











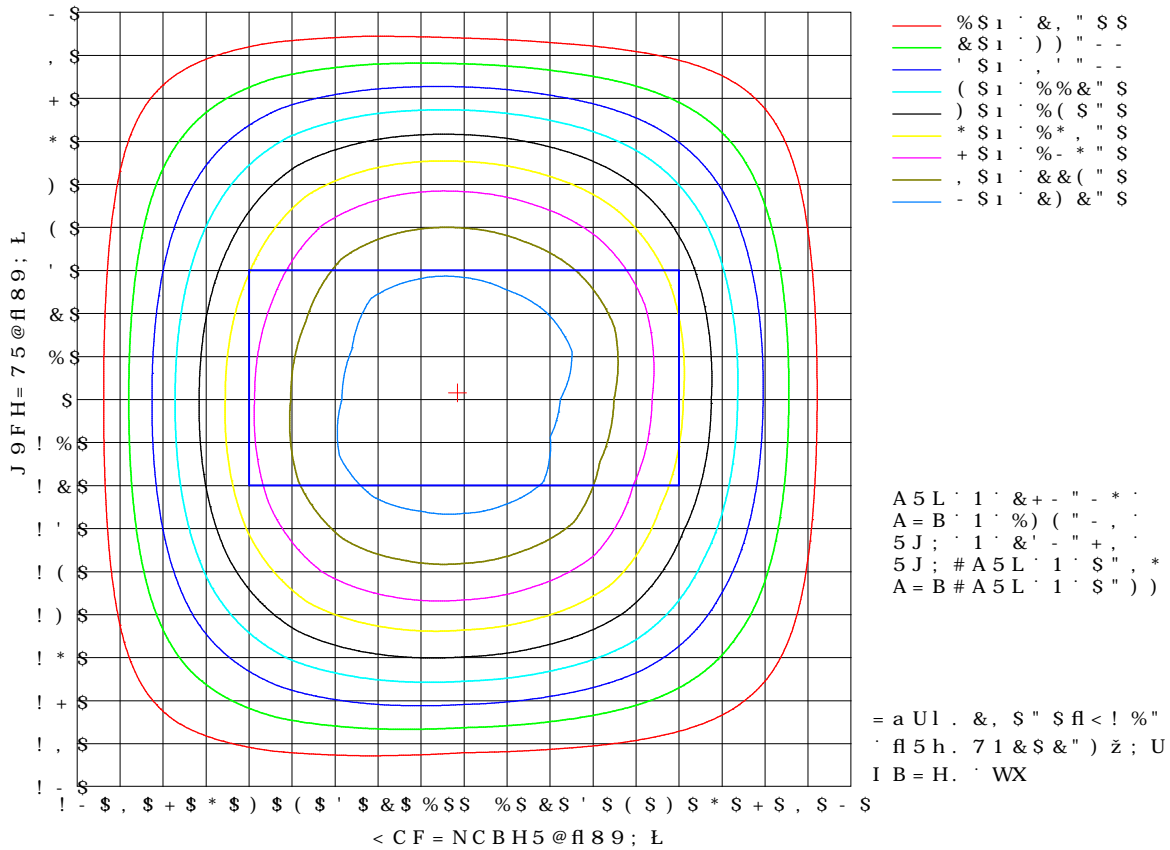




9 J 9 F : = B 9 ' ; C B = C D < C H C A 9 H 9 F G ' G M G H 9 A ' H 9 G H ' F 9 D C F

= G C 7 5 B 8 9 @ 5 ' 8 = 5 ; F 5 A

HYgh. I. &(" S S J ' = . S " + S ' , 5 ' D. % * " , - K ' D : . % " S S S ' ' @ U a d ' : ` i l . , , + " % ) - l % ' a		
B 5 A 9 . ' F A ) ) ! F ; 6 & ( * ) ?	HMD9.	K 9 = ; < H.
GD97 " . ' % , K	8 = A " . ' .	G 9 F = 5 @ ' B c " .
MFR.: Évoralign, Inc.	G I F " . S " S S & l % l S " S % G \ ] Y ` X ] b [ ' 5 b [ ` Y .	



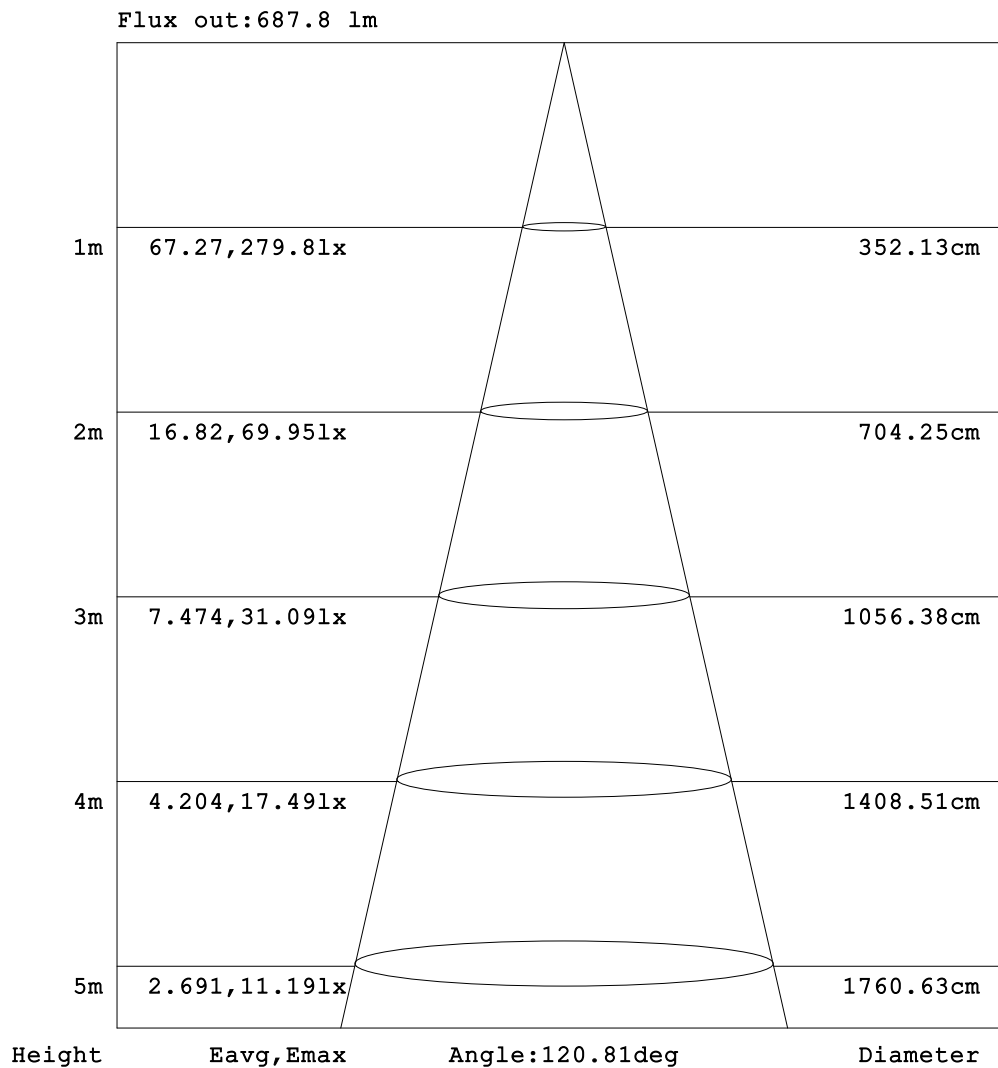
7 ' F U b [ Y . ' ' \$ ' ! ' ' \* \$ 8 9 ;  
 7 ' = b h Y f j U ` . ' ' & & " ) 8 9 ;  
 H Y g h ' G d Y Y X . ' < = ; <  
 H Y a d Y f U h i f Y . & ) " ' 8 9 ;  
 C d Y f U h c f g . > = B N < =  
 H Y g h ' 8 U h Y . & \$ & % ! \$ & ! \$ '

γ ' F U b [ Y . ' ' \$ ' ! ' ' - \$ 8 9 ;  
 γ ' = b h Y f j U ` . ' ' % " \$ 8 9 ;  
 H Y g h ' G m g h Y a . 9 J 9 F : = B 9 ' ; C ! & \$ \$ \$ 5 S J % ' G M C  
 < i a ] X ] h m . \* ) " \$ 1  
 H Y g h ' 8 ] g h U b W Y . - " \* \* \$ a ' O ? 1 % " \$ \$ \$ \$ Q  
 F Y a U f \_ g .



**AAI Figure**

Test:U:24.00V I:0.7038A P:16.89W PF:1.000 Lamp Flux:887.159x1 lm		
NAME: RM55-RGB2465K	TYPE:	WEIGHT:
SPEC.: 18W	DIM.:	SERIAL No.:
MFR.: Évoralignt, Inc.	SUR.:0.002*1*0.01	Shielding Angle:



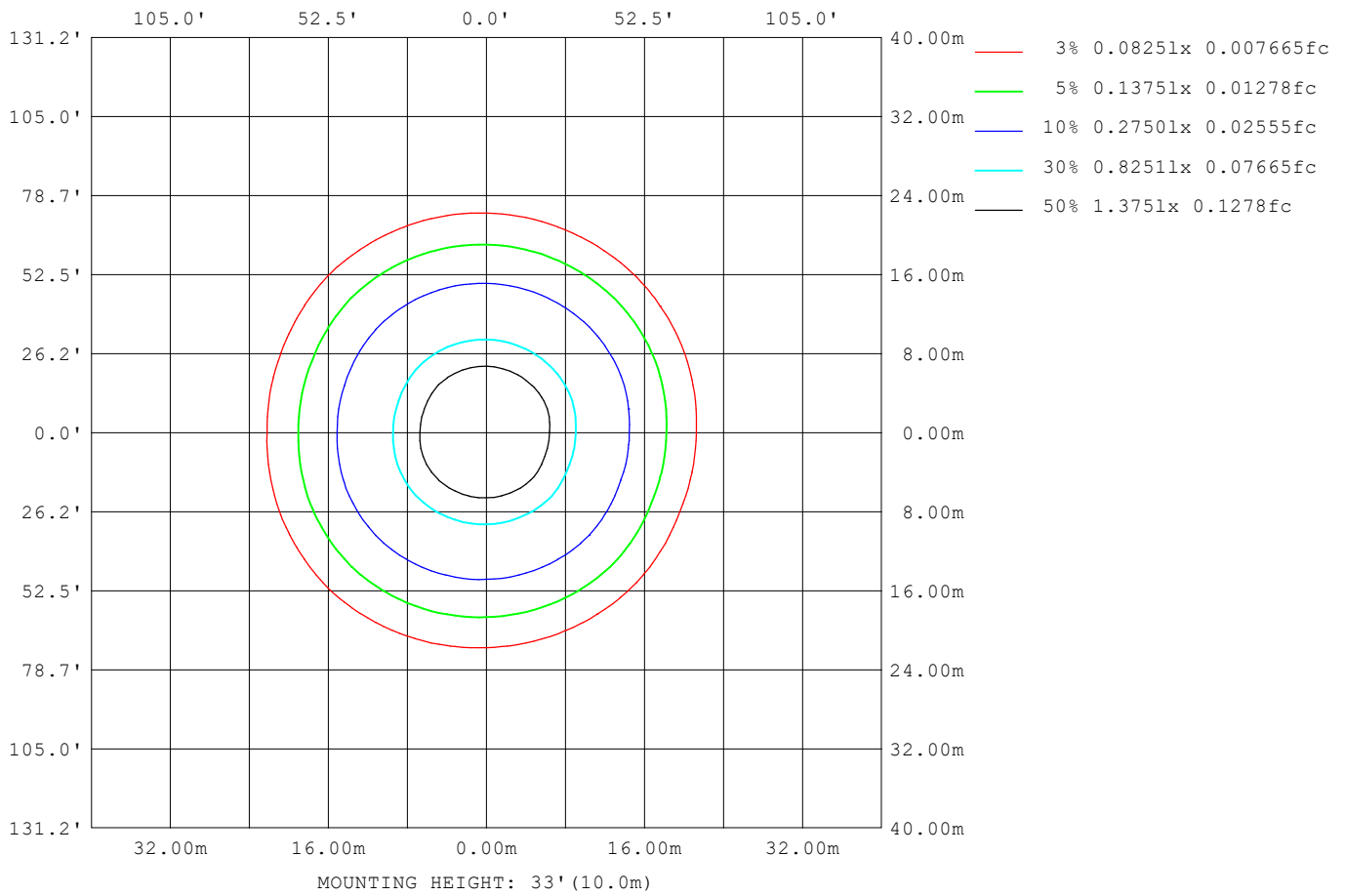
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:JINZHI  
 Test Date:2021-02-03

γ Range: 0 - 90DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.351  
 Humidity:65.0%  
 Test Distance:9.660m [K=1.0000]  
 Remarks:

ISOLUX DIAGRAM

Test:U:24.00V I:0.7038A P:16.89W PF:1.000 Lamp Flux:887.159x1 lm		
NAME: RM55-RGB2465K	TYPE:	WEIGHT:
SPEC.: 18W	DIM.:	SERIAL No.:
MFR.: Évoralignt, Inc.	SUR.:0.002*1*0.01	Shielding Angle:



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:JINZHI  
 Test Date:2021-02-03

γ Range: 0 - 90DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.351  
 Humidity:65.0%  
 Test Distance:9.660m [K=1.0000]  
 Remarks:

LED Avg.L Report

Test:U:24.00V I:0.7038A P:16.89W PF:1.000 Lamp Flux:887.159x1 lm		
NAME: RM55-RGB2465K	TYPE:	WEIGHT:
SPEC.: 18W	DIM.:	SERIAL No.:
MFR.: Évoralignt, Inc.	SUR.:0.002*1*0.01	Shielding Angle:

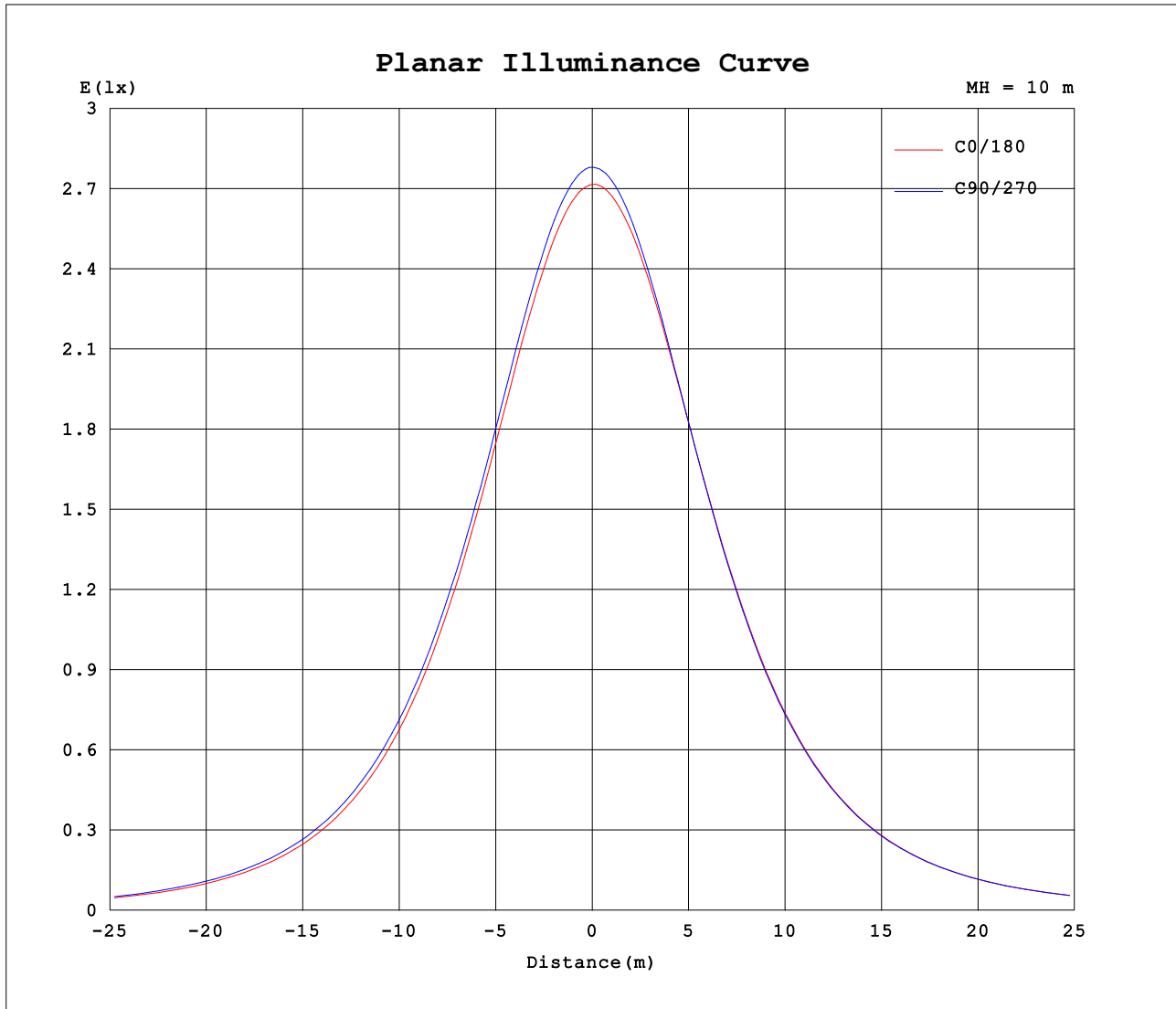
AvgL	cd/m2
L_0~180 (65) av	13785475
L_0~180 (75) av	12767788
L_0~180 (85) av	11863824
L_90~270 (65) av	14006154
L_90~270 (75) av	12903029
L_90~270 (85) av	11598190
L_45 (65) av	14198144
L_45 (75) av	13187178
L_45 (85) av	12538168

Standard: GB/T 29293-2012

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γ Range: 0 - 90DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.351  
 Humidity:65.0%  
 Test Distance:9.660m [K=1.0000]  
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: JINZHI  
 Test Date: 2021-02-03

γ Range: 0 - 90DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.0.351  
 Humidity: 65.0%  
 Test Distance: 9.660m [K=1.0000]  
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:24.00V I:0.7038A P:16.89W PF:1.000 Lamp Flux:887.159x1 lm		
NAME: RM55-RGB2465K	TYPE:	WEIGHT:
SPEC.: 18W	DIM.:	SERIAL No.:
MFR.: Évoralignt, Inc.	SUR.:0.002*1*0.01	Shielding Angle:

Table--1

UNIT: cd

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	277	277	277	277	277	277	277	277	277	277	277	277	277	277	277	277			
5	275	275	275	275	276	276	277	277	277	277	277	277	276	276	276	276			
10	272	272	272	272	273	274	275	275	276	276	275	275	274	274	273	273			
15	267	266	267	267	268	270	271	272	273	273	272	272	270	270	269	268			
20	261	260	260	261	262	264	266	267	269	269	267	266	265	263	263	262			
25	252	251	252	252	254	257	260	261	263	263	261	259	257	256	255	254			
30	241	240	242	242	243	247	251	253	254	254	252	250	248	246	245	244			
35	228	227	229	230	231	236	241	242	243	243	241	239	236	234	233	231			
40	213	212	214	215	217	223	228	229	229	230	228	226	222	220	219	217			
45	195	194	197	198	201	207	213	213	213	214	213	210	207	204	203	200			
50	175	174	178	179	182	189	195	195	195	196	195	192	189	186	184	180			
55	154	153	157	158	161	168	175	174	174	175	175	172	168	166	163	159			
60	131	130	133	135	139	146	152	151	150	152	153	150	146	143	140	136			
65	108	106	109	111	114	121	127	126	125	128	128	126	123	119	116	111			
70	83.5	82.1	83.4	85.3	88.6	95.5	100	100.0	99.2	101	103	101	97.1	93.4	90.2	86.5			
75	59.6	58.0	58.5	59.7	62.6	69.1	73.6	73.4	72.6	74.8	76.3	74.6	71.0	67.4	64.7	61.8			
80	37.2	35.7	35.3	35.8	37.7	43.6	47.6	47.3	46.7	49.1	50.5	49.3	45.6	42.5	40.4	38.5			
85	18.0	16.7	16.1	16.1	16.9	21.3	24.1	24.0	23.3	25.7	27.5	27.0	23.6	21.2	19.8	18.4			
90	2.43	4.01	4.54	4.90	5.40	6.81	7.52	6.94	5.28	8.30	9.83	10.0	7.71	6.37	5.59	4.56			

C Range: 0 - 360DEG  
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