



Punto Multiple Surface

Colgante Punto Multiple Surface LED 19.1W 3000K ON-OFF Negro 625lm

Características técnicas

Potencia total luminaria: 19.1W

Lúmenes reales: 625

Lm / W reales: 33

Temperatura de color correlacionada (CCT): 3000K

Ángulo Ópticas / Reflector: MEDIUM 33°

UGR: <=16

Material de la estructura: Aluminio

Acabado estructura: Negro

Voltaje / Frecuencia: 220-240V/50-60Hz

Protocolo de regulación: ON-OFF

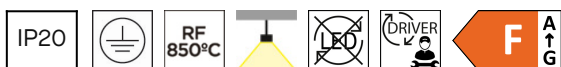
Power Factor: 0.78

THD%: 42.3

Vida útil: 50,000h L80B20

Garantía: 5 años

Luminaria fácilmente reciclable



Características luminotécnicas

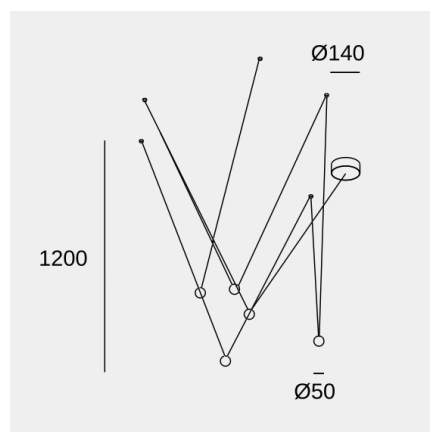
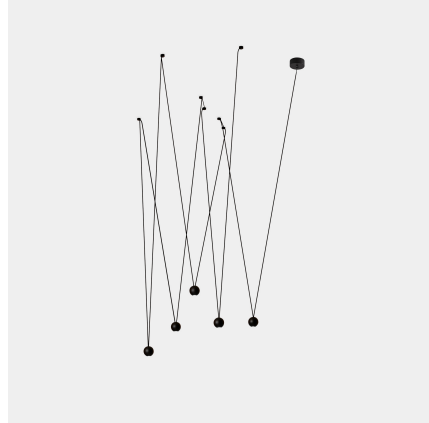
CRI: 92

MacAdam steps: 3

Riesgo fotobiológico: RG2

UGR	
S=0.250	
Techo / Cavidad	0.7
Paredes	0.5
Plano De Trabajo	0.2
Dimensiones de la habitación	X=4H, Y=8H
UGR Transversal	8.4
UGR Longitudinal	8.4

Portalámparas	Cantidad	Potencia fuente de luz (W)	Temperatura de color correlacionada (CCT)
LED	1	16.5W	3000K



La imagen puede no coincidir con la referencia, LedsC4 se reserva el derecho de modificación de alguno de los componentes que componen el producto. Los datos relativos al flujo, la potencia y la temperatura de color pueden estar sujetos a cambios del fabricante.



Punto Multiple Surface

Colgante Punto Multiple Surface LED 19.1W 3000K ON-OFF Negro 625lm

Logística



x 9

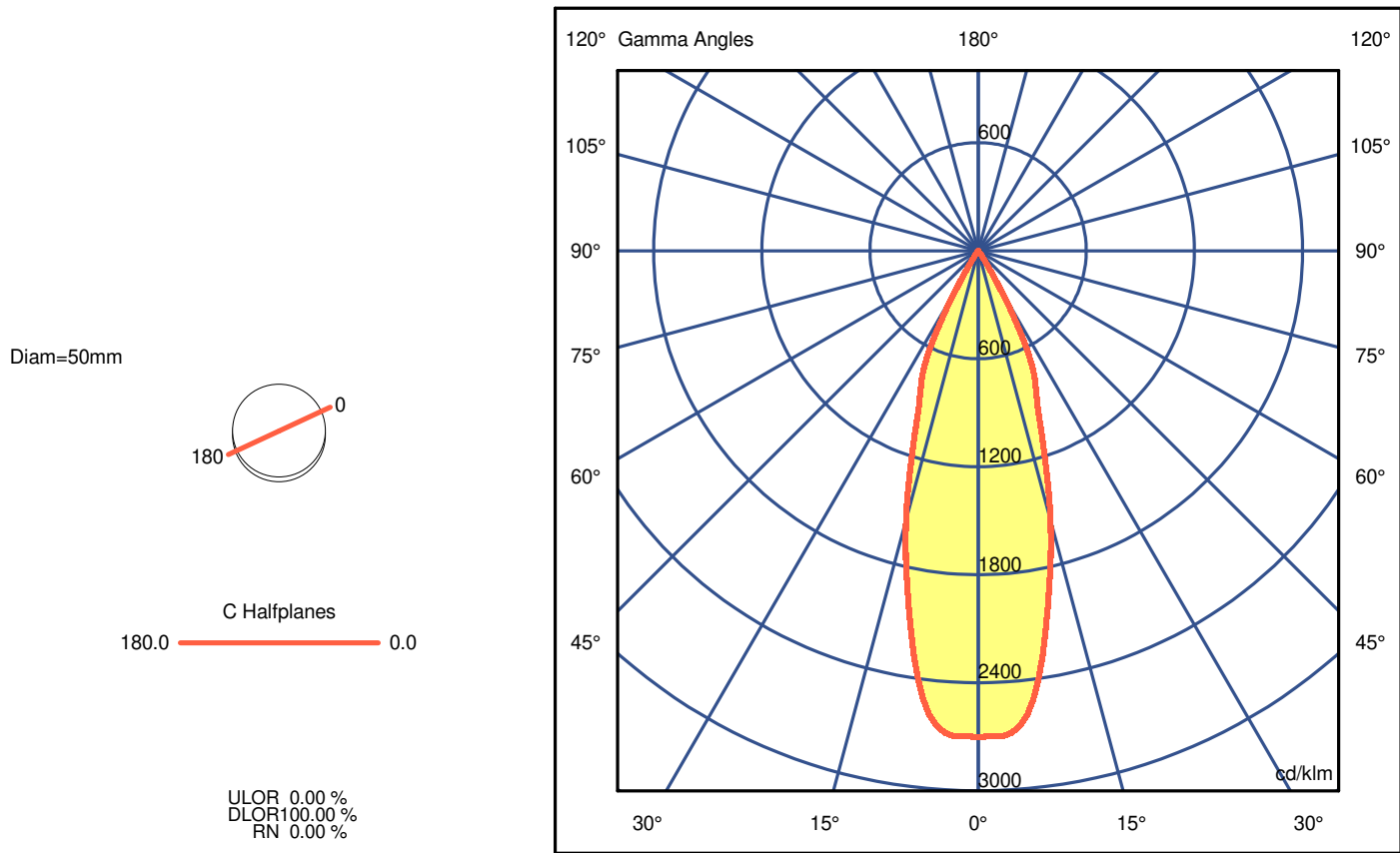
Peso neto (Kg): 1.64

Peso embalado (Kg): 2.06

Embalaje: 375mm x 175mm x 180mm

La imagen puede no coincidir con la referencia, LedsC4 se reserva el derecho de modificación de alguno de los componentes que componen el producto. Los datos relativos al flujo, la potencia y la temperatura de color pueden estar sujetos a cambios del fabricante.

Luminaire				
Code	00-A337-05-05_1			
Name	PUNTO			
Line	OXL			
Measurem.				
Code	00-A337-05-05_1			
Name	PUNTO			
Source Data				
Code	LED	Correlated Color Temperature (CCT)	3000K	Q.ty 1
Name	LED	Color rendering index (CRI)	90	
Line				
Measurement data				
Coordinate system	CG	Symmetry Type	Rotosymmetrical	
Date	28-08-2019	Maximum Gamma Angle	90°	
Measurement Distance	0.00m	Measurement Flux	125.1 lm	
Maximum	2698.80 cd/klm	Position	C=0.0° G=0.0°	
Electrical Parameters				
Channel 1		Channel 2		
Voltage	0.00 V	Voltage	0.00 V	
Current	0.00 A	Current	0.00 A	
Power	4.00 W	Power	0.00 W	
Frequency	0 Hz	Frequency	0 Hz	
Power Factor	0.00	Power Factor	0.00	
Environmental Parameters				
Temperature	0.0 °C	Air Speed	0.0 m/s	
Humidity	0.0 %			
Luminaire Dimensions				
Round Luminaire	Diam.	50 mm	Height	50 mm
Round Luminous Area	Diam.	18 mm	Height	0 mm
Horizontal Luminous Area	0.000254 m2		Emitting area on Plane 180°	0.000000 m2
Emitting area on Plane 0°	0.000000 m2		Emitting area on Plane 270°	0.000000 m2
Emitting area on Plane 90°	0.000000 m2		Glare area at 76°	0.000062 m2
Photometric Assessment				
Luminaire Flux	125.1 lm	Source Flux	125.1 lm	
Efficacy	31.285 lm/W	Efficiency	100.0 %	
CIE Flux Codes	100 100 100 100 100	D DIN 5040	A60	
F UTE	--	B NBN	BZ 1	



Luminaire

Code 00-A337-05-05_1
Name PUNTO

Measurem.

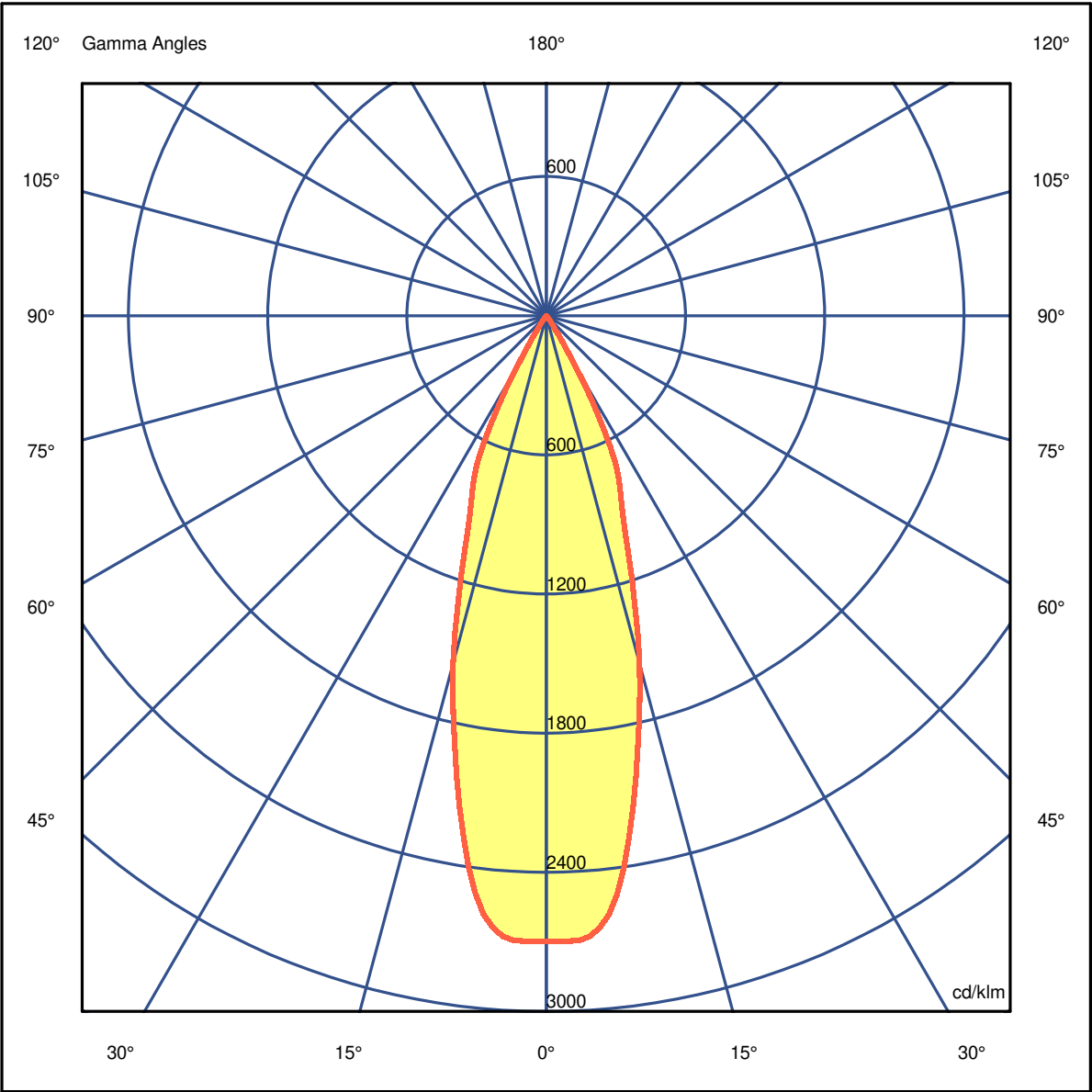
Code 00-A337-05-05_1
Name PUNTO

Luminaire Flux	125 lm	Luminaire Power	4.0 W	Efficacy	31.285 lm/W	Efficiency	100.00%
Source Flux	125 lm	Maximum value	2698.80 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical

Luminous Intensity Table cd/klm Table 1/1

C 0.00		C 0.00	
G 0.0	2698.80	G 46.0	3.51
G 1.0	2698.12	G 47.0	3.18
G 2.0	2698.17	G 48.0	2.90
G 3.0	2696.94	G 49.0	2.66
G 4.0	2682.79	G 50.0	2.44
G 5.0	2647.94	G 51.0	2.24
G 6.0	2593.58	G 52.0	2.07
G 7.0	2510.43	G 53.0	1.91
G 8.0	2403.10	G 54.0	1.77
G 9.0	2279.30	G 55.0	1.64
G 10.0	2150.23	G 56.0	1.53
G 11.0	2023.10	G 57.0	1.42
G 12.0	1898.47	G 58.0	1.32
G 13.0	1781.44	G 59.0	1.23
G 14.0	1668.21	G 60.0	1.15
G 15.0	1551.67	G 61.0	1.08
G 16.0	1428.27	G 62.0	1.01
G 17.0	1306.67	G 63.0	0.95
G 18.0	1192.41	G 64.0	0.89
G 19.0	1084.52	G 65.0	0.83
G 20.0	992.38	G 66.0	0.78
G 21.0	918.91	G 67.0	0.74
G 22.0	862.62	G 68.0	0.69
G 23.0	814.20	G 69.0	0.65
G 24.0	767.62	G 70.0	0.61
G 25.0	710.19	G 71.0	0.58
G 26.0	630.30	G 72.0	0.54
G 27.0	533.93	G 73.0	0.51
G 28.0	433.79	G 74.0	0.49
G 29.0	344.20	G 75.0	0.46
G 30.0	249.43	G 76.0	0.44
G 31.0	167.77	G 77.0	0.42
G 32.0	106.67	G 78.0	0.41
G 33.0	72.69	G 79.0	0.39
G 34.0	52.22	G 80.0	0.37
G 35.0	40.07	G 81.0	0.34
G 36.0	30.55	G 82.0	0.33
G 37.0	22.97	G 83.0	0.30
G 38.0	17.28	G 84.0	0.27
G 39.0	12.24	G 85.0	0.21
G 40.0	8.67	G 86.0	0.16
G 41.0	6.70	G 87.0	0.11
G 42.0	5.62	G 88.0	0.07
G 43.0	4.90	G 89.0	0.04
G 44.0	4.34	G 90.0	0.02
G 45.0	3.87		

Luminaire							
Code	00-A337-05-05_1						
Name	PUNTO						
Measurem.							
Code	00-A337-05-05_1						
Name	PUNTO						
Luminaire Flux	125 lm	Luminaire Power	4.0 W	Efficacy	31.285 lm/W	Efficiency	100.00%
Source Flux	125 lm	Maximum value	2698.80 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical



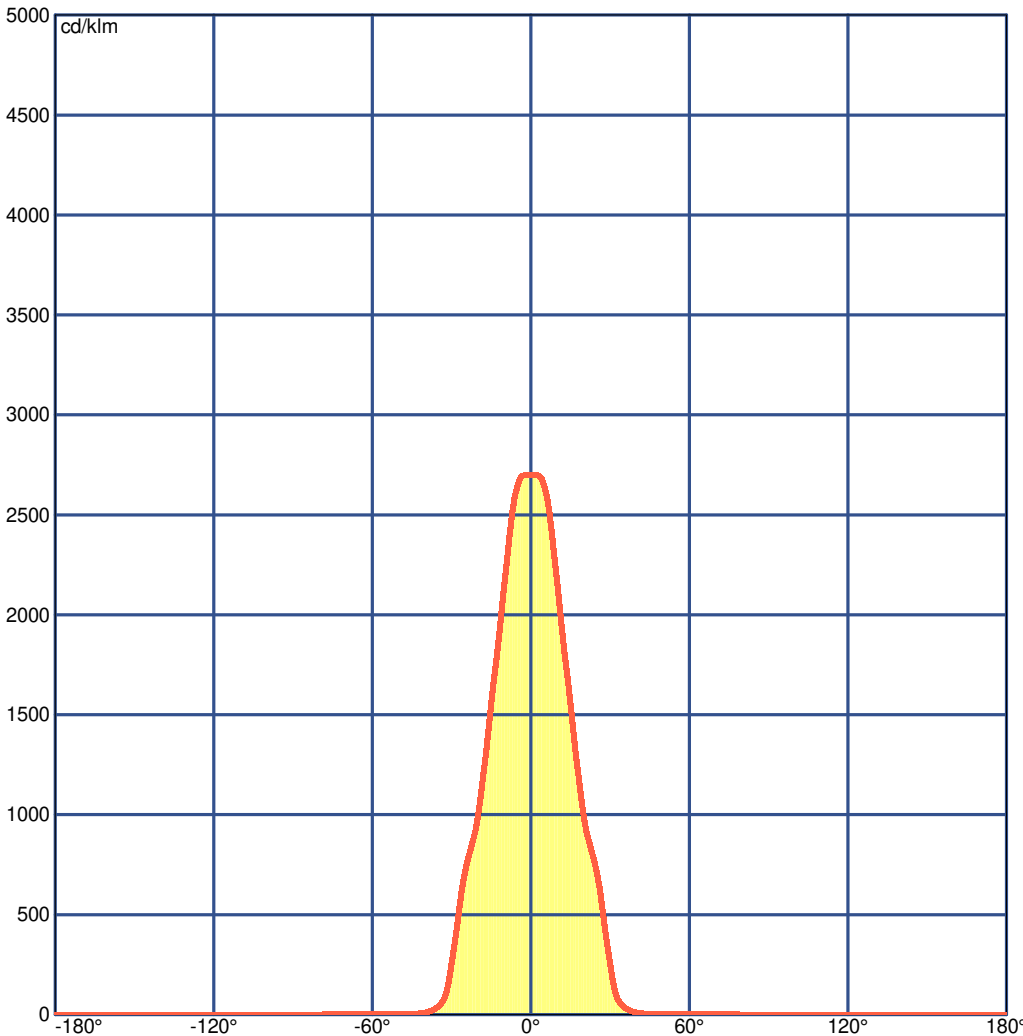
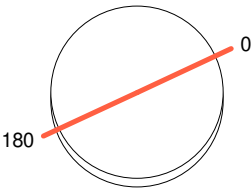
Luminaire
Code 00-A337-05-05_1
Name PUNTO
Measurem.
Code 00-A337-05-05_1
Name PUNTO

Luminaire Flux	125 lm	Luminaire Power	4.0 W	Efficacy	31.285 lm/W	Efficiency	100.00%
Source Flux	125 lm	Maximum value	2698.80 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical

Diam=50mm

C Halfplanes

180.0 0.0



Luminaire

Code 00-A337-05-05_1
Name PUNTO

Measurem.

Code 00-A337-05-05_1
Name PUNTO

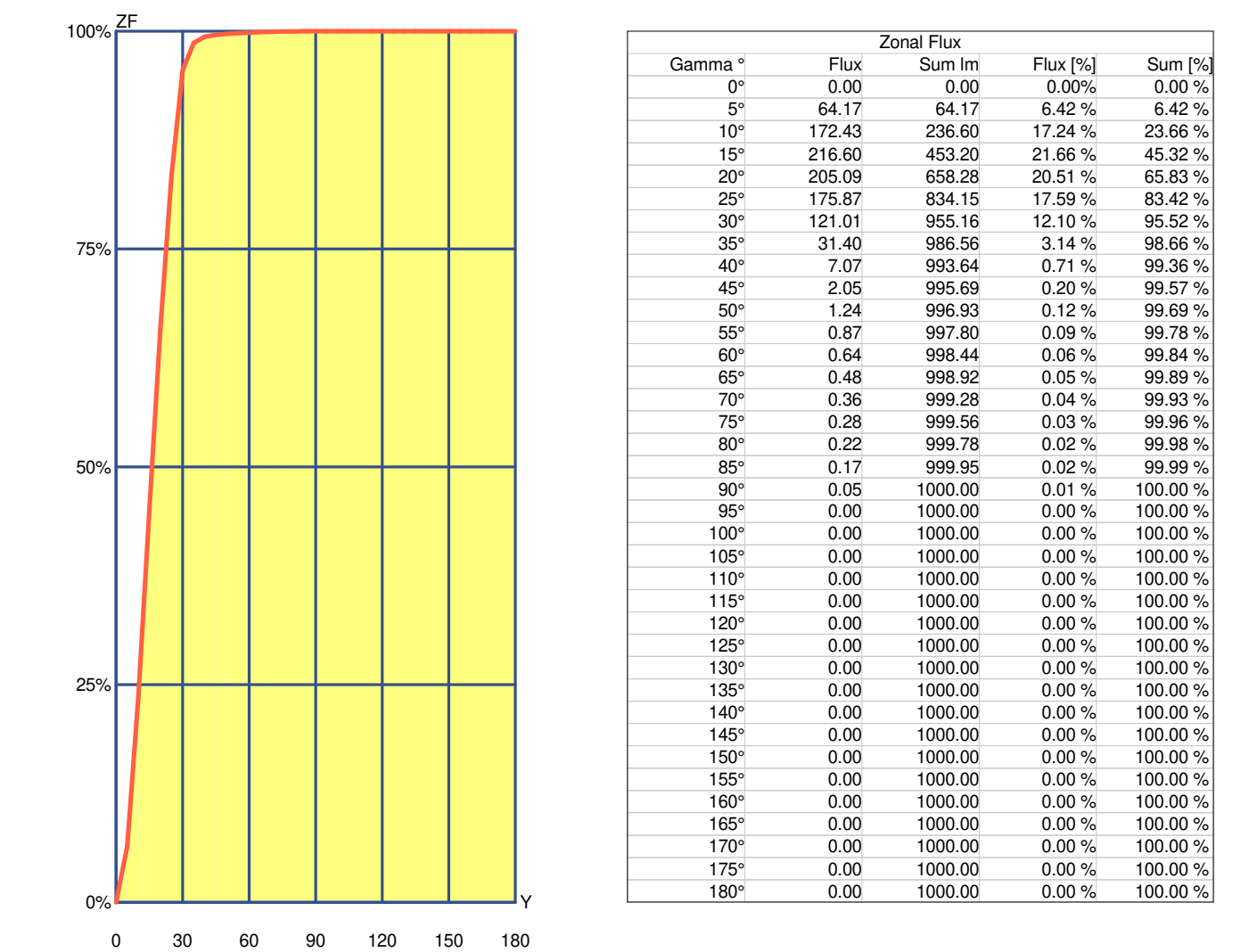
Luminaire Flux	125 lm	Luminaire Power	4.0 W	Efficacy	31.285 lm/W	Efficiency	100.00%
Source Flux	125 lm	Maximum value	2698.80 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical

UGR
S = 0.250

Reflectancies										
Ceiling/Cavity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Working Plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room Dimensions										
	Lateral View					Viewed Endwise				
x=2H y=2H	8.9	9.5	9.1	9.7	9.9	8.9	9.5	9.1	9.7	9.9
x=2H y=3H	8.8	9.4	9.1	9.6	9.9	8.8	9.4	9.1	9.6	9.9
x=2H y=4H	8.8	9.3	9.1	9.6	9.8	8.8	9.3	9.1	9.6	9.8
x=2H y=6H	8.7	9.2	9.1	9.5	9.8	8.7	9.2	9.1	9.5	9.8
x=2H y=8H	8.7	9.2	9.1	9.5	9.8	8.7	9.2	9.1	9.5	9.8
x=2H y=12H	8.7	9.2	9.0	9.4	9.8	8.7	9.2	9.0	9.4	9.8
x=4H y=2H	8.7	9.3	9.0	9.5	9.8	8.7	9.3	9.0	9.5	9.8
x=4H y=3H	8.6	9.1	9.0	9.4	9.7	8.6	9.1	9.0	9.4	9.7
x=4H y=4H	8.6	9.0	9.0	9.3	9.7	8.6	9.0	9.0	9.3	9.7
x=4H y=6H	8.6	8.9	9.0	9.3	9.7	8.6	8.9	9.0	9.3	9.7
x=4H y=8H	8.6	8.9	9.0	9.3	9.7	8.6	8.9	9.0	9.3	9.7
x=4H y=12H	8.6	8.9	9.1	9.3	9.7	8.6	8.9	9.1	9.3	9.7
x=8H y=4H	8.5	8.8	8.9	9.2	9.6	8.5	8.8	8.9	9.2	9.6
x=8H y=6H	8.5	8.7	9.0	9.2	9.6	8.5	8.7	9.0	9.2	9.6
x=8H y=8H	8.6	8.7	9.0	9.2	9.6	8.6	8.7	9.0	9.2	9.6
x=8H y=12H	8.6	8.7	9.1	9.2	9.7	8.6	8.7	9.1	9.2	9.7
x=12H y=4H	8.5	8.7	8.9	9.1	9.6	8.5	8.7	8.9	9.1	9.6
x=12H y=6H	8.5	8.7	9.0	9.1	9.6	8.5	8.7	9.0	9.1	9.6
x=12H y=8H	8.5	8.7	9.0	9.1	9.6	8.5	8.7	9.0	9.1	9.6

Luminaire							
Code	00-A337-05-05_1						
Name	PUNTO						
Measurem.							
Code	00-A337-05-05_1						
Name	PUNTO						
Luminaire Flux	125 lm	Luminaire Power	4.0 W	Efficacy	31.285 lm/W	Efficiency	100.00%
Source Flux	125 lm	Maximum value	2698.80 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical

Total Flux=125.14 Luminaire Flux=125.14																		
RI	0.60	0.80	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	10.00	20.00						
DRR	0.74	0.78	0.83	0.86	0.88	0.93	0.96	0.98	0.99	1.00	1.02	1.02						
RC	-	-	-	-	-	-	-	-	-	-	-	-						
Zonal Flux per 1000 Lumen																		
Y°	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
ZF(Y)	237	658	955	994	997	998	999	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
CIE Flux Codes																		
100 100 100 100 100																		
C.I.E.	-/-/-/-/-/-/-/-/-/-/-/-												LOR	100.00000 %				
D DIN 5040	A60												ULOR	0.00000 %				
F UTE	--												DLOR	100.00000 %				
B NBN	BZ 1												UFF	0.00000 %				
RN	0.00000 %												DFF	100.00000 %				
BLF	1.0												FFR	0.00000 %				



Luminaire

Code 00-A337-05-05_1
Name PUNTO

Measurem.

Code 00-A337-05-05_1
Name PUNTO

Luminaire Flux	125 lm	Luminaire Power	4.0 W	Efficacy	31.285 lm/W	Efficiency	100.00%
Source Flux	125 lm	Maximum value	2698.80 cd/klm	Position	C=0.00 G=0.00	CG Rotosymmetrical	

Utilizations CIE

Mounting	Direct				Image Manager				Normalised				Suspension Ratid/3						Standard CIE Settings					
Ceiling																								
K	8873	8773	8871	8771	7773	7771	7753	7553	7751	7551	7731	7331	7711	7111	5551	5531	5331	5511	5111	3331	3311	1111	0000	
0.60	160	143	88	80	136	76	93	79	49	42	31	23	18	12	39	25	22	14	12	21	12	11	0	
0.80	193	177	97	89	168	85	123	107	59	52	40	32	25	19	48	33	30	21	18	28	18	16	0	
1.00	216	201	98	92	191	88	147	131	64	58	46	38	32	25	54	39	36	28	24	34	25	22	0	
1.25	240	226	100	95	215	91	172	156	70	64	53	45	40	32	60	46	43	35	31	41	31	28	0	
1.50	257	245	101	96	233	93	193	177	74	69	59	51	46	38	65	52	49	41	37	46	37	34	0	
2.00	281	270	98	95	258	92	224	209	78	74	66	60	57	49	70	60	57	51	47	55	47	44	0	
2.50	297	287	96	94	274	91	246	233	81	77	72	66	64	57	73	66	63	59	55	60	55	51	0	
3.00	308	300	94	92	286	90	263	250	82	79	76	70	70	63	75	70	68	65	61	65	61	57	0	
4.00	325	318	95	93	305	91	286	276	86	83	82	77	78	72	80	76	74	73	69	72	69	65	0	
5.00	336	331	95	94	317	92	302	293	89	86	86	82	83	78	83	81	79	79	75	77	75	71	0	
10.00	360	357	96	96	343	94	337	332	94	93	95	92	95	92	90	91	90	91	89	87	88	85	0	
20.00	374	373	98	97	358	96	357	354	98	97	100	99	102	100	95	97	96	99	98	94	96	93	0	

Wall

K	8873	8773	8871	8771	7773	7771	7753	7553	7751	7551	7731	7331	7711	7111	5551	5531	5331	5511	5111	3331	3311	1111	0000
0.60	274	265	184	180	261	177	205	199	143	140	120	117	103	101	138	118	116	102	101	116	101	101	78
0.80	306	297	196	192	290	189	236	228	158	154	135	131	118	116	151	132	130	116	115	129	115	114	87
1.00	320	311	193	189	301	185	251	242	158	155	138	134	123	119	151	134	132	120	118	131	118	116	86
1.25	336	327	192	189	315	185	269	259	161	158	143	139	129	125	154	138	136	125	123	134	122	120	87
1.50	347	338	190	187	324	183	282	271	162	159	146	141	133	128	154	140	138	128	126	135	125	122	86
2.00	347	338	170	167	322	163	287	276	148	145	136	131	125	120	139	128	127	119	117	123	115	111	72
2.50	339	331	148	146	313	141	283	274	130	128	121	117	113	108	121	113	112	106	104	107	101	96	55
3.00	326	319	125	124	299	119	274	265	111	108	104	100	98	93	101	95	94	90	88	88	84	79	35
4.00	316	310	103	101	288	96	269	261	91	89	87	83	82	78	81	78	76	74	72	70	67	60	14
5.00	304	299	82	81	275	76	260	253	73	71	70	67	67	63	63	60	59	58	56	52	50	43	0
10.00	228	225	0	0	198	0	192	187	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20.00	89	87	0	0	58	0	57	54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Working Pl.

K	8873	8773	8871	8771	7773	7771	7753	7553	7751	7551	7731	7331	7711	7111	5551	5531	5331	5511	5111	3331	3311	1111	0000
0.60	915	906	854	849	900	846	833	827	802	799	772	769	751	749	797	769	768	749	748	767	748	748	740
0.80	976	965	899	894	956	890	889	880	848	844	818	814	796	793	840	814	812	794	792	811	792	790	782
1.00	1000	1000	939	934	1000	929	944	933	892	888	865	860	844	840	883	859	857	840	838	855	837	835	827
1.25	1000	1000	969	964	1000	958	988	976	926	921	901	895	881	875	915	893	891	876	873	887	872	868	861
1.50	1000	1000	989	985	1000	978	1000	1000	950	945	927	921	909	902	937	918	916	902	899	911	897	892	885
2.00	1000	1000	1000	1000	1000	1000	1000	1000	990	986	973	966	958	951	976	961	959	949	945	952	941	935	928
2.50	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	996	991	983	1000	990	987	980	976	979	971	963	956
3.00	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	999	998	992	983	977
4.00	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	999	993
5.00	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
10.00	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
20.00	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000

LM53 SHR C0-C180: 0.545 SHR C90-C270: 0.545 SHR Square: 0.585

Luminaire

Code 00-A337-05-05_1
Name PUNTO

Measurem.

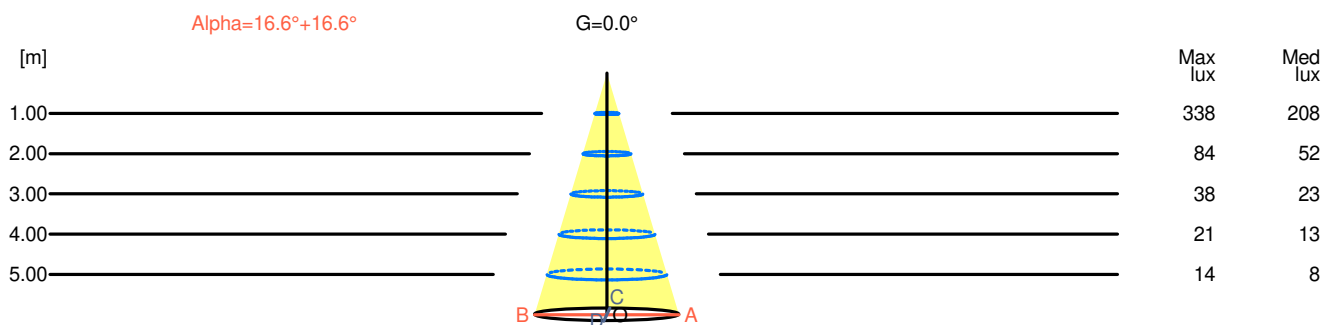
Code 00-A337-05-05_1
Name PUNTO

Luminaire Flux	125 lm	Luminaire Power	4.0 W	Efficacy	31.285 lm/W	Efficiency	100.00%
Source Flux	125 lm	Maximum value	2698.80 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical

Width at 50.00 % of Max Intensity

H[m]	1.00	2.00	3.00	4.00	5.00	H[m]	1.00	2.00	3.00	4.00	5.00
OA	0.30	0.60	0.90	1.20	1.50	OC	0.30	0.60	0.90	1.20	1.50
OB	0.30	0.60	0.90	1.20	1.50	OD	0.30	0.60	0.90	1.20	1.50

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	337.73	331.36	194.18	88.87	5.01	0.48	0.21	0.10	0.06	0.03
OB	337.73	331.36	194.18	88.87	5.01	0.48	0.21	0.10	0.06	0.03
OC	337.73	331.36	194.18	88.87	5.01	0.48	0.21	0.10	0.06	0.03
OD	337.73	331.36	194.18	88.87	5.01	0.48	0.21	0.10	0.06	0.03



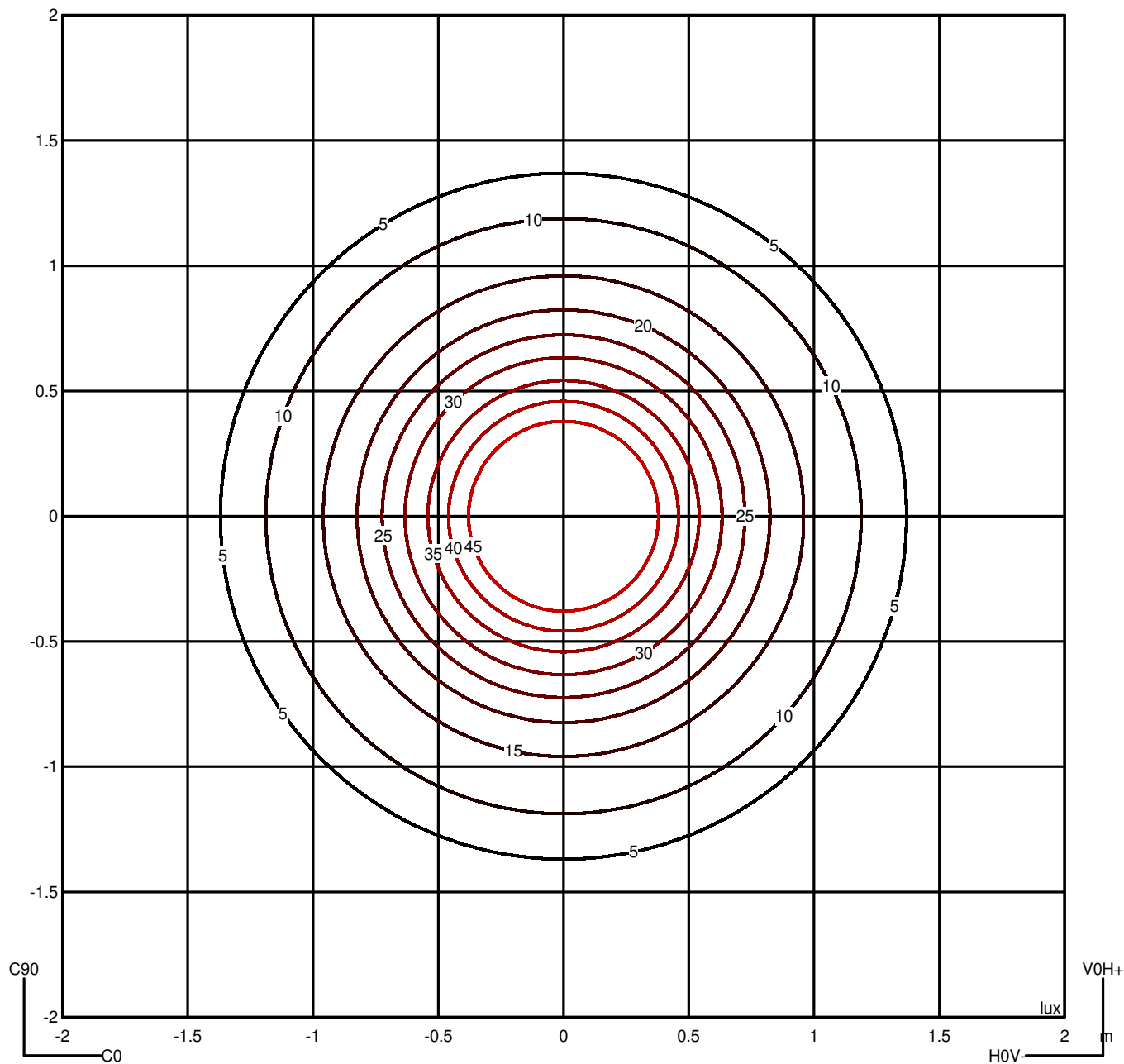
H[m]	D[m]	Max lux	Med lux	Alpha=16.6°+16.6°	G=0.0	
1.00	0.60	338	208			
2.00	1.20	84	52			
3.00	1.79	38	23			
4.00	2.39	21	13			
5.00	2.99	14	8			

Luminaire
Code 00-A337-05-05_1
Name PUNTO
Measurem.
Code 00-A337-05-05_1
Name PUNTO

Luminaire Flux	125 lm	Luminaire Power	4.0 W	Efficacy	31.285 lm/W	Efficiency	100.00%
Source Flux	125 lm	Maximum value	2698.80 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical

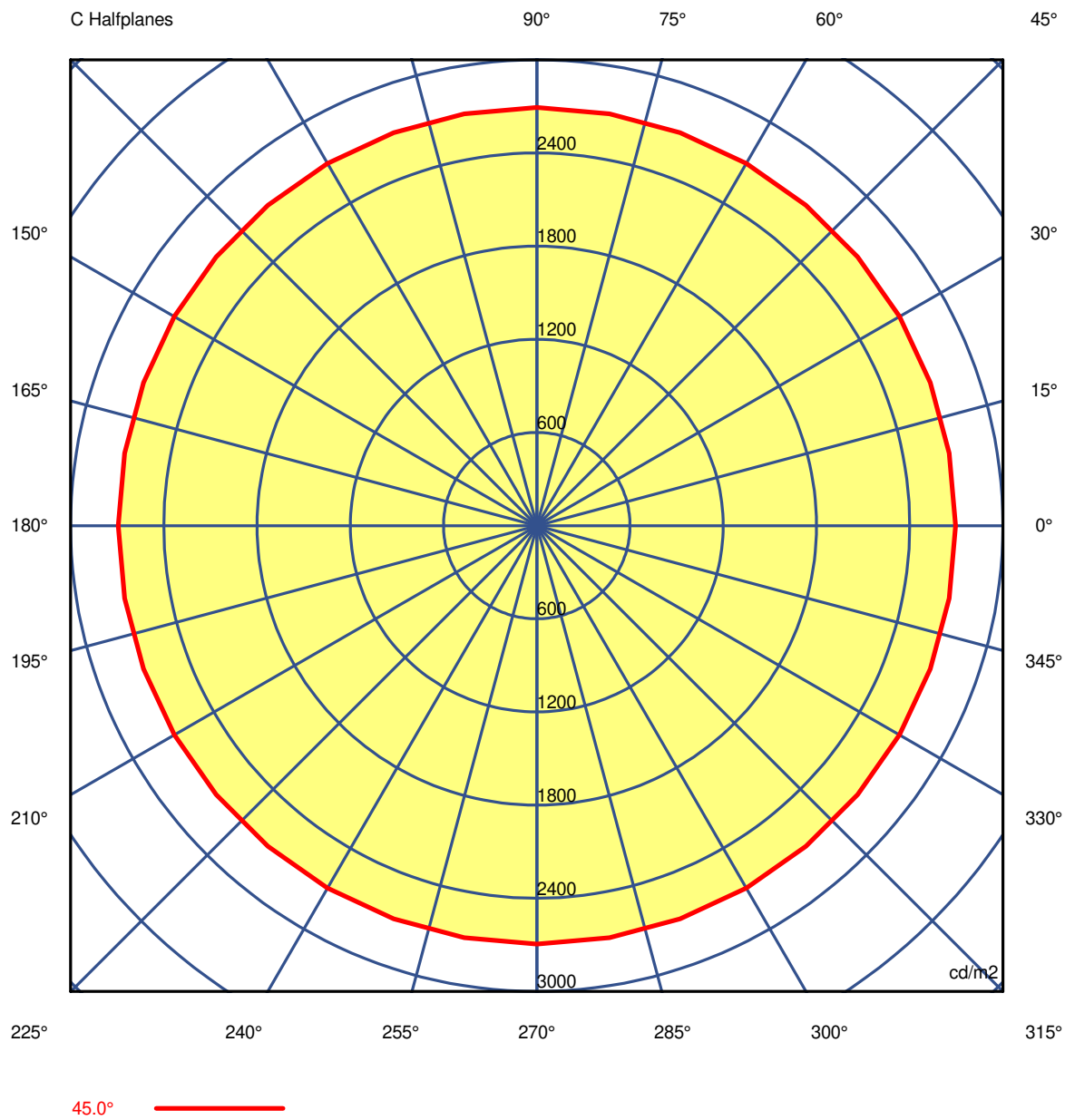
Isolux (Floor)

Luminaire position X=0.00m Y=0.00m Z=2.50m



Luminaire							
Code	00-A337-05-05_1						
Name	PUNTO						
Measurem.							
Code	00-A337-05-05_1						
Name	PUNTO						
Luminaire Flux	125 lm	Luminaire Power	4.0 W	Efficacy	31.285 lm/W	Efficiency	100.00%
Source Flux	125 lm	Maximum value	2698.80 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical

Luminance



Luminaire

Code 00-A337-05-05_1
Name PUNTO

Measurem.

Code 00-A337-05-05_1
Name PUNTO

Luminaire Flux		125 lm		Luminaire Power		4.0 W		Efficacy		31.285 lm/W		Efficiency		100.00%	
Source Flux		125 lm		Maximum value		2698.80 cd/klm		Position		C=0.00 G=0.00		CG		Rotosymmetrical	
Luminance cd/m2														Table 1/3	
	C 0.00	C 10.00	C 20.00	C 30.00	C 40.00	C 50.00	C 60.00	C 70.00	C 80.00	C 90.00	C 100.00	C 110.00	C 120.00		
G 0.0	1327184	1327184	1327184	1327184	1327184	1327184	1327184	1327184	1327184	1327184	1327184	1327184	1327184	1327184	1327184
G 5.0	1307148	1307148	1307148	1307148	1307148	1307148	1307148	1307148	1307148	1307148	1307148	1307148	1307148	1307148	1307148
G 10.0	1073731	1073731	1073731	1073731	1073731	1073731	1073731	1073731	1073731	1073731	1073731	1073731	1073731	1073731	1073731
G 15.0	789979	789979	789979	789979	789979	789979	789979	789979	789979	789979	789979	789979	789979	789979	789979
G 20.0	519343	519343	519343	519343	519343	519343	519343	519343	519343	519343	519343	519343	519343	519343	519343
G 25.0	385355	385355	385355	385355	385355	385355	385355	385355	385355	385355	385355	385355	385355	385355	385355
G 30.0	141640	141640	141640	141640	141640	141640	141640	141640	141640	141640	141640	141640	141640	141640	141640
G 35.0	24056	24056	24056	24056	24056	24056	24056	24056	24056	24056	24056	24056	24056	24056	24056
G 40.0	5567	5567	5567	5567	5567	5567	5567	5567	5567	5567	5567	5567	5567	5567	5567
G 45.0	2694	2694	2694	2694	2694	2694	2694	2694	2694	2694	2694	2694	2694	2694	2694
G 50.0	1866	1866	1866	1866	1866	1866	1866	1866	1866	1866	1866	1866	1866	1866	1866
G 55.0	1408	1408	1408	1408	1408	1408	1408	1408	1408	1408	1408	1408	1408	1408	1408
G 60.0	1136	1136	1136	1136	1136	1136	1136	1136	1136	1136	1136	1136	1136	1136	1136
G 65.0	971	971	971	971	971	971	971	971	971	971	971	971	971	971	971
G 70.0	881	881	881	881	881	881	881	881	881	881	881	881	881	881	881
G 75.0	880	880	880	880	880	880	880	880	880	880	880	880	880	880	880
G 80.0	1039	1039	1039	1039	1039	1039	1039	1039	1039	1039	1039	1039	1039	1039	1039
G 85.0	1172	1172	1172	1172	1172	1172	1172	1172	1172	1172	1172	1172	1172	1172	1172
G 90.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Luminaire															
Code	00-A337-05-05_1														
Name	PUNTO														
Measur.															
Code	00-A337-05-05_1														
Name	PUNTO														
Luminaire Flux		125 lm		Luminaire Power		4.0 W		Efficacy		31.285 lm/W		Efficiency		100.00%	
Source Flux		125 lm		Maximum value		2698.80 cd/klm		Position		C=0.00 G=0.00		CG		Rotosymmetrical	
Luminance cd/m2 Table 2/3															
	C 130.00	C 140.00	C 150.00	C 160.00	C 170.00	C 180.00	C 190.00	C 200.00	C 210.00	C 220.00	C 230.00	C 240.00	C 250.00		
G 0.0	1327184	1327184	1327184	1327184	1327184	1327184	1327184	1327184	1327184	1327184	1327184	1327184	1327184	1327184	1327184
G 5.0	1307148	1307148	1307148	1307148	1307148	1307148	1307148	1307148	1307148	1307148	1307148	1307148	1307148	1307148	1307148
G 10.0	1073731	1073731	1073731	1073731	1073731	1073731	1073731	1073731	1073731	1073731	1073731	1073731	1073731	1073731	1073731
G 15.0	789979	789979	789979	789979	789979	789979	789979	789979	789979	789979	789979	789979	789979	789979	789979
G 20.0	519343	519343	519343	519343	519343	519343	519343	519343	519343	519343	519343	519343	519343	519343	519343
G 25.0	385355	385355	385355	385355	385355	385355	385355	385355	385355	385355	385355	385355	385355	385355	385355
G 30.0	141640	141640	141640	141640	141640	141640	141640	141640	141640	141640	141640	141640	141640	141640	141640
G 35.0	24056	24056	24056	24056	24056	24056	24056	24056	24056	24056	24056	24056	24056	24056	24056
G 40.0	5567	5567	5567	5567	5567	5567	5567	5567	5567	5567	5567	5567	5567	5567	5567
G 45.0	2694	2694	2694	2694	2694	2694	2694	2694	2694	2694	2694	2694	2694	2694	2694
G 50.0	1866	1866	1866	1866	1866	1866	1866	1866	1866	1866	1866	1866	1866	1866	1866
G 55.0	1408	1408	1408	1408	1408	1408	1408	1408	1408	1408	1408	1408	1408	1408	1408
G 60.0	1136	1136	1136	1136	1136	1136	1136	1136	1136	1136	1136	1136	1136	1136	1136
G 65.0	971	971	971	971	971	971	971	971	971	971	971	971	971	971	971
G 70.0	881	881	881	881	881	881	881	881	881	881	881	881	881	881	881
G 75.0	880	880	880	880	880	880	880	880	880	880	880	880	880	880	880
G 80.0	1039	1039	1039	1039	1039	1039	1039	1039	1039	1039	1039	1039	1039	1039	1039
G 85.0	1172	1172	1172	1172	1172	1172	1172	1172	1172	1172	1172	1172	1172	1172	1172
G 90.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Luminaire

Code 00-A337-05-05_1
Name PUNTO

Measurem.

Code 00-A337-05-05_1
Name PUNTO

Luminaire Flux	125 lm	Luminaire Power	4.0 W	Efficacy	31.285 lm/W	Efficiency	100.00%
Source Flux	125 lm	Maximum value	2698.80 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical

Luminance cd/m2 Table 3/3

	C 260.00	C 270.00	C 280.00	C 290.00	C 300.00	C 310.00	C 320.00	C 330.00	C 340.00	C 350.00
G 0.0	1327184	1327184	1327184	1327184	1327184	1327184	1327184	1327184	1327184	1327184
G 5.0	1307148	1307148	1307148	1307148	1307148	1307148	1307148	1307148	1307148	1307148
G 10.0	1073731	1073731	1073731	1073731	1073731	1073731	1073731	1073731	1073731	1073731
G 15.0	789979	789979	789979	789979	789979	789979	789979	789979	789979	789979
G 20.0	519343	519343	519343	519343	519343	519343	519343	519343	519343	519343
G 25.0	385355	385355	385355	385355	385355	385355	385355	385355	385355	385355
G 30.0	141640	141640	141640	141640	141640	141640	141640	141640	141640	141640
G 35.0	24056	24056	24056	24056	24056	24056	24056	24056	24056	24056
G 40.0	5567	5567	5567	5567	5567	5567	5567	5567	5567	5567
G 45.0	2694	2694	2694	2694	2694	2694	2694	2694	2694	2694
G 50.0	1866	1866	1866	1866	1866	1866	1866	1866	1866	1866
G 55.0	1408	1408	1408	1408	1408	1408	1408	1408	1408	1408
G 60.0	1136	1136	1136	1136	1136	1136	1136	1136	1136	1136
G 65.0	971	971	971	971	971	971	971	971	971	971
G 70.0	881	881	881	881	881	881	881	881	881	881
G 75.0	880	880	880	880	880	880	880	880	880	880
G 80.0	1039	1039	1039	1039	1039	1039	1039	1039	1039	1039
G 85.0	1172	1172	1172	1172	1172	1172	1172	1172	1172	1172
G 90.0	0	0	0	0	0	0	0	0	0	0

Luminaire

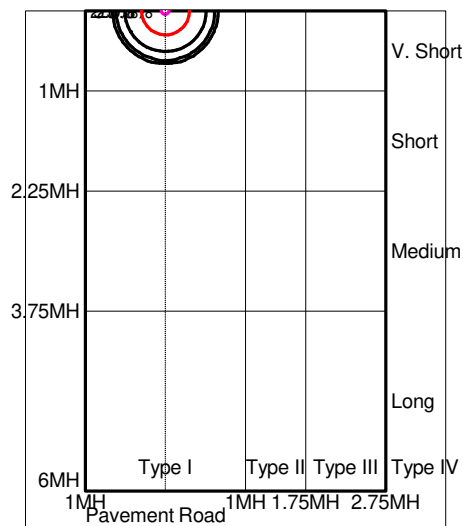
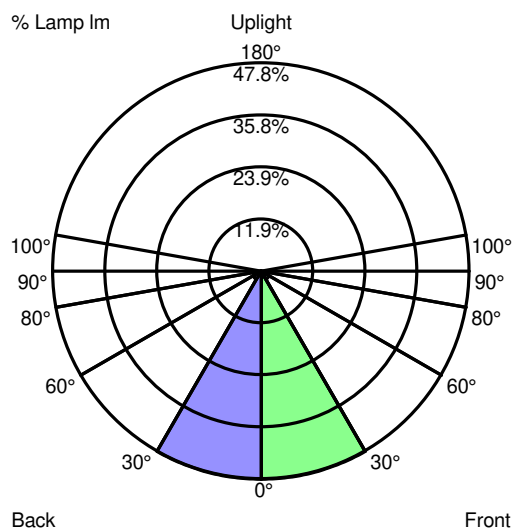
Code 00-A337-05-05_1
Name PUNTO

Measurem.

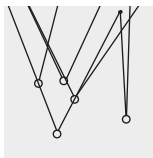
Code 00-A337-05-05_1
Name PUNTO

Luminaire Flux	125 lm	Luminaire Power	4.0 W	Efficacy	31.285 lm/W	Efficiency	100.00%
Source Flux	125 lm	Maximum value	2698.80 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical

US ROAD STANDARDS



Luminaire Classification System (LCS)			
LCS Zone		Lumens	%Lamp
FL	0° -- 30°	59.8 lm	47.8 %
FM	30° -- 60°	2.7 lm	2.2 %
FH	60° -- 80°	0.1 lm	0.1 %
FVH	80° -- 90°	0.0 lm	0.0 %
BL	0° -- 30°	59.8 lm	47.8 %
BM	30° -- 60°	2.7 lm	2.2 %
BH	60° -- 80°	0.1 lm	0.1 %
BVH	80° -- 90°	0.0 lm	0.0 %
UL	90° -- 100°	0.0 lm	0.0 %
UH	100° -- 180°	0.0 lm	0.0 %
TOTALS		125.1 lm	100.0 %
BUG B0 U0 G0 Type V Very Short Quadrilateral Symmetry			



PUNTO

PENDANT MULTIPLE SURFACE

LedsC4

