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### Ten-Lighting Technology Co.Ltd

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LumCAT: LED Track lights

Luminaire: R06-C08K/W/B

Report No: 18-0555-15

Voltage(V): 220.0200

Test No: 18-0555-15

Current(A): 0.0310

LampCAT: LED

Power (W): 6.0600

Lamp flux(lm)

PF: 0.9000

Number of Lamps: 1

Ballast type:

Length(mm): 60

Width(mm): 60

Phm Type: C

Height(mm): 198

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### Photometric Results

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Lumens(lm): 425.41

Lumens(lm)/Power(W): 70.20

Central intensity(cd): 719.276

Maximum intensity(cd): 725.059

Angle of maximum intensity:  $C=295.0$   $\gamma=0.0$

Beam Angle(50%Imax): [C0/180]Left=20.0 Right=18.3

[C90/270]Left=19.9 Right=18.9

Field angle(10%Imax): [C0/180]Left=41.6 Right=40.1

[C90/270]Left=41.9 Right=39.5

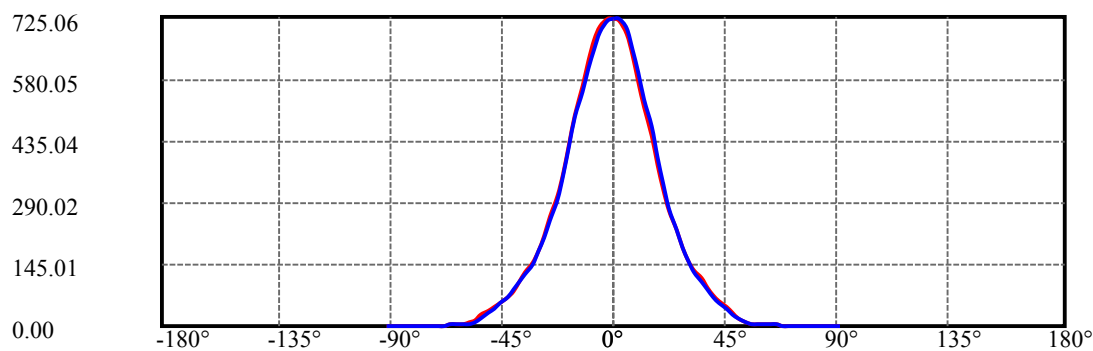
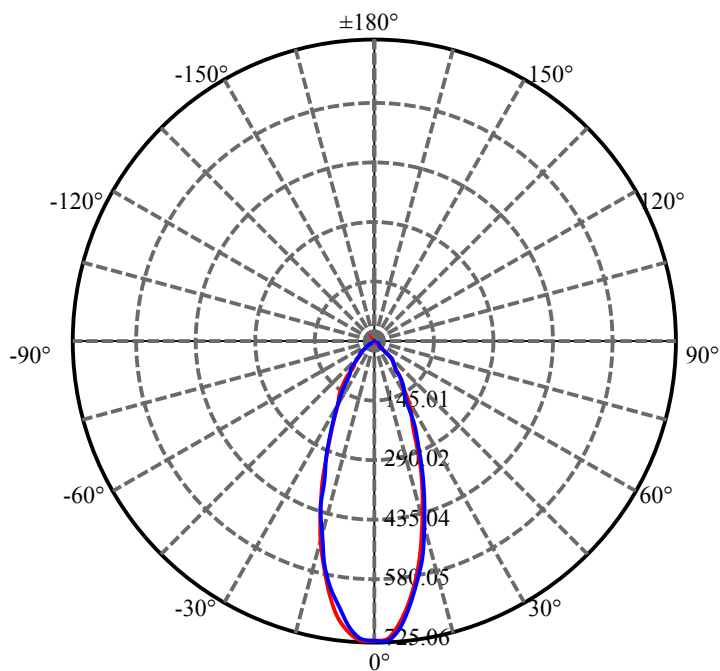
$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
0.0	719.276	.000	.000	.000%	.000%
2.5	718.999	4.301	4.301	1.011%	1.011%
5.0	693.426	12.662	16.962	2.976%	3.987%
7.5	650.578	20.055	37.018	4.714%	8.702%
10.0	596.596	26.005	63.023	6.113%	14.814%
12.5	536.582	30.302	93.324	7.123%	21.937%
15.0	470.297	32.803	126.127	7.711%	29.648%
17.5	402.691	33.484	159.611	7.871%	37.519%
20.0	340.201	32.731	192.342	7.694%	45.213%
22.5	286.262	31.122	223.464	7.316%	52.529%
25.0	240.292	29.068	252.531	6.833%	59.361%
27.5	200.963	26.750	279.281	6.288%	65.649%
30.0	167.631	24.301	303.582	5.712%	71.362%
32.5	139.491	21.838	325.420	5.133%	76.495%
35.0	115.604	19.426	344.846	4.566%	81.061%
37.5	94.586	17.036	361.882	4.005%	85.066%
40.0	76.113	14.645	376.527	3.443%	88.508%
42.5	59.860	12.289	388.815	2.889%	91.397%
45.0	45.471	9.984	398.799	2.347%	93.744%
47.5	32.862	7.756	406.555	1.823%	95.567%
50.0	21.710	5.624	412.178	1.322%	96.889%
52.5	12.823	3.691	415.870	.868%	97.757%
55.0	7.430	2.239	418.109	.526%	98.283%
57.5	4.846	1.399	419.508	.329%	98.612%
60.0	3.743	1.006	420.514	.237%	98.848%
62.5	3.002	.811	421.324	.191%	99.039%
65.0	2.461	.672	421.996	.158%	99.197%
67.5	1.868	.543	422.539	.128%	99.324%
70.0	1.454	.424	422.964	.100%	99.424%
72.5	1.211	.346	423.309	.081%	99.505%
75.0	1.166	.313	423.622	.074%	99.579%
77.5	1.145	.308	423.930	.072%	99.651%
80.0	1.127	.305	424.235	.072%	99.723%
82.5	1.106	.303	424.538	.071%	99.794%
85.0	1.096	.300	424.838	.071%	99.865%
87.5	1.050	.293	425.131	.069%	99.934%
90.0	1.015	.283	425.414	.067%	100.000%

ZONAL LUMEN SUMMARY

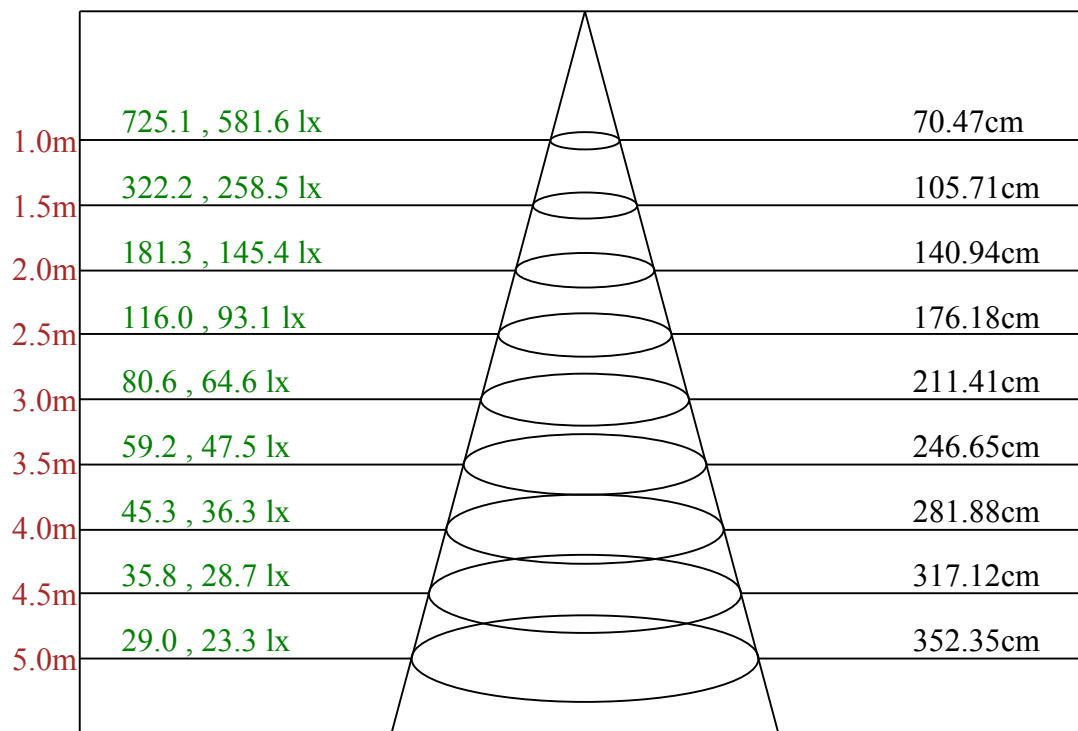
Zone	Lumens	%Fixt
0-30	303.58	71.36%
0-40	376.53	88.51%
0-60	420.51	98.85%
0-90	425.13	99.93%
0-120	425.13	99.93%
0-180	425.41	100.00%
60-90	5.62	1.32%
90-120	0.00	0.00%
90-130	0.00	0.00%
90-150	0.00	0.00%
90-180	0.00	0.00%
0-34.42	340.33	80.00%

ZONAL LUMEN SUMMARY

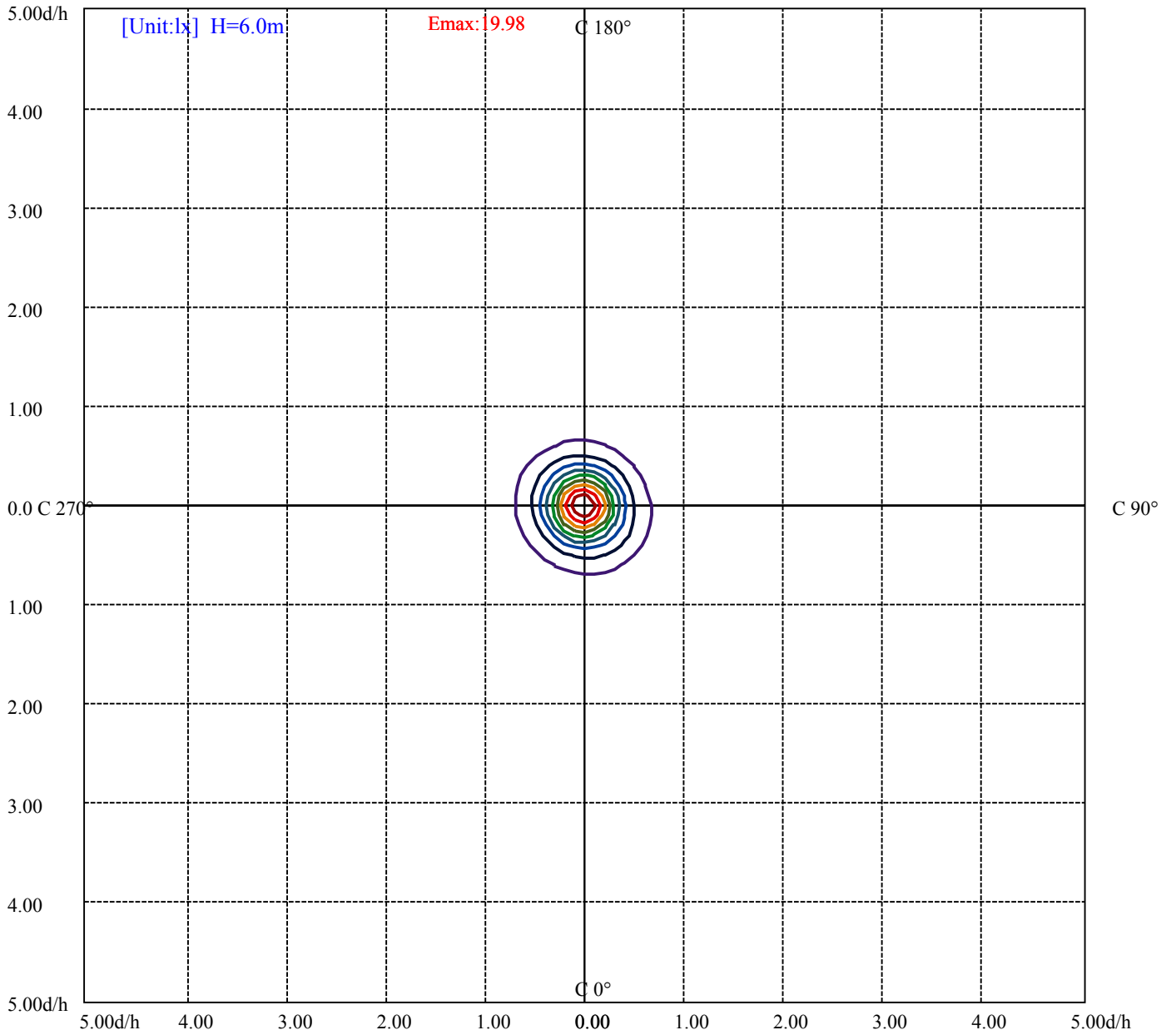
0-10	63.02
10-20	129.32
20-30	111.24
30-40	72.94
40-50	35.65
50-60	8.34
60-70	2.45
70-80	1.27
80-90	0.90
90-100	0.00
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00



C0/C180: —  
 C90/C270: —



Max , Ave      Beam angle of C295plane38.82



(10%Emax) 1.997989	—
(20%Emax) 3.995972	—
(30%Emax) 5.993972	—
(40%Emax) 7.991944	—
(50%Emax) 9.989944	—
(60%Emax) 11.98794	—
(70%Emax) 13.98592	—
(80%Emax) 15.98392	—
(90%Emax) 17.98189	—

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Intensity data(cd)

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C/γ(°)	0.0	2.5	5.0	7.5	10.0	12.5	15.0	17.5	20.0
0.0	719.28	717.22	683.35	634.05	573.88	514.72	444.95	378.71	319.80
5.0	719.28	716.97	683.09	633.04	573.63	513.71	443.43	377.19	317.53
10.0	719.28	716.46	682.84	631.77	573.12	512.70	443.18	376.69	315.76
15.0	719.28	715.20	683.35	630.00	572.36	509.16	443.43	377.70	313.48
20.0	719.28	715.96	682.84	632.53	570.59	508.40	444.95	374.41	311.21
25.0	719.28	716.46	682.33	630.51	571.35	506.88	441.15	374.16	311.97
30.0	719.28	717.47	682.84	630.51	570.09	506.88	439.89	371.38	309.44
35.0	719.28	717.73	683.09	627.47	569.08	505.87	439.38	371.13	307.92
40.0	719.28	717.73	683.09	629.75	569.08	506.38	440.90	369.10	305.65
45.0	719.28	718.99	684.86	628.23	569.08	509.92	439.13	367.84	307.67
50.0	719.28	720.51	685.62	631.01	570.34	509.41	439.89	370.87	306.66
55.0	719.28	720.51	684.86	632.53	573.63	512.70	444.69	373.15	308.68
60.0	719.28	720.51	686.63	634.81	576.66	513.71	445.96	376.43	311.97
65.0	719.28	720.00	686.88	636.32	580.45	517.25	450.76	379.97	316.27
70.0	719.28	721.01	689.67	640.11	578.93	521.04	453.29	384.27	317.53
75.0	719.28	721.01	690.68	641.88	584.75	525.59	457.84	388.06	321.32
80.0	719.28	721.77	691.69	644.92	587.28	529.38	462.64	392.11	324.36
85.0	719.28	721.52	695.23	646.94	592.33	531.66	464.92	393.63	328.91
90.0	719.28	721.77	696.74	648.46	592.59	532.92	469.22	397.42	332.19
95.0	719.28	722.53	696.24	651.49	592.84	535.45	468.96	399.95	334.21
100.0	719.28	722.78	694.97	655.03	597.90	535.70	471.74	401.72	337.50
105.0	719.28	722.53	696.49	656.04	599.16	537.47	472.25	400.96	340.28
110.0	719.28	722.03	697.76	658.32	600.42	541.52	470.73	401.72	341.55
115.0	719.28	722.03	702.05	659.58	604.97	542.78	471.49	403.23	341.80
120.0	719.28	722.28	701.80	664.38	605.73	541.52	472.00	403.74	343.06
125.0	719.28	722.78	704.33	665.90	609.27	543.29	476.04	406.27	346.60
130.0	719.28	722.53	706.60	666.66	609.27	544.81	476.80	406.77	348.37
135.0	719.28	722.03	706.86	667.42	612.81	547.84	478.57	409.30	350.65
140.0	719.28	722.03	708.88	671.72	616.86	550.87	478.06	411.32	354.95
145.0	719.28	722.78	707.62	673.23	619.13	551.88	480.59	411.57	355.96
150.0	719.28	722.03	708.37	673.99	620.65	553.15	482.11	414.36	355.70
155.0	719.28	722.03	708.88	673.74	620.65	554.67	484.64	415.37	356.46
160.0	719.28	721.27	707.11	672.73	622.92	556.94	488.68	418.65	357.22
165.0	719.28	722.03	706.86	673.49	620.40	561.49	490.70	420.68	360.25
170.0	719.28	721.77	706.10	671.97	620.90	559.72	492.22	423.20	359.50
175.0	719.28	721.01	707.87	672.22	622.67	559.72	493.23	424.72	358.74
180.0	719.28	721.01	704.33	672.22	622.67	562.00	496.01	427.25	361.01
185.0	719.28	720.26	701.55	669.95	620.14	561.49	496.77	428.77	361.77
190.0	719.28	719.75	701.04	666.41	616.10	561.74	498.79	429.52	361.01
195.0	719.28	719.75	701.04	662.11	613.82	560.99	499.05	430.03	361.01
200.0	719.28	719.50	698.01	661.60	613.32	558.46	498.79	430.54	362.53
205.0	719.28	718.49	698.51	660.59	611.80	555.68	496.52	428.77	361.27
210.0	719.28	718.99	695.99	657.81	608.77	555.68	494.24	427.25	358.99
215.0	719.28	718.23	694.72	658.06	607.25	551.13	492.98	425.23	358.74
220.0	719.28	717.73	691.94	653.51	607.00	551.13	492.22	426.24	357.22
225.0	719.28	716.97	690.42	649.97	604.72	547.59	491.72	425.23	356.46
230.0	719.28	717.98	690.93	648.96	602.70	550.11	490.45	422.95	355.20
235.0	719.28	718.49	691.18	647.95	600.93	551.63	490.45	425.73	355.45
240.0	719.28	717.22	689.92	646.94	601.94	549.10	486.91	426.74	355.45
245.0	719.28	716.21	688.40	648.46	602.70	548.60	488.93	424.97	357.98
250.0	719.28	717.22	689.41	646.69	601.18	550.62	489.19	427.00	358.74
255.0	719.28	716.97	687.39	647.95	600.93	549.86	488.68	426.49	357.98
260.0	719.28	716.46	686.63	645.68	603.20	551.63	489.69	425.73	358.48
265.0	719.28	716.46	687.39	648.71	600.93	549.10	489.95	424.47	357.73
270.0	719.28	717.73	691.18	648.20	601.43	549.10	488.93	422.95	357.47
275.0	719.28	718.49	688.65	649.97	601.69	546.58	486.41	418.91	355.45
280.0	719.28	717.98	688.91	649.47	601.94	545.82	483.63	416.13	352.16
285.0	719.28	718.23	690.17	651.24	602.19	543.29	479.33	413.34	349.13

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Intensity data(cd)									
C/γ(°)	0.0	2.5	5.0	7.5	10.0	12.5	15.0	17.5	20.0
290.0	719.28	718.23	692.45	653.26	602.70	544.30	475.03	409.81	346.86
295.0	719.28	717.98	693.46	653.51	601.18	538.99	471.49	406.27	348.12
300.0	719.28	716.72	693.46	652.25	599.92	536.72	468.71	403.23	344.83
305.0	719.28	716.72	692.95	652.76	597.14	534.44	466.69	399.19	343.57
310.0	719.28	717.22	692.70	651.49	594.86	530.90	462.14	394.64	340.54
315.0	719.28	716.72	692.70	648.46	593.35	529.64	457.84	392.87	339.52
320.0	719.28	715.96	692.19	649.22	593.60	527.61	455.56	389.58	336.74
325.0	719.28	715.71	691.44	647.45	590.56	524.83	452.53	387.30	334.21
330.0	719.28	715.45	690.93	645.93	586.01	522.05	451.52	384.52	330.68
335.0	719.28	715.96	689.67	644.92	582.47	519.78	447.73	383.26	328.40
340.0	719.28	716.72	690.93	643.40	583.23	517.75	447.98	380.73	327.39
345.0	719.28	716.97	687.64	638.60	578.93	517.00	445.96	380.73	325.62
350.0	719.28	716.46	685.37	638.35	579.95	515.23	445.20	379.72	323.34
355.0	719.28	715.71	684.61	636.83	577.92	516.24	444.95	379.97	322.33
360.0	719.28	717.22	683.35	634.05	573.88	514.72	444.95	378.71	319.80

Intensity data(cd)

C/γ(°)	22.5	25.0	27.5	30.0	32.5	35.0	37.5	40.0	42.5
0.0	268.48	223.74	186.57	154.21	129.19	110.48	90.25	72.81	58.15
5.0	266.97	220.20	181.77	151.69	126.91	109.21	90.00	73.31	57.14
10.0	262.42	216.66	178.74	147.89	123.12	105.93	89.49	73.06	55.87
15.0	258.62	212.87	174.44	143.60	122.11	102.89	86.46	71.04	53.85
20.0	256.60	211.85	173.43	143.34	119.83	100.11	83.68	68.26	52.58
25.0	258.12	212.11	174.44	144.86	119.07	97.84	80.65	65.48	49.30
30.0	258.37	213.62	176.71	145.62	119.58	96.57	78.88	62.19	45.51
35.0	256.35	212.36	176.46	145.87	119.58	94.80	76.35	58.65	41.46
40.0	253.82	211.60	175.96	144.61	117.56	92.53	73.31	55.62	39.44
45.0	252.30	210.84	175.20	142.33	115.28	92.02	71.55	53.34	37.67
50.0	252.56	212.11	173.93	142.58	114.78	91.26	71.29	52.84	36.91
55.0	254.33	211.85	175.70	143.85	116.80	92.53	72.30	54.10	37.67
60.0	258.88	214.13	177.73	147.39	118.32	95.06	74.58	57.14	39.19
65.0	262.42	215.90	180.25	148.65	120.59	97.33	77.11	59.66	42.22
70.0	262.92	217.42	180.76	148.91	122.36	98.60	79.38	62.19	45.25
75.0	263.18	217.92	178.99	147.89	122.61	98.60	80.90	64.72	48.03
80.0	265.96	217.67	177.22	146.38	121.35	99.86	81.91	65.98	50.31
85.0	268.99	218.43	180.25	147.14	122.87	102.14	83.43	66.99	52.58
90.0	273.79	224.50	184.05	152.19	125.65	104.16	85.96	69.02	53.09
95.0	277.84	231.07	190.62	158.01	129.69	107.19	87.73	70.53	54.61
100.0	284.16	235.87	195.67	160.79	133.48	109.47	88.48	70.79	55.62
105.0	287.70	238.91	200.48	164.58	134.24	110.48	88.99	70.28	56.12
110.0	289.97	242.70	202.75	167.61	134.75	110.23	88.48	70.79	56.38
115.0	290.98	245.98	205.03	168.88	137.02	109.97	89.24	71.04	57.89
120.0	294.27	247.50	207.81	171.91	139.55	112.75	90.76	73.57	58.90
125.0	297.30	252.30	212.11	174.94	142.58	116.29	94.80	76.85	61.43
130.0	301.10	256.60	218.43	180.51	147.89	121.60	99.35	80.65	64.97
135.0	305.65	261.41	220.70	183.79	151.43	124.64	102.64	84.44	68.26
140.0	306.41	263.68	222.73	184.55	151.94	126.15	104.16	86.21	71.29
145.0	307.42	263.93	220.70	184.30	152.19	126.41	104.92	87.73	72.81
150.0	306.91	261.15	219.94	184.05	152.19	127.67	105.93	88.74	73.06
155.0	306.66	261.41	220.45	184.05	153.46	128.68	106.69	89.24	72.30
160.0	306.91	261.41	221.21	184.55	154.47	128.43	107.19	88.48	71.55
165.0	308.18	262.16	221.21	184.80	154.97	129.44	107.19	87.47	69.52
170.0	307.42	260.90	219.44	184.55	153.71	129.19	106.43	85.45	68.26
175.0	304.38	257.36	215.90	181.26	152.70	127.67	104.41	83.17	66.49
180.0	304.38	255.34	211.60	176.71	150.42	126.15	103.15	82.42	65.98
185.0	302.36	253.32	209.33	174.19	147.14	124.13	102.64	82.42	66.24
190.0	301.60	252.05	208.06	173.17	144.35	122.36	102.39	82.42	65.73
195.0	301.60	251.55	207.56	171.91	143.09	120.84	100.37	81.15	64.47
200.0	301.86	250.53	206.80	171.15	141.83	117.81	97.58	79.13	62.95
205.0	300.34	248.77	204.52	169.13	140.06	116.55	95.81	77.11	61.43
210.0	298.57	246.24	201.49	166.85	139.05	115.53	94.05	75.34	59.41
215.0	296.29	243.71	201.49	167.36	138.79	115.03	93.54	73.82	57.89
220.0	294.27	240.93	200.23	167.87	140.06	115.03	92.28	72.05	54.61
225.0	292.25	240.93	199.47	167.11	141.07	115.79	91.26	71.04	51.57
230.0	291.49	240.17	200.23	167.36	142.58	116.55	91.77	70.79	50.81
235.0	293.01	241.69	199.97	167.87	141.57	116.55	93.29	72.05	51.83
240.0	293.01	241.94	199.72	168.37	141.07	117.81	95.06	73.31	53.60
245.0	293.51	243.20	200.23	167.87	141.32	117.05	95.81	74.83	57.14
250.0	294.78	243.71	201.74	167.87	141.32	117.56	95.56	77.36	59.66
255.0	298.57	245.73	203.26	168.37	141.57	118.57	97.58	79.13	62.70
260.0	298.06	247.50	203.26	169.89	142.58	119.83	99.35	80.39	64.72
265.0	298.32	247.50	205.03	171.41	142.58	119.58	100.37	82.16	67.25
270.0	298.82	249.02	207.30	173.68	145.11	122.11	102.39	84.69	68.51
275.0	297.05	249.02	210.09	175.70	148.15	125.65	103.65	85.70	69.27
280.0	296.29	251.29	213.12	180.00	151.94	127.92	106.18	86.21	69.02
285.0	295.28	252.30	215.39	182.78	154.72	129.19	107.70	86.21	68.76

Intensity data(cd)

C/γ(°)	22.5	25.0	27.5	30.0	32.5	35.0	37.5	40.0	42.5
290.0	296.80	254.83	218.43	186.07	158.01	132.22	109.47	87.98	69.27
295.0	297.30	255.34	218.68	187.84	159.02	133.48	110.73	88.99	71.04
300.0	295.53	255.59	219.44	188.09	159.52	133.74	110.73	90.25	72.81
305.0	296.04	255.84	221.97	188.34	159.02	133.99	109.47	91.01	75.08
310.0	294.78	257.36	221.97	187.08	158.26	133.23	109.21	90.51	76.10
315.0	292.75	253.82	220.45	188.09	158.51	132.73	108.71	89.75	75.59
320.0	291.24	251.29	217.67	185.82	156.49	129.44	106.94	88.74	74.07
325.0	288.71	249.52	215.65	183.29	154.21	126.41	104.41	86.46	72.05
330.0	285.42	246.74	211.10	178.99	150.17	124.13	101.63	83.93	69.27
335.0	283.40	243.46	207.56	175.96	145.62	120.08	98.34	80.90	65.98
340.0	282.14	239.92	204.02	171.15	142.58	117.05	96.07	77.61	62.19
345.0	278.85	236.63	199.72	167.61	138.54	115.79	93.79	74.83	59.66
350.0	276.07	234.10	194.16	162.56	136.01	114.02	92.28	74.07	58.90
355.0	271.77	230.06	190.87	159.78	133.23	111.49	91.77	73.57	58.65
360.0	268.48	223.74	186.57	154.21	129.19	110.48	90.25	72.81	58.15

Ten-Lighting Technology Co.Ltd Ten-Lighting Technology Co.Ltd LED Track lights

Intensity data(cd)

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C/γ(°)	45.0	47.5	50.0	52.5	55.0	57.5	60.0	62.5	65.0
0.0	43.48	31.60	18.46	7.84	4.80	3.54	3.03	2.53	2.53
5.0	42.47	29.33	17.19	7.58	5.06	3.54	3.03	2.28	2.28
10.0	40.96	27.05	15.42	7.58	5.06	3.54	3.29	2.28	2.02
15.0	38.43	24.02	13.15	7.08	5.06	3.79	3.29	2.53	1.52
20.0	35.39	21.74	10.87	6.57	4.55	4.04	3.03	2.78	1.52
25.0	32.36	18.71	10.62	6.32	4.30	4.30	3.03	2.78	2.02
30.0	29.07	16.69	9.35	5.81	4.55	4.30	2.78	2.78	2.02
35.0	26.29	15.17	8.85	5.56	4.80	4.04	2.78	2.78	2.53
40.0	24.78	14.16	8.34	6.07	5.06	4.04	3.03	2.53	2.53
45.0	24.78	14.16	8.09	6.32	5.06	3.79	3.79	2.28	2.28
50.0	24.02	14.66	8.34	6.32	5.06	3.54	3.54	2.53	2.28
55.0	24.27	14.92	8.85	6.57	4.80	3.79	3.54	2.78	2.02
60.0	24.78	15.17	9.10	6.32	4.80	4.55	3.29	3.03	1.77
65.0	26.80	15.42	9.61	6.32	5.06	4.30	3.29	3.03	2.28
70.0	29.07	17.19	10.11	7.08	5.56	4.30	3.54	3.03	2.28
75.0	32.61	19.72	11.38	7.58	6.07	4.55	3.54	2.78	2.28
80.0	35.14	22.50	13.65	8.85	5.81	4.04	3.79	2.53	3.03
85.0	37.92	25.79	16.43	10.11	6.07	4.30	4.04	2.53	2.78
90.0	39.44	27.81	18.46	10.87	6.32	4.55	3.79	3.03	2.53
95.0	41.46	30.84	20.98	12.39	7.33	5.31	4.04	3.29	3.03
100.0	43.48	33.62	24.27	14.92	8.34	5.31	4.04	3.54	2.78
105.0	45.25	36.15	26.04	16.43	9.35	5.56	3.79	3.54	2.28
110.0	45.51	36.66	27.30	17.19	9.35	5.56	3.79	3.54	2.28
115.0	46.01	37.16	27.56	17.95	9.61	5.56	4.55	3.54	2.78
120.0	47.28	37.92	27.81	17.95	10.37	5.56	4.55	3.03	2.78
125.0	49.05	37.92	27.05	17.19	9.86	5.31	4.80	3.54	3.03
130.0	50.56	37.42	25.79	15.42	9.61	5.81	4.80	3.54	3.29
135.0	53.60	37.92	25.03	15.17	9.10	6.07	4.30	3.79	3.29
140.0	56.12	39.94	25.03	15.17	8.85	6.07	4.55	4.04	3.29
145.0	57.89	41.21	26.29	15.42	8.60	6.32	4.30	3.79	3.54
150.0	57.64	41.71	27.30	16.18	9.61	6.32	4.04	3.54	2.78
155.0	56.88	41.71	28.82	18.71	10.62	5.81	4.30	3.03	2.78
160.0	56.12	41.97	30.34	21.49	12.39	6.07	4.80	3.29	2.53
165.0	55.37	42.72	32.11	23.51	14.16	6.32	4.80	3.79	2.78
170.0	54.86	43.48	34.13	25.28	15.67	7.33	5.06	4.04	2.53
175.0	53.60	42.98	35.14	26.80	16.18	7.84	5.06	4.04	2.78
180.0	53.34	42.98	34.38	25.79	15.42	7.33	5.06	3.54	3.03
185.0	53.34	43.74	33.37	24.02	13.90	6.83	4.55	3.29	2.78
190.0	52.84	42.72	32.61	22.50	13.15	6.32	4.55	3.03	3.03
195.0	51.83	40.70	30.59	20.98	11.88	5.31	4.30	3.54	3.03
200.0	50.06	38.17	28.57	18.46	10.11	5.56	3.79	3.54	2.78
205.0	47.78	36.15	25.53	15.42	8.60	5.31	3.79	3.54	2.53
210.0	45.51	33.88	21.99	13.40	7.33	5.31	3.79	3.54	2.78
215.0	41.46	29.58	18.71	11.12	6.32	5.06	4.04	2.78	2.53
220.0	38.17	25.53	16.18	9.61	5.81	4.55	3.79	2.53	2.28
225.0	35.39	22.25	14.41	8.85	5.81	4.30	4.04	3.03	2.28
230.0	33.62	21.74	13.40	8.85	5.81	4.30	4.30	2.78	2.28
235.0	34.13	21.49	12.89	8.34	5.56	4.30	3.79	3.29	2.28
240.0	36.91	23.01	14.16	8.60	6.32	4.30	3.79	3.03	2.28
245.0	39.69	26.55	15.42	9.61	6.32	5.06	3.54	2.78	2.53
250.0	43.99	31.60	19.21	10.87	6.83	4.80	3.54	2.78	2.53
255.0	48.03	34.63	23.26	12.39	6.83	4.80	3.29	2.53	2.78
260.0	51.07	37.67	25.79	14.92	6.57	4.55	3.03	2.78	2.78
265.0	53.60	40.20	27.81	16.18	6.83	4.55	3.29	2.78	2.28
270.0	55.11	42.47	29.83	17.44	7.08	4.55	3.54	3.29	2.28
275.0	55.62	43.74	31.85	18.46	7.33	4.55	3.54	3.29	2.02
280.0	55.37	43.99	32.36	18.46	7.33	5.06	3.79	3.03	2.02
285.0	55.11	44.24	32.36	17.95	7.84	4.80	3.79	2.28	2.02

Intensity data(cd) Page: 12 Total:16

C/γ(°)	45.0	47.5	50.0	52.5	55.0	57.5	60.0	62.5	65.0
290.0	55.87	43.99	31.35	17.19	7.33	4.55	3.79	2.53	2.28
295.0	57.14	43.99	30.84	15.67	6.57	4.55	3.54	2.53	2.28
300.0	58.15	43.48	28.06	13.40	6.57	4.30	3.29	3.03	2.53
305.0	59.66	43.74	25.79	10.87	6.07	4.30	3.29	2.78	2.53
310.0	60.67	44.24	24.02	9.10	5.31	3.79	3.03	2.78	2.78
315.0	61.43	43.23	22.75	8.60	5.31	4.04	2.78	2.28	2.28
320.0	59.16	40.96	21.49	8.09	4.80	4.04	3.03	2.28	2.28
325.0	56.38	38.17	19.97	8.60	4.80	4.04	3.29	2.53	2.02
330.0	53.34	36.15	20.22	9.10	5.31	4.30	3.29	2.53	1.77
335.0	50.31	36.15	21.49	9.35	5.81	4.04	3.54	2.53	1.77
340.0	48.54	35.65	21.24	9.86	5.81	4.30	3.54	3.03	1.77
345.0	47.02	34.89	21.74	9.61	5.56	4.30	3.29	3.03	2.02
350.0	46.26	33.88	21.74	9.10	5.06	4.04	3.03	2.78	2.28
355.0	45.25	33.37	20.48	8.60	4.80	3.79	2.78	2.78	2.53
360.0	43.48	31.60	18.46	7.84	4.80	3.54	3.03	2.53	2.53

C/γ(°)	67.5	70.0	72.5	75.0	77.5	80.0	82.5	85.0	87.5
0.0	1.52	1.52	1.52	1.26	1.01	1.52	0.76	1.01	0.76
5.0	1.52	1.26	1.26	0.76	0.76	1.26	1.26	0.76	1.26
10.0	1.77	1.26	1.26	1.01	1.01	1.52	1.26	1.01	1.26
15.0	2.02	1.52	0.76	1.01	1.01	1.26	1.26	1.26	1.26
20.0	1.52	1.52	1.01	1.26	1.01	0.76	1.26	1.26	1.01
25.0	1.77	1.26	1.01	1.26	1.01	1.01	0.76	1.26	0.76
30.0	1.52	1.26	1.26	1.26	1.26	1.01	0.76	1.26	0.76
35.0	1.26	1.26	1.26	1.26	1.26	1.26	0.76	0.76	1.01
40.0	1.52	1.26	1.26	1.26	1.26	1.26	1.26	0.76	1.26
45.0	1.77	1.26	1.26	1.01	1.52	1.26	1.26	0.76	1.01
50.0	1.77	1.26	0.76	1.26	1.26	1.26	1.26	1.26	1.01
55.0	1.77	1.26	1.01	1.26	1.26	1.01	1.26	1.26	1.01
60.0	2.02	1.26	1.26	1.26	1.01	0.76	1.26	1.26	1.26
65.0	1.77	1.26	1.26	1.26	1.26	1.26	0.76	1.01	1.26
70.0	1.77	1.77	1.26	1.26	1.01	1.26	1.01	1.01	1.26
75.0	1.77	1.77	1.26	0.76	0.76	1.26	1.26	1.26	0.76
80.0	1.77	1.52	1.26	1.01	1.01	1.01	1.26	0.76	0.76
85.0	1.52	1.26	1.26	1.26	1.01	0.76	1.26	1.01	0.76
90.0	1.77	1.26	0.76	1.26	1.26	1.26	1.26	1.01	0.76
95.0	2.28	1.26	1.26	1.52	1.26	1.26	0.76	1.26	0.76
100.0	2.02	1.26	1.26	1.26	1.26	1.52	1.01	1.26	1.01
105.0	2.28	1.52	1.26	1.01	1.26	1.26	1.01	1.26	1.26
110.0	2.28	2.02	1.26	0.76	1.26	1.01	1.26	1.26	1.26
115.0	2.28	2.02	1.52	1.01	1.26	1.01	1.26	1.01	1.26
120.0	2.53	1.26	1.26	1.26	1.01	1.26	1.26	1.01	1.26
125.0	2.28	1.52	1.52	1.52	1.01	1.26	1.01	1.01	1.26
130.0	2.02	2.02	1.26	1.52	0.76	1.26	1.01	0.76	1.01
135.0	2.28	2.02	1.26	1.26	1.26	1.01	0.76	1.26	1.01
140.0	2.28	1.77	1.26	1.01	1.26	1.01	1.01	1.26	1.01
145.0	2.28	1.77	1.26	1.01	1.26	1.01	1.26	1.26	0.76
150.0	2.53	1.52	1.52	1.01	1.26	1.26	1.26	1.26	0.51
155.0	2.78	1.77	1.26	1.01	1.26	1.26	1.26	1.26	0.76
160.0	2.53	2.02	1.52	1.26	1.01	1.26	1.26	1.26	0.76
165.0	2.28	2.02	1.52	1.26	1.26	1.26	1.01	1.01	1.26
170.0	2.28	2.02	1.26	1.26	1.26	0.76	0.76	1.01	1.26
175.0	2.02	1.52	1.26	1.52	1.01	1.01	0.76	1.01	1.26
180.0	2.02	1.26	1.26	1.26	1.26	1.26	1.26	0.76	1.26
185.0	2.28	1.52	1.26	1.52	1.26	1.26	1.26	1.26	1.26
190.0	2.53	1.52	1.01	1.26	1.26	1.26	1.26	1.01	1.01
195.0	2.28	1.52	1.26	1.01	1.52	1.01	1.26	1.26	1.01
200.0	2.02	1.77	1.26	1.01	1.01	1.01	1.26	1.26	0.51
205.0	1.77	1.52	1.52	1.01	0.76	1.26	1.26	1.26	0.76
210.0	1.77	1.52	1.52	1.01	0.76	1.26	1.01	1.26	1.01
215.0	2.02	1.26	1.26	1.01	1.01	1.26	1.01	0.76	1.26
220.0	2.02	1.52	1.26	1.01	1.26	1.26	0.76	0.76	1.26
225.0	2.02	1.52	1.01	1.01	1.26	1.01	1.01	0.76	1.26
230.0	2.02	1.52	1.26	1.26	1.26	0.76	1.26	1.26	1.01
235.0	2.02	1.77	1.26	0.76	1.26	0.76	1.01	1.52	1.01
240.0	1.52	1.77	1.26	1.26	0.76	1.26	1.26	1.26	1.01
245.0	1.26	1.26	1.26	1.26	1.26	1.01	1.26	1.01	1.26
250.0	1.77	1.01	1.26	1.26	1.26	1.01	1.01	1.01	1.26
255.0	1.52	1.26	1.26	1.52	1.52	0.76	1.01	1.01	1.26
260.0	2.02	1.26	0.76	1.26	1.26	1.01	1.26	1.26	1.26
265.0	1.77	1.26	0.76	1.26	1.26	1.26	1.01	1.26	0.76
270.0	1.77	1.77	0.76	1.26	1.01	1.26	0.76	1.26	0.76
275.0	1.52	1.77	1.26	1.26	1.01	1.26	1.01	1.01	1.26
280.0	1.52	1.52	1.26	1.26	1.26	1.26	1.01	1.01	1.01
285.0	1.52	1.26	1.52	1.26	1.26	1.26	1.01	1.26	1.26

Ten-Lighting Technology Co.Ltd Ten-Lighting Technology Co.Ltd LED Track lights

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Intensity data(cd)

Page: 14 Total:16

C/γ(°)	67.5	70.0	72.5	75.0	77.5	80.0	82.5	85.0	87.5
290.0	1.77	1.01	1.26	1.01	1.26	1.01	1.26	1.26	1.26
295.0	1.77	1.26	1.26	1.01	1.01	1.01	1.26	1.26	1.01
300.0	1.77	1.26	0.76	0.76	1.26	0.76	1.26	1.01	0.76
305.0	1.77	1.26	1.01	1.01	1.26	0.76	1.26	0.76	0.76
310.0	1.52	1.26	1.01	1.01	1.01	1.26	1.01	0.76	1.26
315.0	1.26	1.52	1.26	1.01	0.76	1.26	1.01	1.26	1.26
320.0	1.26	1.52	1.26	0.76	1.01	1.26	1.01	1.26	1.01
325.0	1.26	1.26	1.26	1.01	1.26	1.26	1.01	1.26	1.26
330.0	1.77	1.26	1.26	1.26	1.26	1.26	1.26	1.01	0.76
335.0	1.77	1.26	1.26	1.26	1.26	1.01	1.26	0.51	1.01
340.0	1.77	1.01	0.76	1.26	1.26	0.76	1.26	0.76	1.26
345.0	1.77	1.01	1.01	1.26	1.26	0.76	1.26	1.26	1.52
350.0	1.52	0.76	1.26	1.26	0.76	1.01	1.26	1.26	1.26
355.0	1.26	1.26	1.26	1.52	1.01	1.26	0.76	1.26	0.51
360.0	1.52	1.52	1.52	1.26	1.01	1.52	0.76	1.01	0.76

Intensity data(cd)

C/γ(°)	90.0
0.0	1.01
5.0	1.26
10.0	1.26
15.0	0.76
20.0	0.51
25.0	0.76
30.0	1.01
35.0	1.26
40.0	1.26
45.0	1.01
50.0	0.76
55.0	0.51
60.0	1.01
65.0	1.26
70.0	1.26
75.0	1.26
80.0	0.76
85.0	0.51
90.0	1.01
95.0	1.01
100.0	1.26
105.0	1.26
110.0	1.01
115.0	1.01
120.0	1.01
125.0	0.76
130.0	1.01
135.0	1.01
140.0	1.01
145.0	1.26
150.0	1.26
155.0	1.26
160.0	1.26
165.0	1.01
170.0	1.01
175.0	0.76
180.0	1.01
185.0	1.26
190.0	1.26
195.0	1.26
200.0	1.01
205.0	0.76
210.0	0.76
215.0	0.76
220.0	1.01
225.0	1.26
230.0	1.26
235.0	1.26
240.0	1.26
245.0	1.01
250.0	0.76
255.0	0.76
260.0	0.76
265.0	0.76
270.0	1.26
275.0	1.26
280.0	1.26
285.0	1.26

Intensity data(cd)

C/γ(°)	90.0
290.0	1.01
295.0	0.76
300.0	1.01
305.0	0.76
310.0	0.76
315.0	1.26
320.0	1.26
325.0	1.26
330.0	1.26
335.0	1.26
340.0	0.51
345.0	0.51
350.0	0.76
355.0	0.76
360.0	1.01