



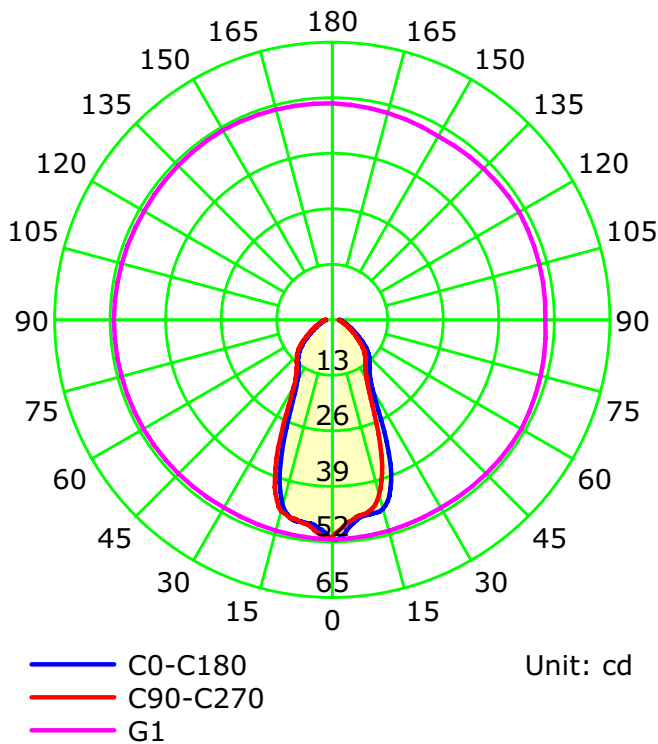
Luminaire Property

Lamp Description:	Lamp Catalog: LED
Lumens per Lamp:	Number of Lamps: 1
Luminous Width (mm):	Luminous Length (mm):
Voltage: 3.5 V	Luminous Height (mm):
Power: 2.50 W	Current: 0.703 A
	Power Factor: 0.999

Photometric Results

CIE Class: Direct	Total Rated Lamp Lumens: 63.0 lm
Measurement Flux: 63 lm	Efficiency: 100%
Downward Ratio: 100%	Upward Ratio: 0%
Luminaire Efficacy Rating (LER): 25	Central Intensity: 51.33 cd
Max. Intensity: 51.44 cd	Pos of Max. Intensity: H0 V1

Luminous Intensity Distribution Curve



Test Type: TYPE C
Temperature: 27.1
Operator: Rong Wen Zhao

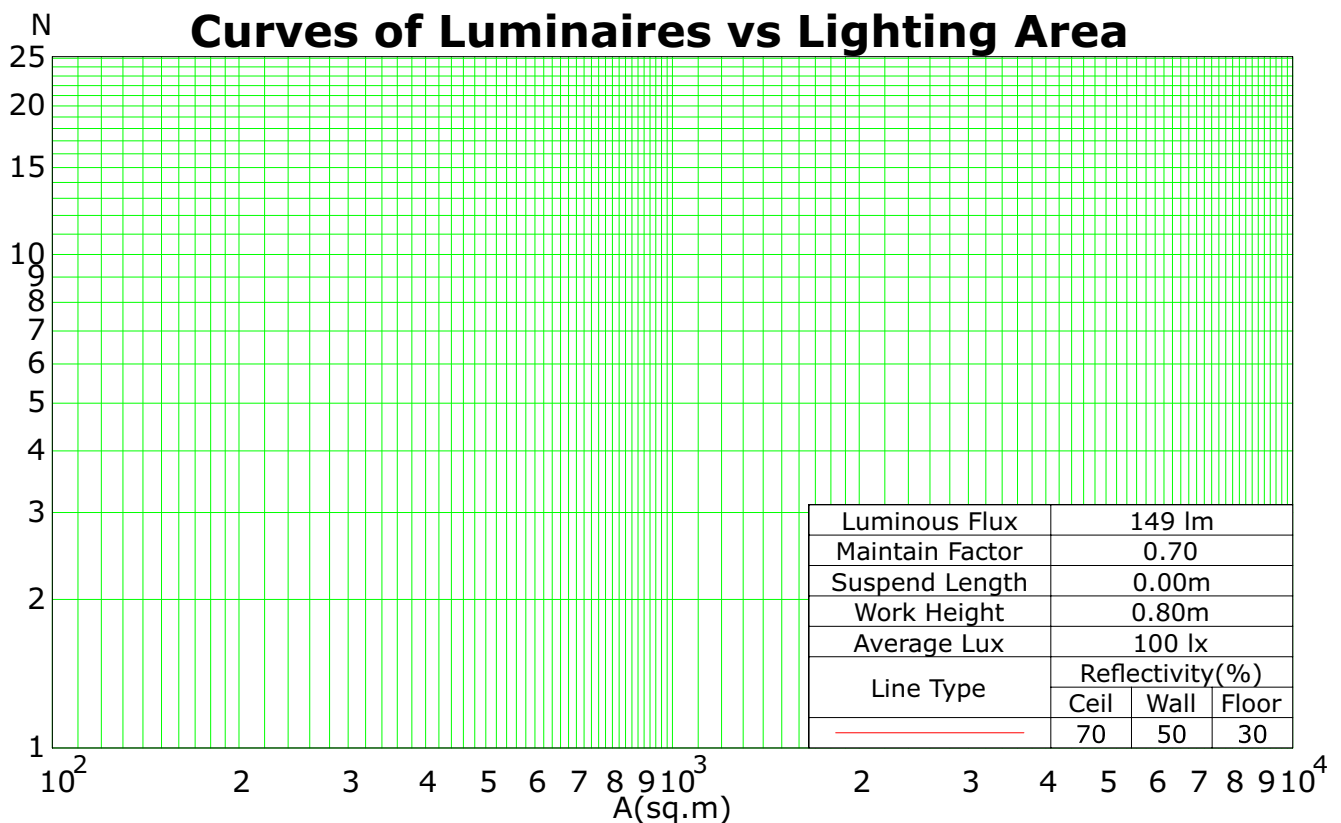
Test Device: GPM-1800
Distance: 10.158 m
Humidity: 52
Inspector:



Coefficients Of Utilization - Zonal Cavity Method

RC	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.5	0.5	0.5	0.3	0.3	0.3	0.1	0.1	0.1	0
RW	0.7	0.5	0.3	0.1	0.7	0.5	0.3	0.1	0.5	0.3	0.1	0.5	0.3	0.1	0.5	0.3	0.1	0
RCR	RF = 0.2																	
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	110	105	101	98	107	103	99	96	99	96	93	95	93	90	91	89	88	86
2	101	94	88	83	99	92	87	82	89	84	80	86	82	78	83	79	77	75
3	94	85	78	72	92	83	77	71	80	75	70	78	73	69	75	71	68	66
4	88	77	69	63	85	76	69	63	73	67	62	71	66	61	69	64	61	59
5	82	70	63	57	80	69	62	56	67	61	56	65	60	55	64	59	55	53
6	77	65	57	51	75	64	57	51	62	56	51	61	55	50	59	54	50	48
7	72	60	52	47	70	59	52	47	58	51	46	56	51	46	55	50	46	44
8	68	56	48	43	66	55	48	43	54	47	43	53	47	43	52	46	42	41
9	64	52	45	40	63	52	45	40	50	44	40	49	44	39	49	43	39	38
10	61	49	42	37	60	48	42	37	47	41	37	47	41	37	46	40	37	35

Spacing Criteria (0-180): 0.82
 Spacing Criteria (90-270): 0.81
 Spacing Criteria (Diagonal): 0.77

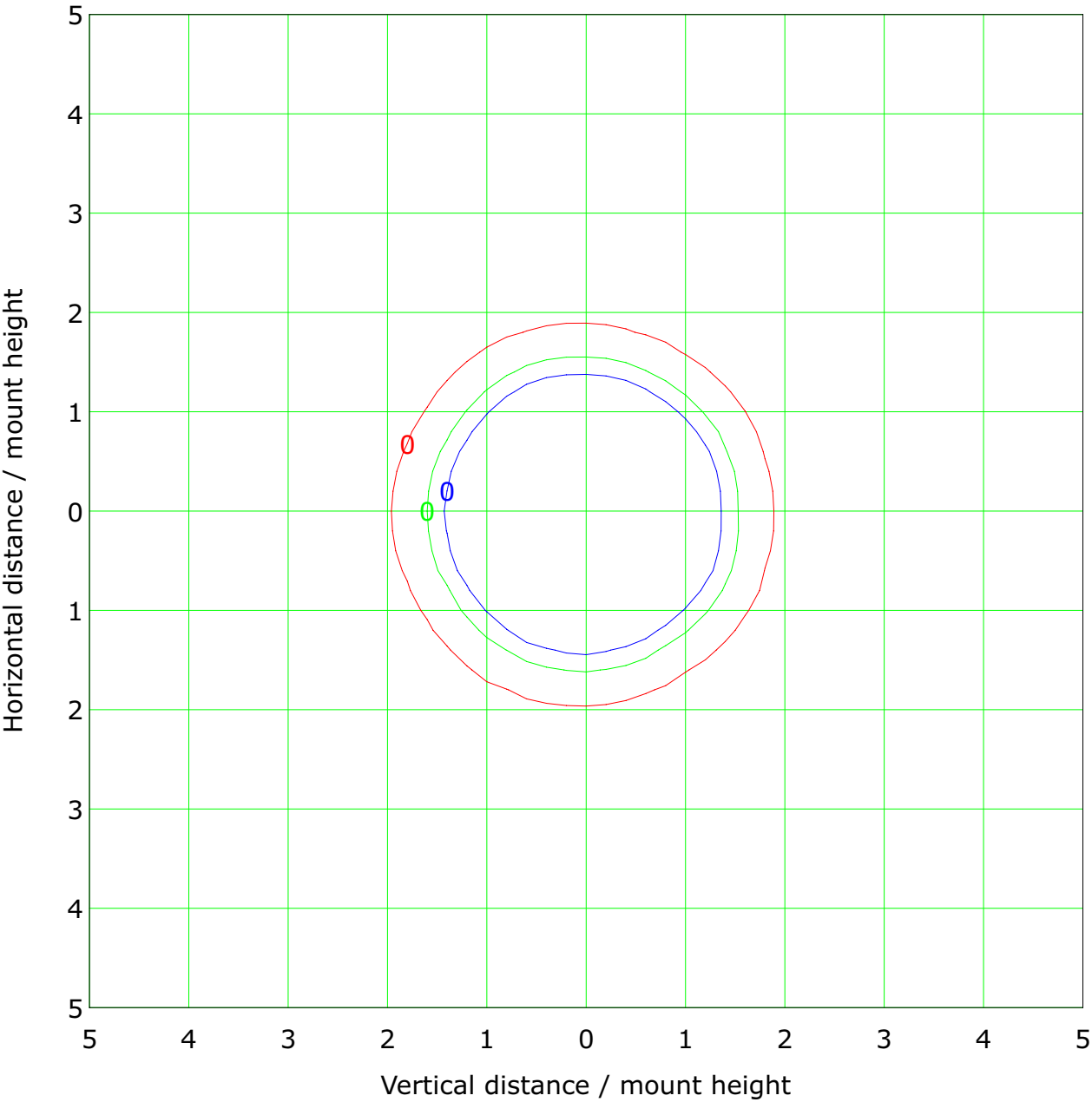


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 Temperature: 27.1
 Operator: Rong Wen Zhao

Test Device: GPM-1800
 Distance: 10.158 m
 Humidity: 52
 Inspector:



IsoLux Plot

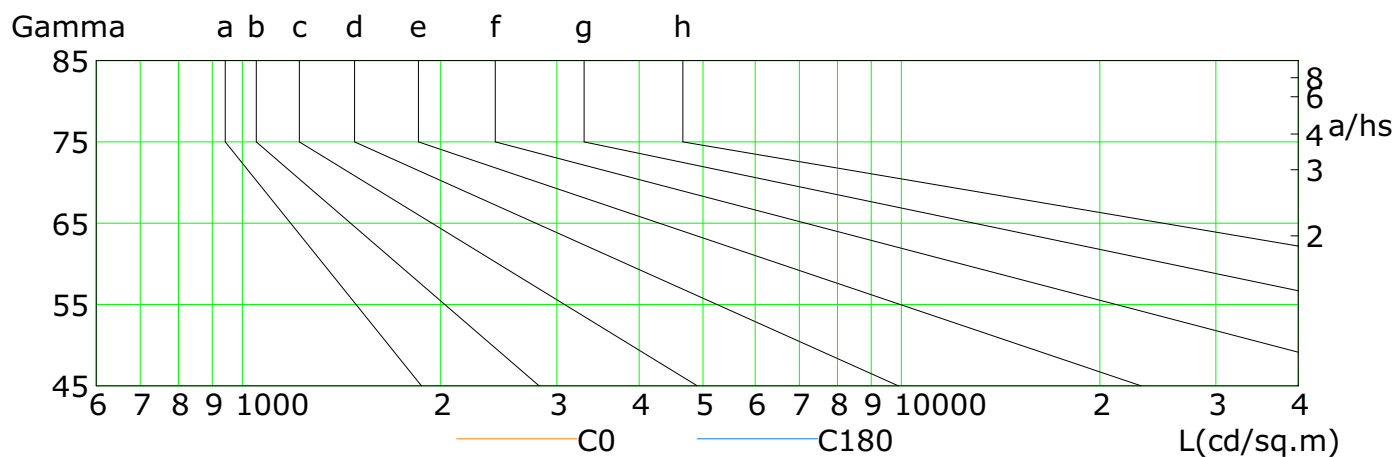
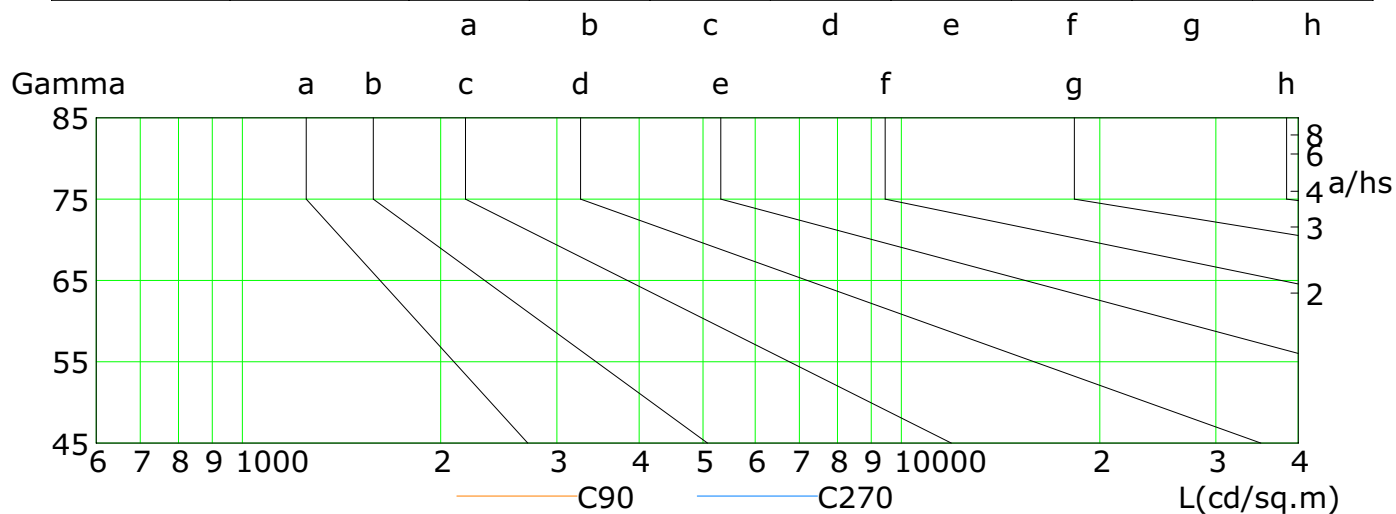


Mounting Height: 3m Max Lux(100%): 6 lx
— (1%): 0 lx — (2%): 0 lx
— (3%): 0 lx



Lum Limit Curve

Dazzle	Quality	Illuminance (lx)							
1.15	A	2000	1000	500	<=300				
1.50	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.20	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300



L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	12	10	8	6	5	4	3	3	2
C90	11	9	7	5	4	3	3	2	2
C180	11	9	7	6	4	3	3	2	2
C270	12	10	8	6	5	4	3	2	2

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 Temperature: 27.1
 Operator: Rong Wen Zhao

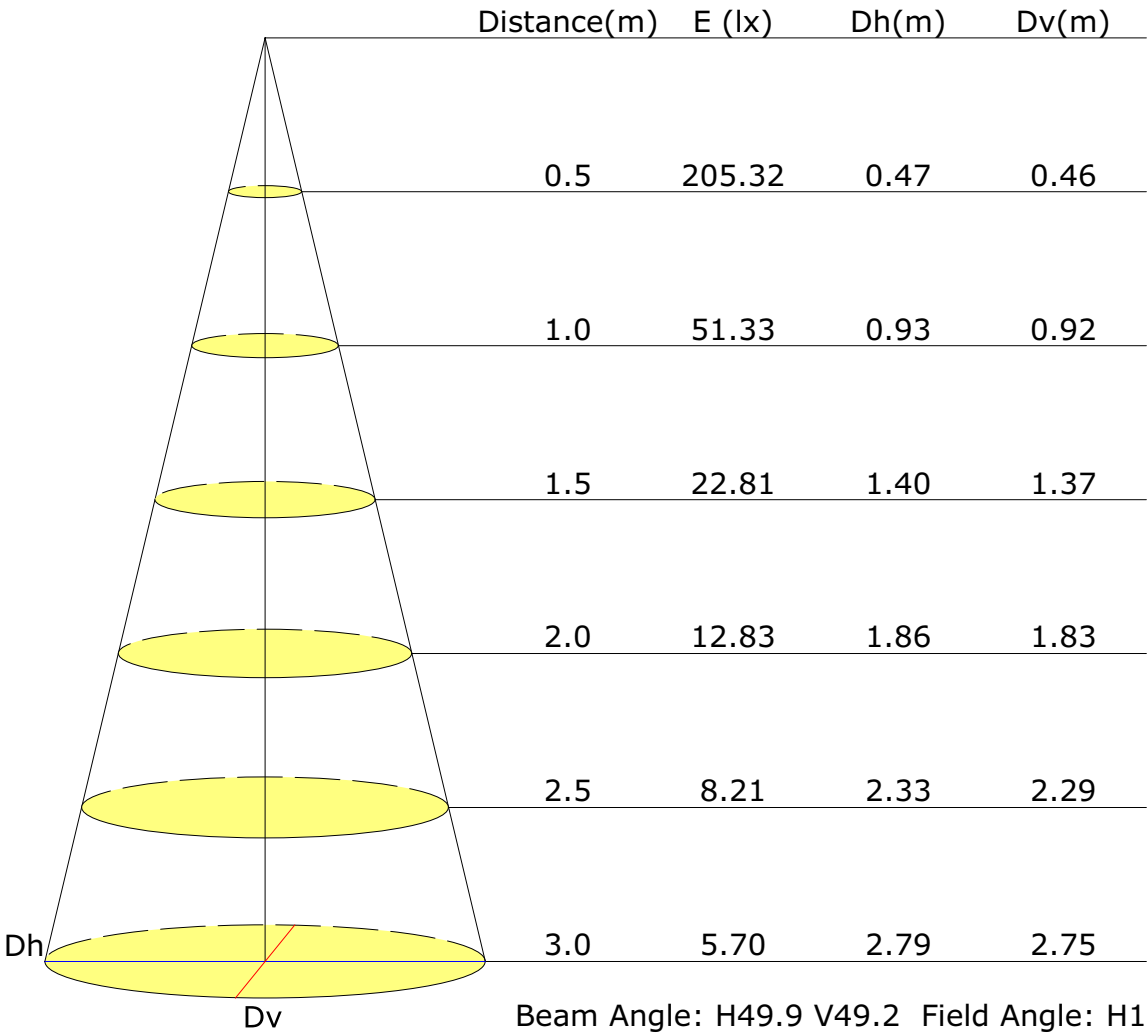
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IDEA

/HILUS (10.26.0100.20)

Illuminance at a Distance



Test Type: TYPE C
 Temperature: 27.1
 Operator: Rong Wen Zhao

Test Device: GPM-1800
 Distance: 10.158 m
 Humidity: 52
 Inspector: