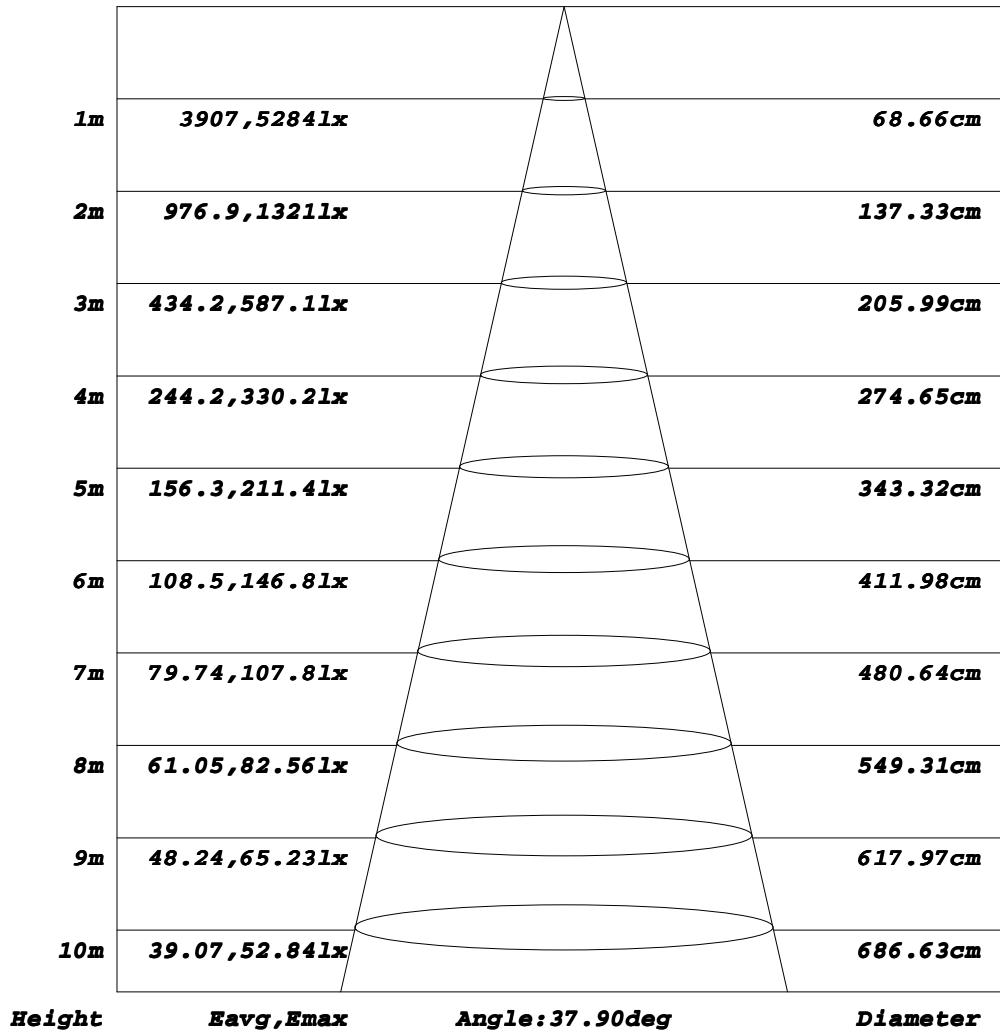
**C Range: 0 - 360DEG**  
**C Interval: 22.5DEG**  
**Test Speed: HIGH**  
**Temperature: 25.3DEG**  
**Operators: Kaye**  
**Test Date: 2017-02-13**

**γ Range: 0 - 180DEG**  
**γ Interval: 1.0DEG**  
**Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.366**  
**Humidity: 65.0%**  
**Test Distance: 7.100m [K=1.0000]**  
**Remarks:**

**AAI Figure**

Test:U:224.92V I:0.1834A P:40.039W PF:0.9705 Freq:49.98Hz Lamp Flux:6494.05x1 lm		
NAME: LED Linear Lighting System	TYPE:	WEIGHT:4kg
SPEC.:	DIM.: 1416*70*85mm	SERIAL No.:
MFR.:	SUR.:1416*70mm	Shielding Angle:

**Flux out:1455 lm**



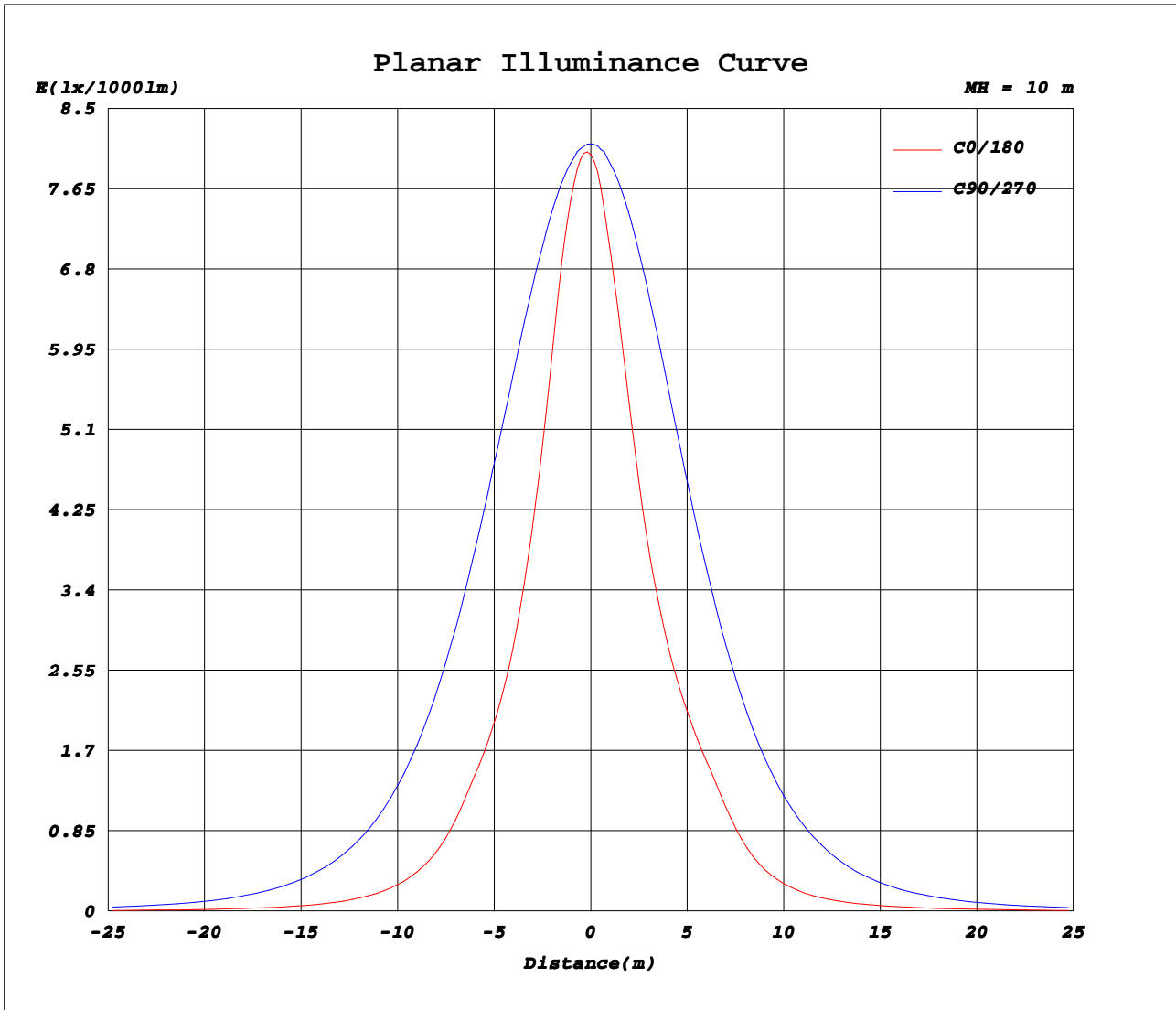
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

**C Range: 0 - 360DEG**  
**C Interval: 22.5DEG**  
**Test Speed: HIGH**  
**Temperature: 25.3DEG**  
**Operators: Kaye**  
**Test Date: 2017-02-13**

**γ Range: 0 - 180DEG**  
**γ Interval: 1.0DEG**  
**Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.366**  
**Humidity: 65.0%**  
**Test Distance: 7.100m [K=1.0000]**  
**Remarks:**



Planar Illuminance Curve



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: Kaye  
 Test Date: 2017-02-13

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.366  
 Humidity: 65.0%  
 Test Distance: 7.100m [K=1.0000]  
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:224.92V I:0.1834A P:40.039W PF:0.9705 Freq:49.98Hz Lamp Flux:6494.05x1 lm		
NAME: LED Linear Lighting System	TYPE:	WEIGHT:4kg
SPEC.:	DIM.: 1416*70*85mm	SERIAL No.:
MFR.:	SUR.:1416*70mm	Shielding Angle:

Table--1

UNIT: cd/klm

C( DEG) γ (DEG)	0	22.5	45	67.5	90	112.5	135	157.5	180	202.5	225	247.5	270	292.5	315	337.5			
0	801	800	807	813	813	812	806	802	801	800	807	813	813	812	806	802			
5	779	785	798	813	807	791	759	736	727	732	762	792	806	811	798	781			
10	667	693	738	788	792	742	675	624	605	621	680	741	789	786	740	684			
15	511	543	632	742	766	678	572	499	475	497	577	672	758	735	633	536			
20	388	416	511	678	728	606	471	398	379	399	473	597	712	666	510	410			
25	300	320	407	597	680	526	386	327	312	330	387	515	656	580	405	317			
30	239	255	326	507	619	449	321	275	262	278	320	436	589	490	322	253			
35	177	203	265	421	545	378	271	227	201	228	266	365	513	403	257	199			
40	118	145	215	344	463	315	228	163	130	161	221	301	430	327	207	141			
45	80.1	100	173	279	377	259	187	108	82.9	107	181	246	346	262	165	97.9			
50	53.9	69.7	131	222	291	211	141	71.8	54.6	70.6	137	197	267	206	125	67.6			
55	37.7	48.5	97.6	175	215	168	104	49.5	38.4	48.3	99.0	156	194	159	92.3	46.8			
60	27.6	34.6	72.9	135	153	131	75.4	35.3	28.2	34.5	71.8	120	136	122	68.5	33.4			
65	20.0	25.4	53.7	101	106	98.3	55.2	26.4	20.9	25.4	52.3	89.2	93.0	90.3	50.0	24.3			
70	15.0	19.2	38.9	71.9	71.1	70.8	40.4	19.9	15.5	19.0	38.0	62.8	61.2	62.7	36.1	18.3			
75	10.8	13.4	28.1	48.4	45.2	48.4	28.9	14.1	11.0	13.3	27.0	41.9	38.5	41.2	25.8	12.8			
80	8.11	10.5	18.8	30.3	26.4	30.5	19.3	10.6	8.38	9.70	17.5	25.6	21.5	24.7	16.8	9.16			
85	4.51	5.56	9.91	15.6	12.7	16.1	10.5	6.05	4.77	5.36	8.91	12.4	9.15	11.8	8.41	4.95			
90	3.67	3.97	4.78	5.46	2.92	5.59	4.80	4.08	3.59	3.98	4.36	4.20	1.80	4.20	4.39	3.92			
95	3.47	3.91	5.20	4.60	2.49	4.58	5.10	4.05	3.37	3.89	4.45	3.78	1.79	3.86	4.53	3.78			
100	3.47	3.51	4.41	4.13	2.54	4.06	4.27	3.70	3.36	3.49	3.78	3.20	1.72	3.27	3.93	3.38			
105	3.52	3.89	5.16	3.78	2.55	3.65	4.87	4.18	3.53	3.69	4.23	2.99	1.72	3.06	4.31	3.41			
110	3.25	3.50	4.43	3.77	2.59	3.71	4.13	3.64	3.14	3.32	3.55	2.82	1.73	2.80	3.70	3.20			
115	3.36	3.61	3.86	3.56	2.61	3.52	3.68	3.56	2.97	3.18	3.00	2.62	1.73	2.58	2.96	3.22			
120	3.09	3.12	3.31	3.30	2.63	3.32	3.38	3.21	2.73	2.69	2.67	2.37	1.72	2.25	2.42	2.54			
125	2.81	2.90	3.06	3.05	2.62	3.09	3.23	2.84	2.30	2.27	2.40	2.14	1.72	1.99	2.11	2.25			
130	2.60	2.69	2.86	2.88	2.62	2.90	3.02	2.64	1.93	1.94	2.00	1.93	1.71	1.78	1.71	1.93			
135	2.56	2.65	2.71	2.75	2.61	2.74	2.84	2.53	1.70	1.68	1.66	1.79	1.69	1.63	1.44	1.71			
140	2.58	2.48	2.61	2.66	2.57	2.64	2.73	2.52	1.55	1.49	1.49	1.69	1.68	1.56	1.30	1.37			
145	2.61	2.42	2.57	2.62	2.53	2.57	2.65	2.57	1.44	1.37	1.36	1.65	1.66	1.53	1.22	1.20			
150	2.70	2.49	2.41	2.52	2.43	2.47	2.61	2.62	1.32	1.29	1.35	1.61	1.65	1.51	1.24	1.19			
155	2.76	2.59	2.41	2.42	2.33	2.38	2.54	2.67	1.24	1.27	1.39	1.50	1.60	1.43	1.31	1.23			
160	2.78	2.61	2.39	2.31	2.24	2.29	2.48	2.64	1.24	1.28	1.47	1.58	1.60	1.53	1.42	1.30			
165	2.77	2.58	2.34	2.18	2.16	2.23	2.39	2.58	1.34	1.39	1.56	1.69	1.73	1.68	1.56	1.44			
170	2.68	2.45	2.24	2.12	2.11	2.18	2.30	2.46	1.55	1.56	1.70	1.82	1.86	1.84	1.73	1.62			
175	2.46	2.26	2.12	2.07	2.07	2.13	2.20	2.28	1.85	1.80	1.86	1.93	1.98	1.98	1.93	1.85			
180	2.19	2.06	2.03	2.03	2.06	2.09	2.10	2.09	2.19	2.06	2.03	2.03	2.06	2.09	2.10	2.09			

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