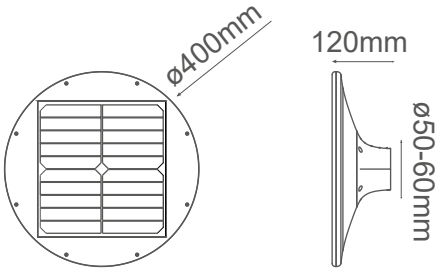
SERIE GIRO

Modelo: 52-4020

astro
LED Lighting



-07 Negro

Poste se vende por separado

CARACTERÍSTICAS DEL PRODUCTO:

GENERAL:

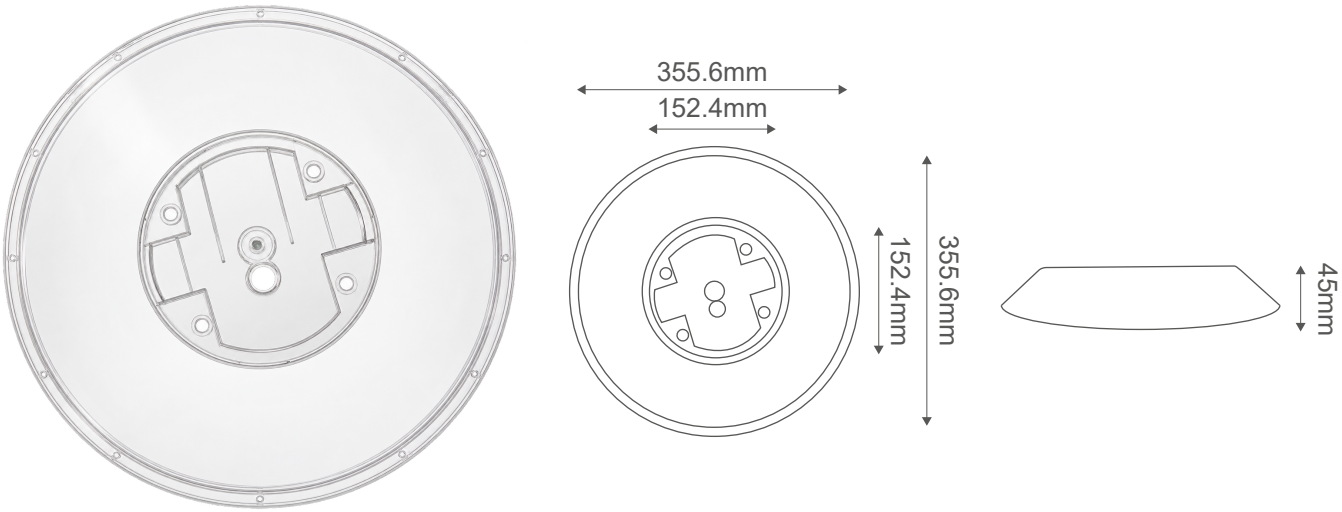
DESCRIPCIÓN: LUMINARIO SOLAR EXTERIOR
TIPO DE LED : SMD 2835
WATTS: 20W
FLUJO LUMINOSO: 2100lm
TEMPERATURA DE COLOR: 3000K / 4000K
TIEMPO TOTAL DE CARGA: 4-6 HORAS DE LUZ SOLAR
RANGO DE SENSOR PIR: N/A
HORAS DE ILUMINACIÓN: 8-12 HORAS
IP: 65
CRI >90
MATERIAL: ABS+PC
BATERIA: BATERÍA DE LITIO 6000MAH,6.4V, 38.4WH, REEMPLAZABLE)
ALTURA DE INSTALACIÓN: 2~4 mts
DISTANCIA DE INSTALACIÓN: 10~15mtrs

ICONOGRAFÍA:

LED SMD 2835	**20W**	2100 lm	IP**65**	360°	ABS + PC

Serie GIRO

ACCESORIO - ACR-524020



CARACTERÍSTICAS DEL ACCESORIO:

GENERAL:

MATERIAL: ACRILICO
*IMAGEN DE REFERENCIA

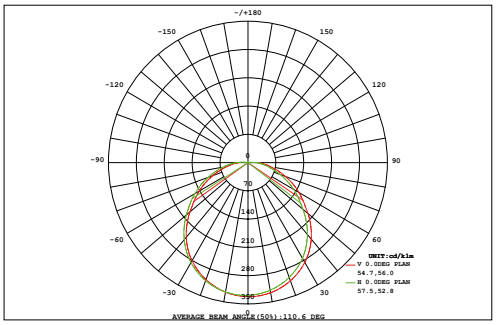
SERIE GIRO

INFORMACIÓN FOTOMÉTRICA:

astro
LED Lighting

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:0V I:0A P:0W PF:1.000 Freq:0Hz Lamp Flux:1849.51x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



DATA OF LAMP		PHOTOMETRIC DATA	
MODEL		Imax(cd/klm)	331.9
NOMINAL POWER(W)	20	AVAILABILITY(%)	96.7
RATED VOLTAGE(V)		Avai. FLUX(lm/klm)	967.0
NOMINAL FLUX(lm)	1849.51	LOR(%)	100.0
LAMPS INSIDE	1	TOTAL FLUX(lm/klm)	1000.0
TEST VOLTAGE(V)		θ @50%(H,V)	111,110DEG

AREA FLUX DIAGRAM — UNIT:lm/klm

VERTICAL(DEG)	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL(DEG) 20	30	40	50	60	70	80	90	Φ t	Φ a
90	0.07	0.23	0.42	0.62	0.83	1.02	1.17	1.29	1.35	1.34	1.26	1.14	0.97	0.78	0.58	0.39	0.21	0.06	13.7	10.4
80	0.08	0.30	0.59	0.96	1.37	1.77	2.11	2.38	2.52	2.51	2.34	2.06	1.70	1.30	0.90	0.55	0.27	0.07	23.8	23.5
70	0.09	0.36	0.78	1.34	1.99	2.65	3.24	3.68	3.92	3.90	3.64	3.17	2.57	1.91	1.27	0.73	0.33	0.08	35.7	35.6
60	0.10	0.43	0.98	1.74	2.66	3.59	4.41	5.02	5.36	5.34	4.96	4.32	3.49	2.56	1.66	0.92	0.39	0.09	48.0	48.0
50	0.10	0.49	1.17	2.13	3.28	4.46	5.53	6.37	6.82	6.80	6.30	5.43	4.34	3.17	2.05	1.10	0.45	0.09	60.1	60.0
40	0.11	0.54	1.34	2.47	3.81	5.27	6.60	7.57	8.09	8.07	7.50	6.49	5.14	3.70	2.38	1.26	0.50	0.10	70.9	70.9
30	0.12	0.58	1.47	2.73	4.27	5.95	7.42	8.48	9.03	9.00	8.40	7.31	5.82	4.15	2.63	1.40	0.54	0.10	79.4	79.4
20	0.12	0.61	1.56	2.91	4.61	6.41	7.96	9.07	9.63	9.59	8.97	7.84	6.28	4.48	2.81	1.49	0.57	0.11	85.0	85.0
10	0.12	0.63	1.61	2.99	4.78	6.64	8.21	9.36	9.93	9.88	9.27	8.11	6.51	4.65	2.89	1.53	0.58	0.11	87.8	87.8
0	0.12	0.62	1.60	2.97	4.75	6.59	8.15	9.28	9.83	9.85	9.24	8.07	6.48	4.62	2.87	1.52	0.58	0.11	87.3	87.2
-10	0.12	0.60	1.53	2.84	4.51	6.28	7.78	8.85	9.42	9.43	8.85	7.73	6.18	4.40	2.75	1.46	0.56	0.11	83.4	83.4
-20	0.11	0.57	1.42	2.62	4.10	5.72	7.13	8.18	8.72	8.72	8.17	7.09	5.64	4.00	2.54	1.35	0.53	0.10	76.7	76.7
-30	0.11	0.52	1.27	2.33	3.57	4.94	6.22	7.17	7.66	7.65	7.15	6.17	4.86	3.49	2.25	1.20	0.48	0.10	67.1	67.1
-40	0.10	0.46	1.09	1.97	2.99	4.04	5.05	5.84	6.24	6.23	5.80	4.99	3.98	2.92	1.90	1.03	0.43	0.09	55.2	55.1
-50	0.09	0.40	0.90	1.57	2.35	3.16	3.89	4.44	4.71	4.70	4.40	3.85	3.10	2.29	1.50	0.85	0.37	0.09	42.7	42.6
-60	0.09	0.34	0.71	1.18	1.71	2.25	2.75	3.11	3.29	3.28	3.08	2.70	2.20	1.65	1.12	0.66	0.31	0.08	30.5	30.4
-70	0.08	0.27	0.53	0.82	1.13	1.44	1.71	1.90	1.99	1.98	1.88	1.67	1.40	1.09	0.78	0.49	0.25	0.07	19.5	19.1
-80	0.07	0.21	0.37	0.52	0.66	0.80	0.91	0.98	1.01	1.01	0.97	0.89	0.77	0.64	0.49	0.34	0.20	0.06	10.9	5.02
-90																				
Φ t	1.79	8.18	19.3	34.7	53.4	73.0	90.2	103	110	109	102	89.0	71.4	51.8	33.4	18.3	7.57	1.63	978	---
Φ a	1.28	7.65	18.8	34.2	52.8	72.4	89.7	102	109	109	102	88.4	70.8	51.1	32.7	17.6	6.89	0.97	---	967

one-half-peak spread: U:53.2,D:55.9 , L:56.4,R:55.1 **NEMA Beam Type: Type 7**

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-04-14

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:10.864m [K=1.0000]
Remarks:

SERIE GIRO

INFORMACIÓN FOTOMÉTRICA:

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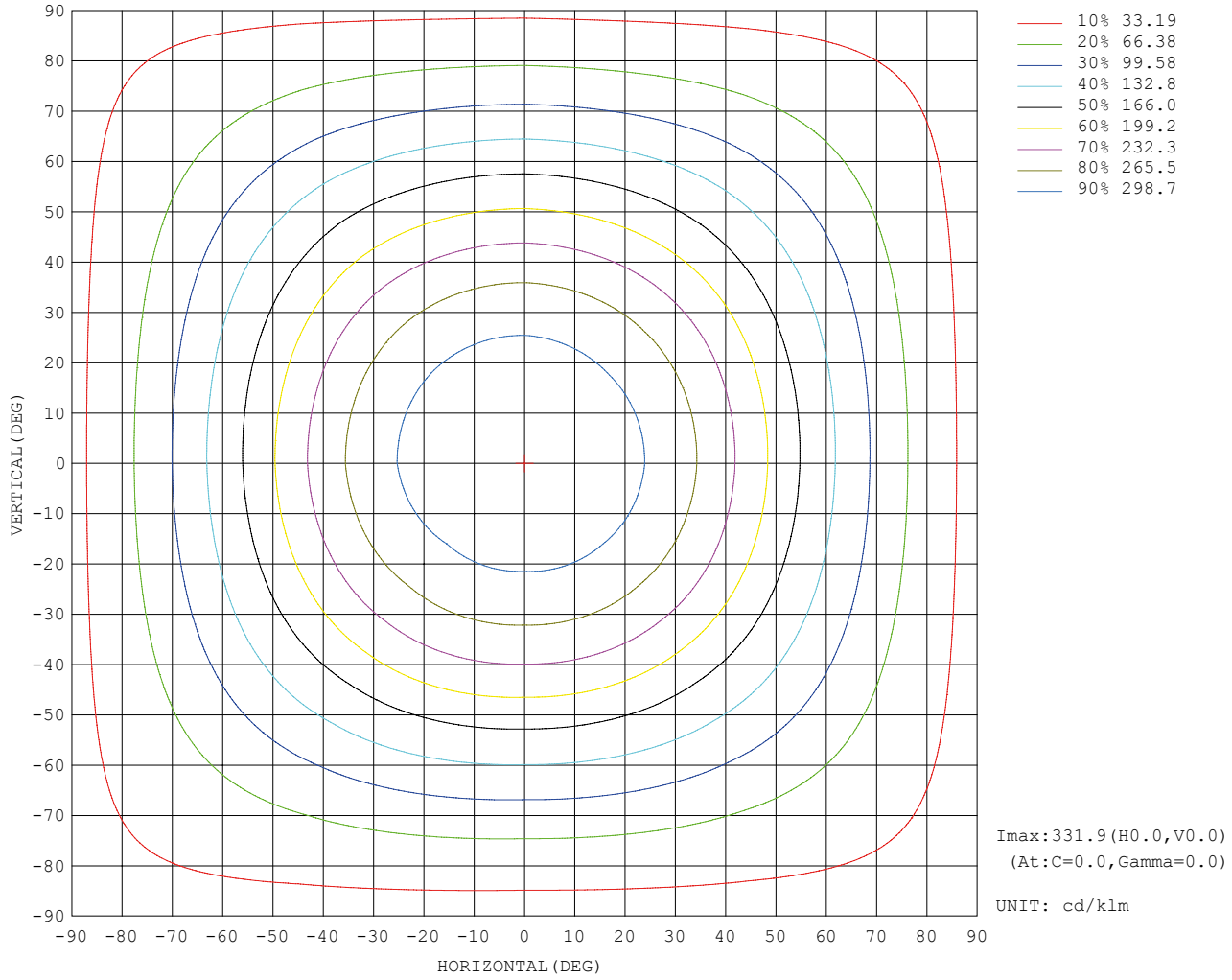
ISOCANDELA DIAGRAM



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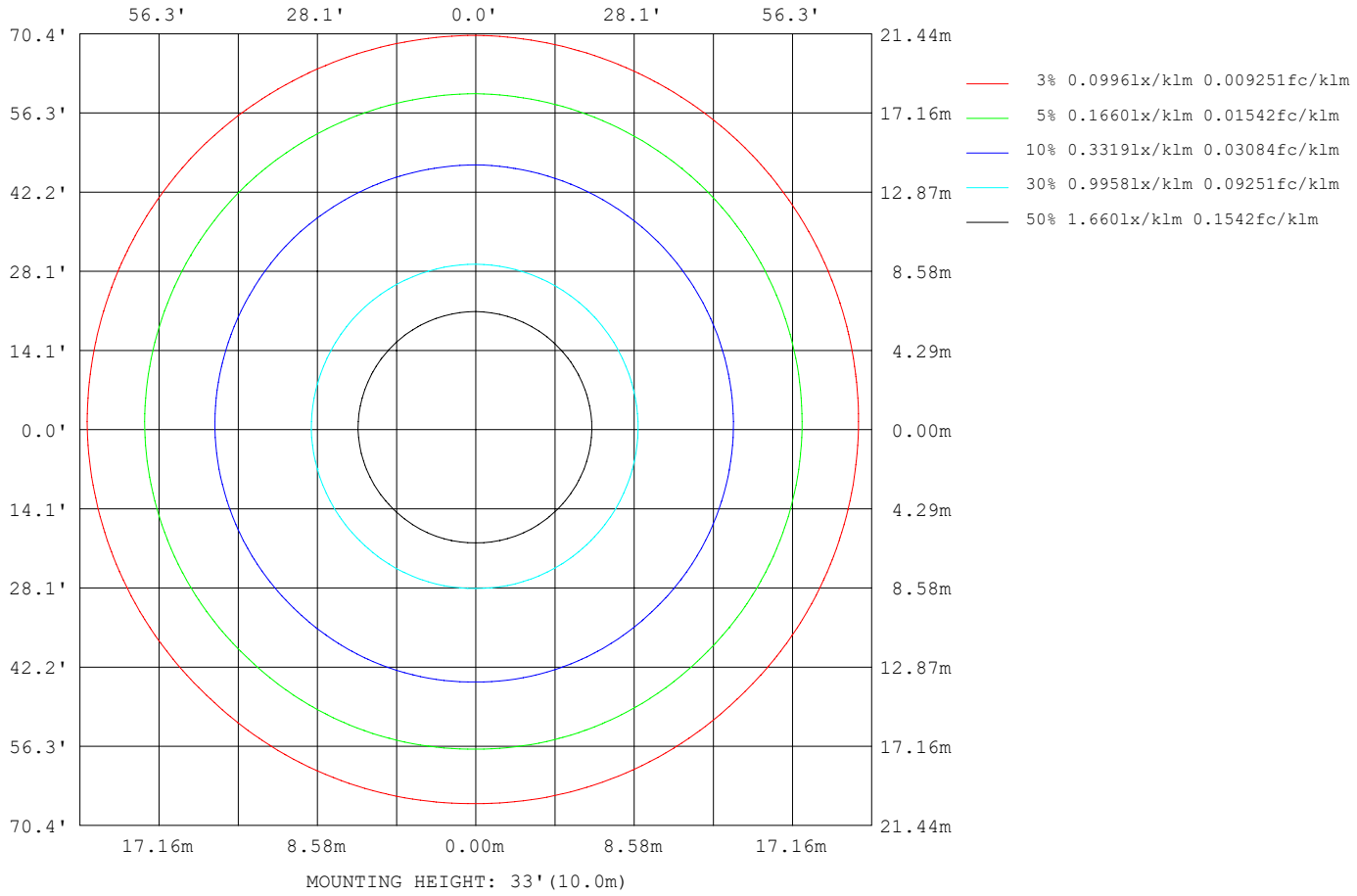
Humidity:65.0%
Test Distance:10.864m [K=1.0000]
Remarks:

SERIE GIRO

INFORMACIÓN FOTOMÉTRICA:

astro
LED Lighting

ISOLUX DIAGRAM



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Humidity:65.0%
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Remarks:

SERIE GIRO

INFORMACIÓN FOTOMÉTRICA:

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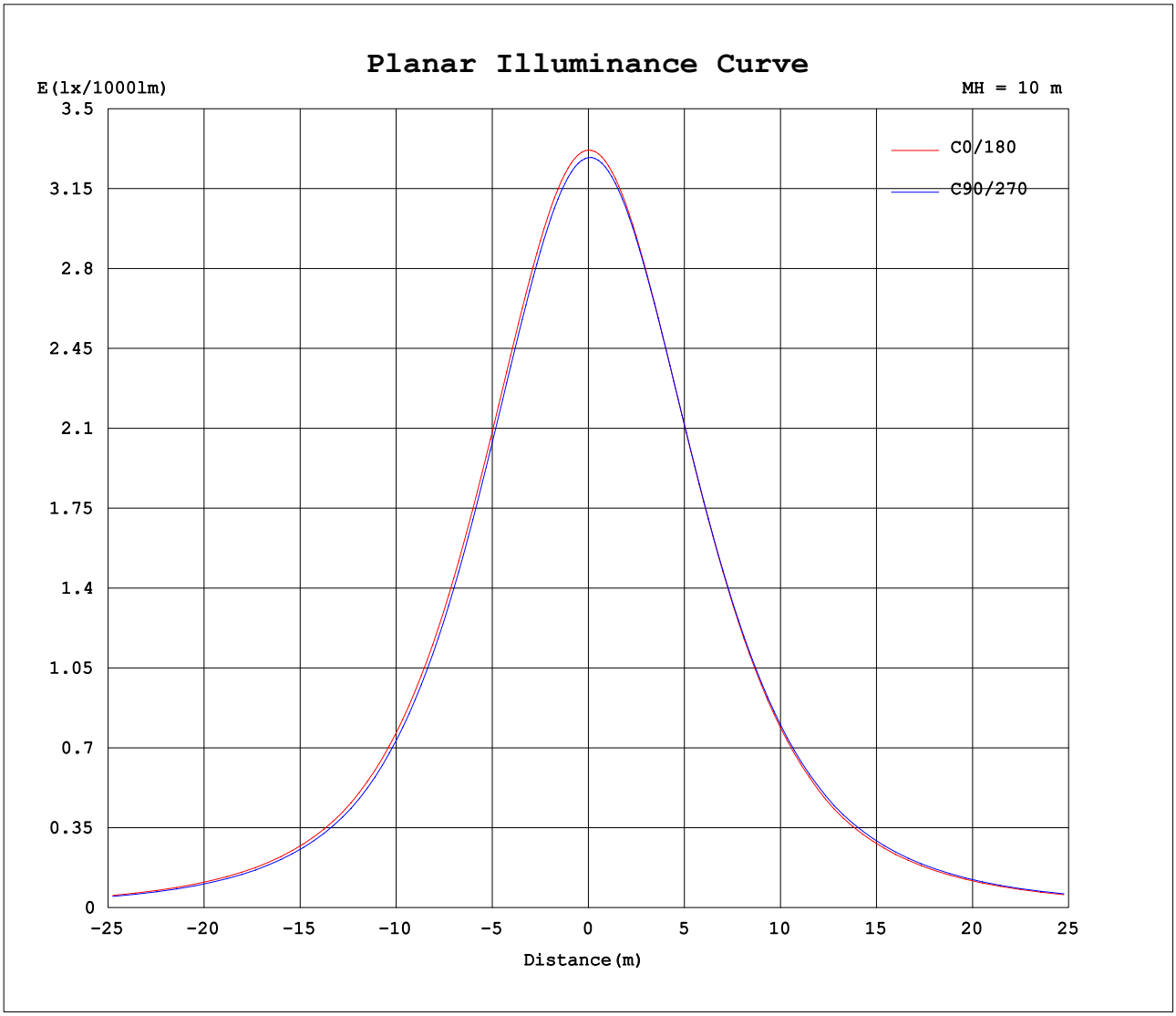
Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-04-14

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:10.864m [K=1.0000]
Remarks:

SERIE GIRO

INFORMACIÓN FOTOMÉTRICA:

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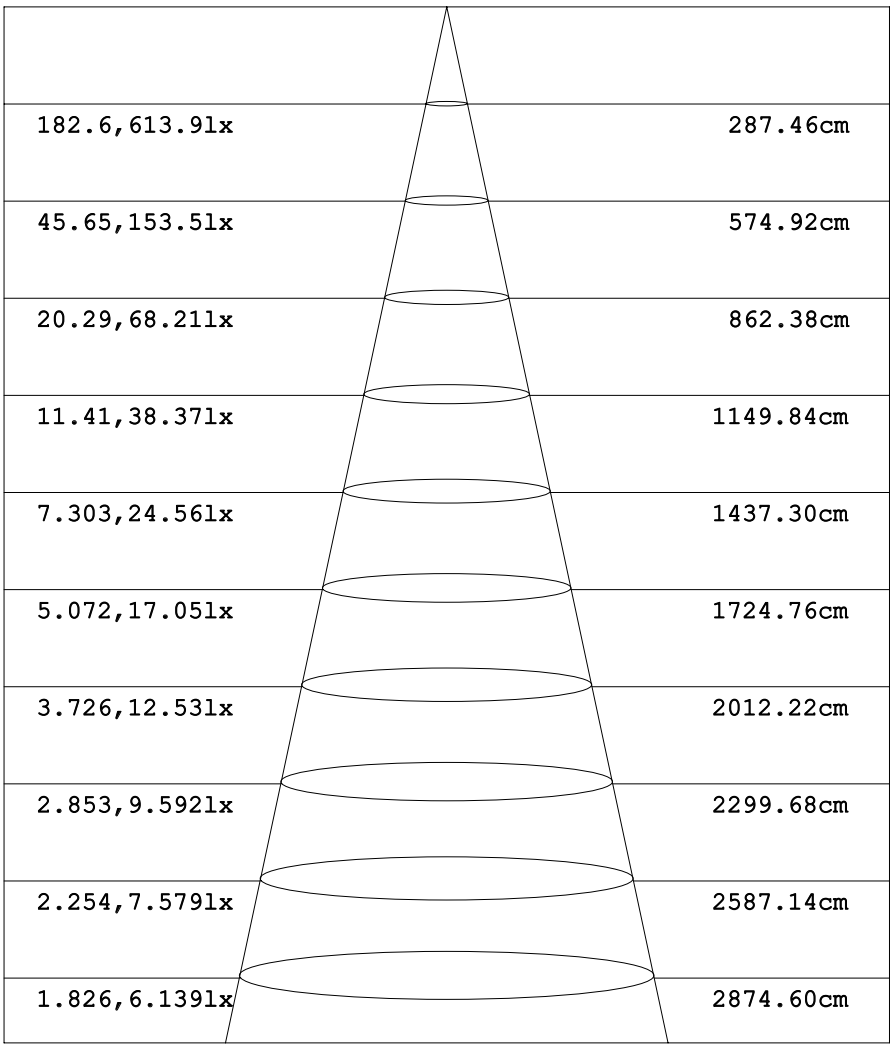
LED Lighting

AAI Figure

Flux out:1261 lm



Height	Eavg,Emax	Angle:110.34deg	Diameter
1m	182.6,613.9lx		287.46cm
2m	45.65,153.5lx		574.92cm
3m	20.29,68.21lx		862.38cm
4m	11.41,38.37lx		1149.84cm
5m	7.303,24.56lx		1437.30cm
6m	5.072,17.05lx		1724.76cm
7m	3.726,12.53lx		2012.22cm
8m	2.853,9.592lx		2299.68cm
9m	2.254,7.579lx		2587.14cm
10m	1.826,6.139lx		2874.60cm

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

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
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Operators:
Test Date:2022-04-14

γ Range: 0 - 180DEG
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