



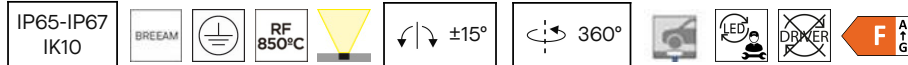
Gea Cob LED Aluminium ø125mm

LedsC4 Team

Encastrés de sol IP65-IP67 Gea Cob LED Aluminium ø125mm LED 10.5W Blanc chaud - 2 700 K ON-OFF Acier inox AISI 316 869lm

Caractéristiques techniques

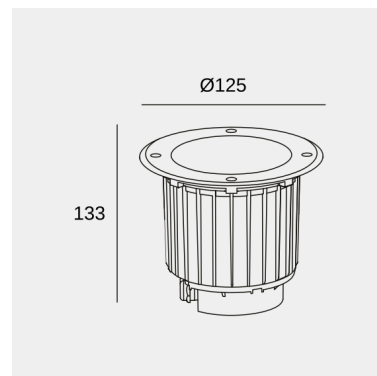
Puissance totale du luminaire: 10.5W
Lumens réels: 869
Lm/W réels: 83
Température de couleur corrélée (CCT): Blanc chaud - 2 700 K
Angle des lentilles/Réflecteur: SPOT 17°
UGR: <=16
Matière de la structure: Acier inoxydable AISI 316, Aluminium
Finition structure: Acier inox AISI 316
Matière du diffuseur: Verre
Finition diffuseur: Transparent
Tension/Fréquence: 100-240V/50-60Hz
Protocole de variation: ON-OFF
Power Factor: 0.90
Durée de vie: 50,000h L80B20
Ta max: 50°C
Garantie: 5 ans
Résistance en milieu marin: Oui
Luminaire facilement recyclable



Caractéristiques luminotechniques

CRI: 80
MacAdam steps: 2
Risque photobiologique: RG1
UGR transversal: 9.4
UGR longitudinal: 9.4

Douille	Quantité	Puissance source lumineuse (W)	Température de couleur corrélée (CCT)
LED	1	9W	Blanc chaud - 2 700 K



Il se peut que l'image ne corresponde pas à la référence. LedsC4 se réserve le droit de modifier l'un des éléments qui composent le produit. Les données relatives au flux, à la puissance et à la température de couleur peuvent être modifiées par le fabricant.



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Logistique



x 8

Poids net (kg): 1

Poids emballé (kg): 1.14

Emballage: 130mm x 130mm x 140mm

Il se peut que l'image ne corresponde pas à la référence. LedsC4 se réserve le droit de modifier l'un des éléments qui composent le produit. Les données relatives au flux, à la puissance et à la température de couleur peuvent être modifiées par le fabricant.



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Accessoires inclus



Anti-éblouissement asymétrique



Boîtier d'encastrement



Accessoires en option



71-9199-05-05

Connecteur IP68 à 6 entrées

Matière de la structure:
Dimensions: NA x NA x NA
Poids net (kg): 0.26



71-E112-00-00

Connecteur IP68 anticondensation à 2 entrées

Il se peut que l'image ne corresponde pas à la référence. LedsC4 se réserve le droit de modifier l'un des éléments qui composent le produit. Les données relatives au flux, à la puissance et à la température de couleur peuvent varier en fonction des spécifications par le fabricant.

Matière de la structure: Technopolymère
Dimensions: 23 x 68 x 44 mm
Poids net (kg): 0.04

Accessoires en option



71-E122-00-00

Connecteur IP68 anticondensation à 4 entrées

Matière de la structure: Technopolymère

Dimensions: 54 x 88 x 28

Poids net (kg): 0.09



71-E512-00-00

Basic Medium Connector IP68 2 inputs 4 poles Ø5.5-11.5mm

Matière de la structure: Nylon

Dimensions: 24 x 71 x NA

Poids net (kg): 0.03



71-E513-00-00

Connector T Basic Medium IP68 3 inputs 3 poles Ø5.5-11.5mm

Matière de la structure: Nylon

Dimensions: 25 x 102 x 65

Poids net (kg): 0.08

Il se peut que l'image ne corresponde pas à la référence. LedsC4 se réserve le droit de modifier l'un des éléments qui composent le produit. Les données relatives au flux, à la puissance et à la température de couleur peuvent être modifiées par le fabricant.

Luminaire

Code 55-9906-CA-CKV3_15°
Name GEA

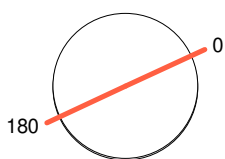
Measurement

Code 55-9906-CA-CKV3_15°
Name GEA

Luminaire Flux	869 lm	Luminaire Power	10.0 W	Efficacy	86.880 lm/W	Efficiency	100.00%
Source Flux	869 lm	Maximum value	6228.66 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical
Round Luminaire		Diam.	125 mm	Height	3 mm		
Round Luminous Area		Diam.	77 mm	Height	0 mm		
Horizontal Luminous Area		0.004657 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°		0.001127 m2	
Coordinate system		CG		Symmetry Type		Rotosymmetrical	
Date		01-02-2019		Maximum Gamma Angle		90	
Measurement Distance		0.00		Measurement Flux		869 lm	
Operator		qualitat		Rated Voltage			
Temperature				Rated Current			
Humidity				Photocell			
Notes							

Luminaire Sources						
Line	Code	Name	Flux [lm]	Pow. [W]	Q.ty	
	LED	55-9906-CA-CKV2	868.80	10.00	1	
C.I.E.	100 100 100 100 100	D DIN 5040	A60			
F UTE	--	B NBN	BZ 1			

Diam=125mm



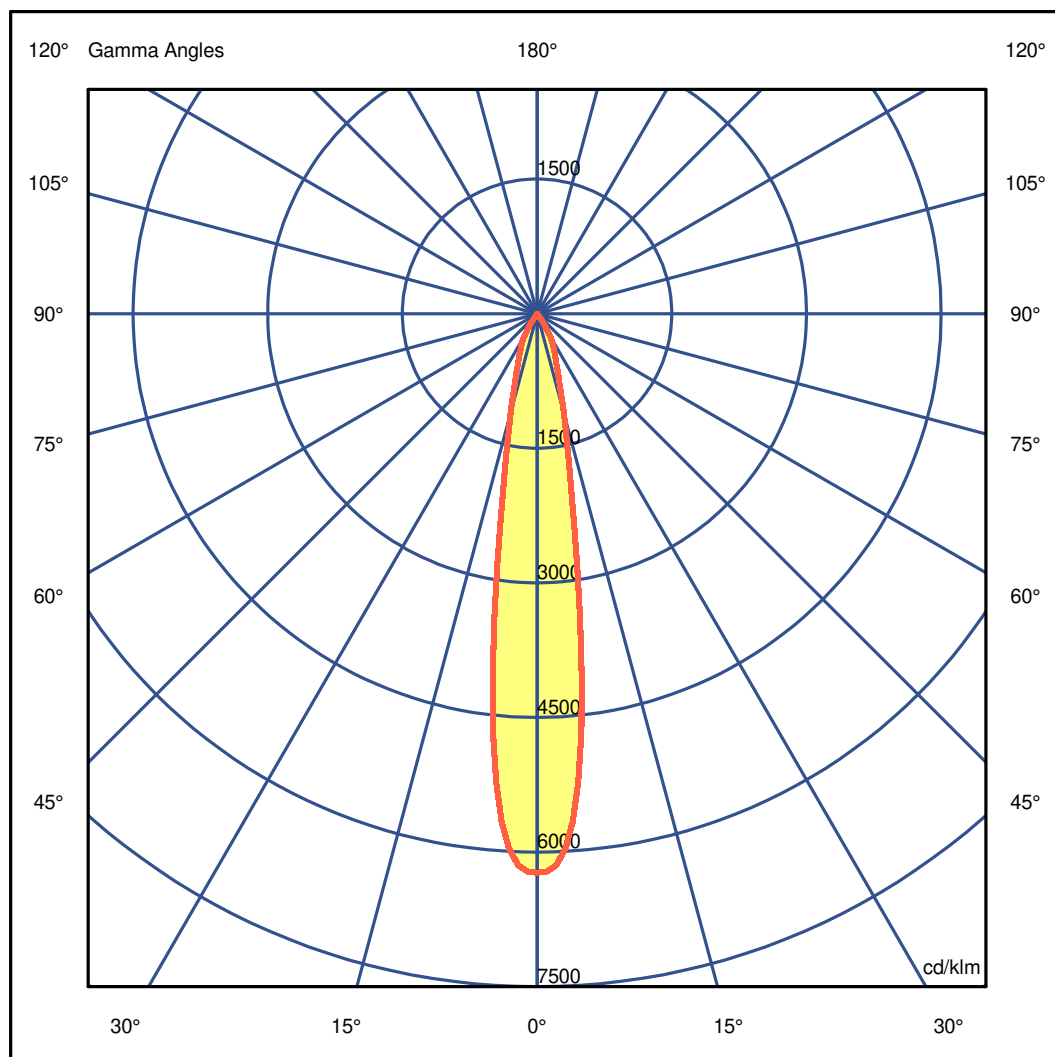
C Halfplanes

180.0 — 0.0

ULOR 0.00 %

DLOR100.00 %

RN 0.00 %



Luminaire

Code 55-9906-CA-CKV3_15°
Name GEA

Measurem.

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Name GEA

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Source Flux	869 lm	Maximum value	6228.66 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	6228.66	G 46.0	3.68
G 1.0	6217.17	G 47.0	3.40
G 2.0	6147.39	G 48.0	3.16
G 3.0	5970.11	G 49.0	2.95
G 4.0	5676.48	G 50.0	2.75
G 5.0	5243.54	G 51.0	2.57
G 6.0	4698.77	G 52.0	2.40
G 7.0	4070.43	G 53.0	2.25
G 8.0	3436.12	G 54.0	2.12
G 9.0	2852.54	G 55.0	2.00
G 10.0	2367.23	G 56.0	1.91
G 11.0	1986.99	G 57.0	1.80
G 12.0	1695.30	G 58.0	1.74
G 13.0	1475.89	G 59.0	1.66
G 14.0	1290.93	G 60.0	1.59
G 15.0	1138.41	G 61.0	0.00
G 16.0	1008.08	G 62.0	0.00
G 17.0	895.56	G 63.0	0.00
G 18.0	800.37	G 64.0	0.00
G 19.0	720.06	G 65.0	0.00
G 20.0	653.95	G 66.0	0.00
G 21.0	598.00	G 67.0	0.00
G 22.0	550.24	G 68.0	0.00
G 23.0	508.45	G 69.0	0.00
G 24.0	472.77	G 70.0	0.00
G 25.0	442.62	G 71.0	0.00
G 26.0	415.78	G 72.0	0.00
G 27.0	388.19	G 73.0	0.00
G 28.0	357.20	G 74.0	0.00
G 29.0	321.11	G 75.0	0.00
G 30.0	280.14	G 76.0	0.00
G 31.0	237.58	G 77.0	0.00
G 32.0	194.89	G 78.0	0.00
G 33.0	154.86	G 79.0	0.00
G 34.0	117.09	G 80.0	0.00
G 35.0	83.60	G 81.0	0.00
G 36.0	55.34	G 82.0	0.00
G 37.0	33.60	G 83.0	0.00
G 38.0	19.08	G 84.0	0.00
G 39.0	11.33	G 85.0	0.00
G 40.0	7.60	G 86.0	0.00
G 41.0	6.09	G 87.0	0.00
G 42.0	5.43	G 88.0	0.00
G 43.0	4.86	G 89.0	0.00
G 44.0	4.36	G 90.0	0.00
G 45.0	3.98		

Luminaire

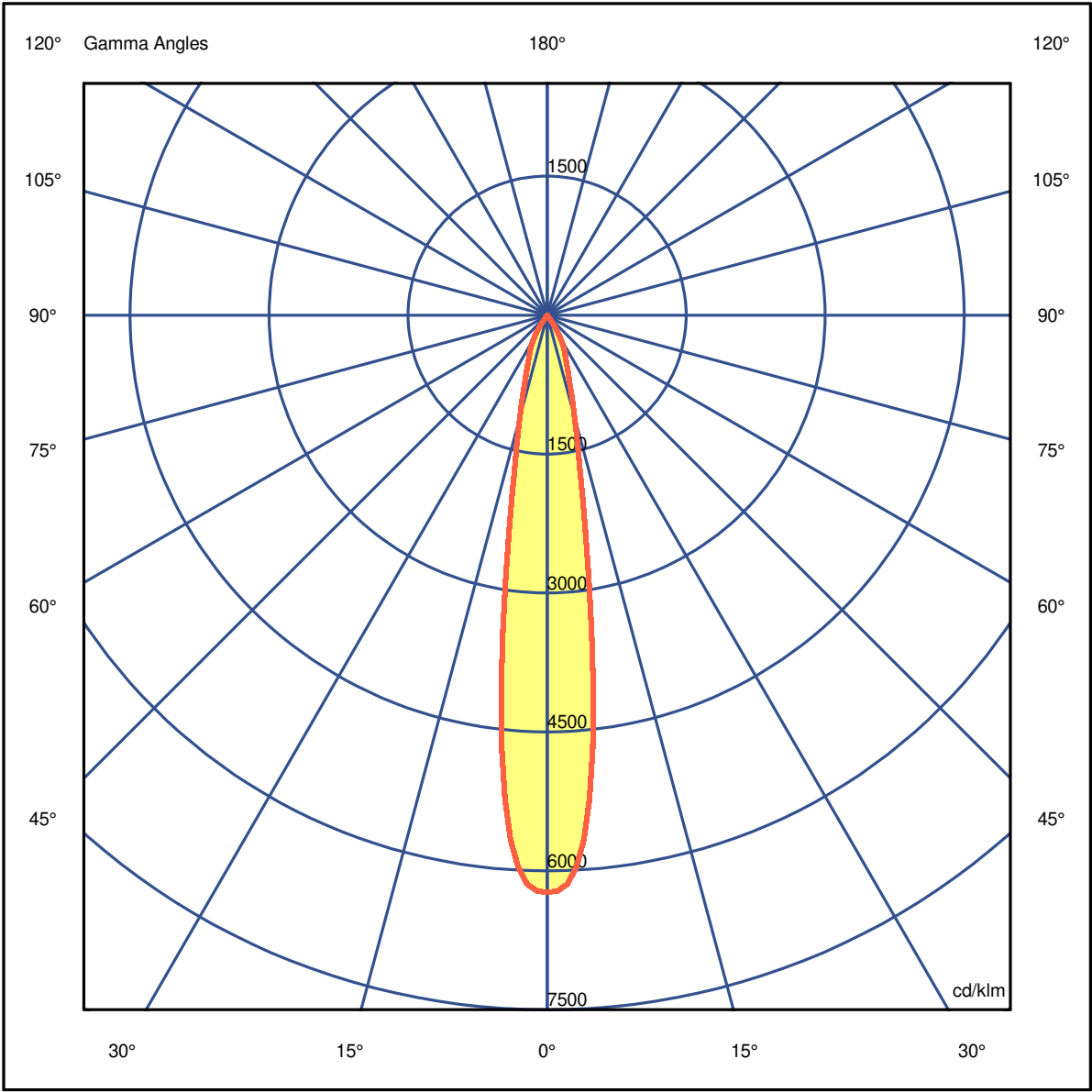
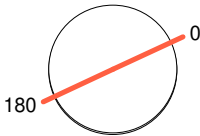
Code 55-9906-CA-CKV3_15°
Name GEA
Measurem.
Code 55-9906-CA-CKV3_15°
Name GEA

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Source Flux	869 lm	Maximum value	6228.66 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical

Diam=125mm

C Halfplanes

180.0 0.0



Luminaire

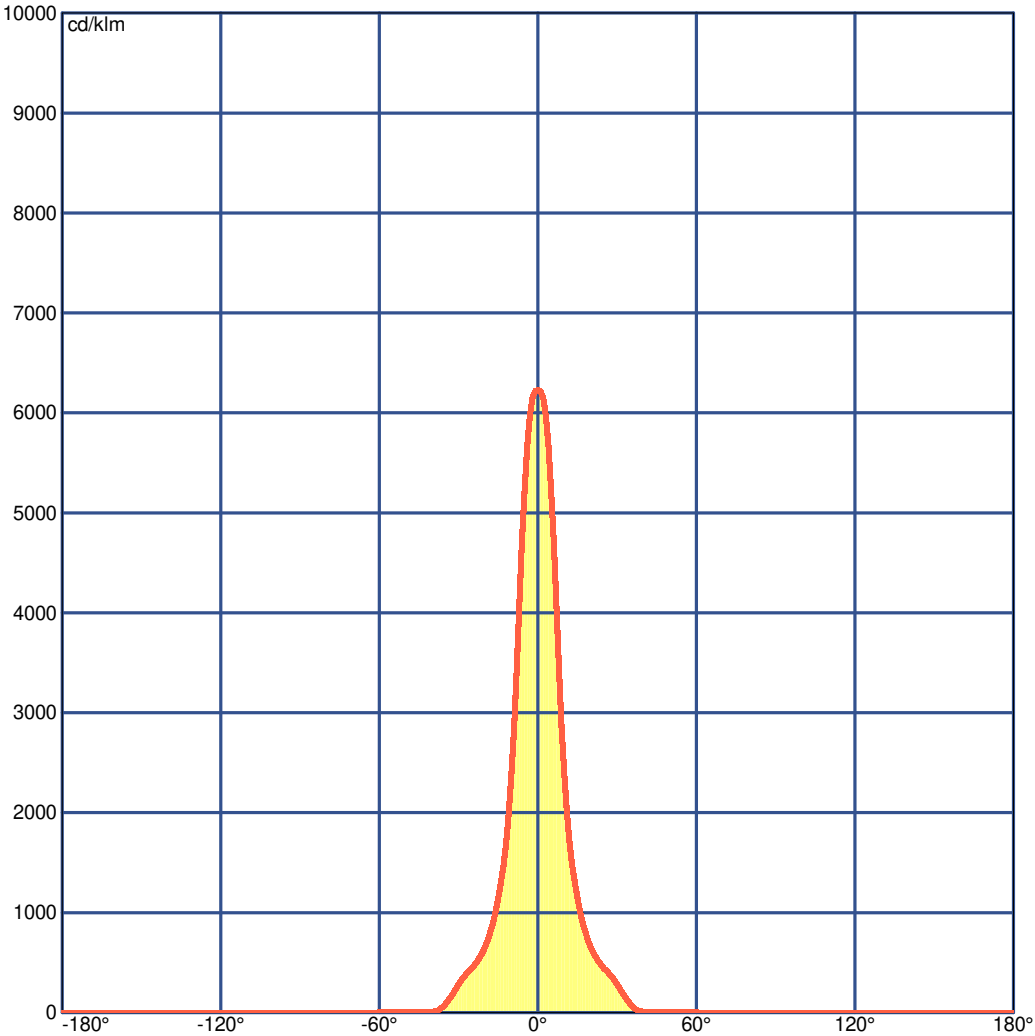
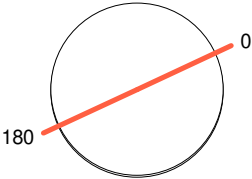
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Source Flux	869 lm	Maximum value	6228.66 cd/klm	Position	C=0.00 G=0.00	CG Rotosymmetrical	

Diam=125mm

C Halfplanes

180.0 0.0



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Measurem.

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Name GEA

Luminaire Flux	869 lm	Luminaire Power	10.0 W	Efficacy	86.880 lm/W	Efficiency	100.00%
Source Flux	869 lm	Maximum value	6228.66 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										
Room Dimensions	Lateral View					Viewed Endwise				
x=2H y=2H	10.1	10.8	10.4	11.0	11.2	10.1	10.8	10.4	11.0	11.2
x=2H y=3H	10.0	10.6	10.3	10.8	11.1	10.0	10.6	10.3	10.8	11.1
x=2H y=4H	9.9	10.5	10.2	10.7	11.0	9.9	10.5	10.2	10.7	11.0
x=2H y=6H	9.9	10.4	10.2	10.6	10.9	9.9	10.4	10.2	10.6	10.9
x=2H y=8H	9.8	10.3	10.2	10.6	10.9	9.8	10.3	10.2	10.6	10.9
x=2H y=12H	9.8	10.3	10.1	10.6	10.9	9.8	10.3	10.1	10.6	10.9
x=4H y=2H	9.9	10.5	10.2	10.7	11.0	9.9	10.5	10.2	10.7	11.0
x=4H y=3H	9.8	10.3	10.1	10.6	10.9	9.8	10.3	10.1	10.6	10.9
x=4H y=4H	9.7	10.1	10.1	10.5	10.8	9.7	10.1	10.1	10.5	10.8
x=4H y=6H	9.7	10.0	10.0	10.3	10.7	9.7	10.0	10.0	10.3	10.7
x=4H y=8H	9.6	9.9	10.0	10.3	10.7	9.6	9.9	10.0	10.3	10.7
x=4H y=12H	9.6	9.8	10.0	10.2	10.6	9.6	9.8	10.0	10.2	10.6
x=8H y=4H	9.6	9.9	10.0	10.3	10.7	9.6	9.9	10.0	10.3	10.7
x=8H y=6H	9.5	9.7	10.0	10.2	10.6	9.5	9.7	10.0	10.2	10.6
x=8H y=8H	9.5	9.7	9.9	10.1	10.6	9.5	9.7	9.9	10.1	10.6
x=8H y=12H	9.4	9.6	9.9	10.0	10.5	9.4	9.6	9.9	10.0	10.5
x=12H y=4H	9.6	9.8	10.0	10.2	10.6	9.6	9.8	10.0	10.2	10.6
x=12H y=6H	9.5	9.7	9.9	10.1	10.6	9.5	9.7	9.9	10.1	10.6
x=12H y=8H	9.4	9.6	9.9	10.0	10.5	9.4	9.6	9.9	10.0	10.5

Luminaire

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Name GEA
Measurement.
Code 55-9906-CA-CKV3_15°
Name GEA

Luminaire Flux	869 lm	Luminaire Power	10.0 W	Efficacy	86.880 lm/W	Efficiency	100.00%
Source Flux	869 lm	Maximum value	6228.66 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical

Total Flux=868.80 Luminaire Flux=868.80

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	0.89	0.93	0.96	0.98	0.99	1.00	1.02	1.02
RC	-	-	-	-	-	-	-	-	-	-	-	-

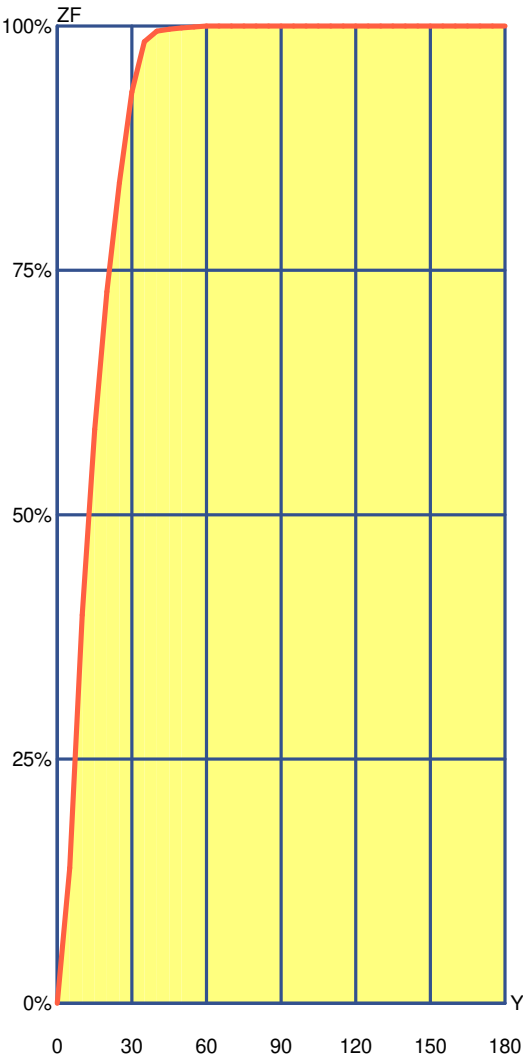
Zonal Flux per 1000 Lumen

Y°	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
ZF(Y)	397	728	932	995	998	1000	1000	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 %



Zonal Flux				
Gamma °	Flux	Sum lm	Flux [%]	Sum [%]
0°	0.00	0.00	0.00%	0.00 %
5°	138.65	138.65	13.86 %	13.86 %
10°	258.61	397.25	25.86 %	39.73 %
15°	190.16	587.41	19.02 %	58.74 %
20°	140.66	728.07	14.07 %	72.81 %
25°	111.60	839.67	11.16 %	83.97 %
30°	92.78	932.45	9.28 %	93.24 %
35°	51.56	984.01	5.16 %	98.40 %
40°	10.78	994.79	1.08 %	99.48 %
45°	1.96	996.75	0.20 %	99.67 %
50°	1.33	998.08	0.13 %	99.81 %
55°	1.02	999.10	0.10 %	99.91 %
60°	0.82	999.92	0.08 %	99.99 %
65°	0.08	1000.00	0.01 %	100.00 %
70°	0.00	1000.00	0.00 %	100.00 %
75°	0.00	1000.00	0.00 %	100.00 %
80°	0.00	1000.00	0.00 %	100.00 %
85°	0.00	1000.00	0.00 %	100.00 %
90°	0.00	1000.00	0.00 %	100.00 %
95°	0.00	1000.00	0.00 %	100.00 %
100°	0.00	1000.00	0.00 %	100.00 %
105°	0.00	1000.00	0.00 %	100.00 %
110°	0.00	1000.00	0.00 %	100.00 %
115°	0.00	1000.00	0.00 %	100.00 %
120°	0.00	1000.00	0.00 %	100.00 %
125°	0.00	1000.00	0.00 %	100.00 %
130°	0.00	1000.00	0.00 %	100.00 %
135°	0.00	1000.00	0.00 %	100.00 %
140°	0.00	1000.00	0.00 %	100.00 %
145°	0.00	1000.00	0.00 %	100.00 %
150°	0.00	1000.00	0.00 %	100.00 %
155°	0.00	1000.00	0.00 %	100.00 %
160°	0.00	1000.00	0.00 %	100.00 %
165°	0.00	1000.00	0.00 %	100.00 %
170°	0.00	1000.00	0.00 %	100.00 %
175°	0.00	1000.00	0.00 %	100.00 %
180°	0.00	1000.00	0.00 %	100.00 %

Luminaire

Code 55-9906-CA-CKV3_15°

Name GEA

Measurem.

Code 55-9906-CA-CKV3_15°

Name GEA

Luminaire Flux	869 lm	Luminaire Power	10.0 W	Efficacy	86.880 lm/W	Efficiency	100.00%
Source Flux	869 lm	Maximum value	6228.66 cd/klm	Position	C=0.00 G=0.00	CG Rotosymmetrical	

Utilizations CIE

Mounting	Direct				Normalization				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	159	143	88	79	136	76	93	79	49	42	31	23	18	12	39	25	22	14	12	21	12	11	0	
0.80	193	177	96	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	57	46	38	33	25	54	39	36	28	24	34	25	22	0	
1.25	239	225	100	94	214	91	172	156	70	64	53	45	40	32	60	46	43	35	31	41	31	28	0	
1.50	257	244	100	96	233	92	193	177	74	68	59	51	46	38	64	52	49	41	37	46	37	34	0	
2.00	281	270	98	95	257	92	224	209	78	73	66	60	57	49	70	60	57	51	47	55	47	44	0	
2.50	297	287	96	93	274	91	246	233	80	77	72	66	64	57	73	66	63	59	55	60	55	51	0	
3.00	308	300	94	92	286	89	263	250	82	79	76	70	70	63	75	70	67	65	61	65	61	57	0	
4.00	325	318	94	93	305	91	286	276	86	83	82	77	78	72	80	76	74	73	70	72	69	65	0	
5.00	336	330	95	94	316	91	302	293	88	86	86	82	83	78	83	81	79	79	75	77	75	71	0	
10.00	360	357	96	95	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	273	264	183	179	260	176	205	198	142	139	119	116	103	101	138	117	116	101	101	115	101	100	77
0.80	305	296	195	191	289	188	235	227	157	153	134	131	118	115	150	131	129	116	114	128	114	113	86
1.00	319	309	191	188	300	184	250	241	157	154	137	133	122	118	150	133	131	119	117	130	117	115	85
1.25	335	325	191	187	314	183	268	258	160	157	142	138	128	124	152	137	135	124	122	133	121	119	86
1.50	346	336	188	185	323	181	280	270	161	157	145	140	131	127	152	139	137	127	124	134	123	121	85
2.00	345	337	168	166	320	161	285	275	146	143	134	130	124	119	137	127	125	118	115	121	113	109	70
2.50	337	329	146	144	311	139	282	272	129	126	119	115	111	106	119	112	110	105	102	105	99	94	53
3.00	324	317	123	121	297	117	273	263	109	106	102	98	96	91	99	94	92	89	86	87	82	77	34
4.00	314	308	100	99	286	94	267	259	89	87	85	81	81	76	79	76	74	72	70	68	65	58	13
5.00	302	297	80	79	273	74	258	251	71	69	68	65	65	61	60	58	57	56	54	50	48	41	0
10.00	226	223	0	0	196	0	189	185	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20.00	86	84	0	0	55	0	54	51	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	917	908	855	851	902	848	835	828	804	800	774	771	753	751	798	771	770	751	750	769	750	750	742
0.80	978	967	900	895	957	891	891	882	850	846	820	816	798	795	842	816	814	795	794	812	794	792	784
1.00	1000	1000	940	935	1000	930	945	934	894	889	867	862	846	841	884	861	859	842	840	856	839	837	829
1.25	1000	1000	970	965	1000	959	990	978	927	922	902	897	883	877	916	895	892	877	874	889	873	870	862
1.50	1000	1000	990	986	1000	979	1000	1000	951	946	929	922	910	904	939	919	917	904	900	912	898	894	886
2.00	1000	1000	1000	1000	1000	1000	1000	1000	991	987	974	967	959	952	977	963	960	950	946	953	943	936	930
2.50	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	997	992	985	1000	991	988	981	977	980	972	964	958
3.00	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	999	993	984	978
4.00	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	994
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: 0.290 SHR C90-C270: 0.290 SHR Square: 0.304

Luminaire

Code 55-9906-CA-CKV3_15°
Name GEA

Measurem.

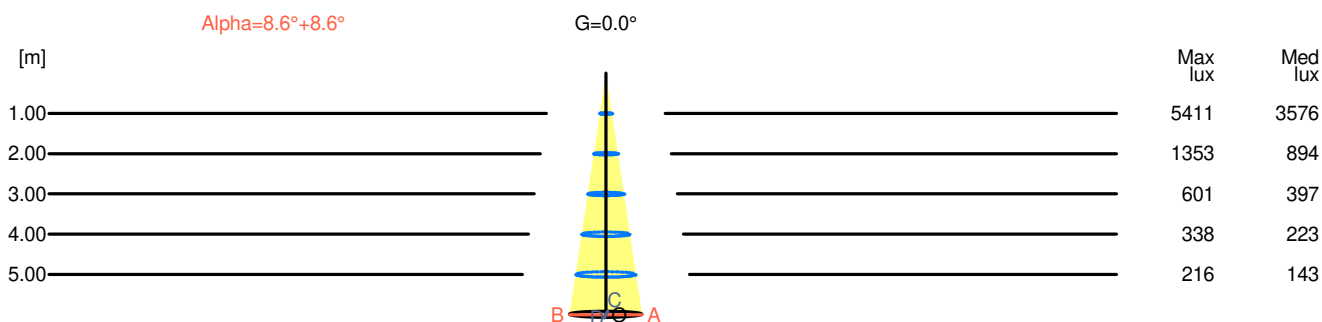
Code 55-9906-CA-CKV3_15°
Name GEA

Luminaire Flux	869 lm	Luminaire Power	10.0 W	Efficacy	86.880 lm/W	Efficiency	100.00%
Source Flux	869 lm	Maximum value	6228.66 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	0.15	0.30	0.45	0.60	0.75	OC	0.15	0.30	0.45	0.60	0.75
OB	0.15	0.30	0.45	0.60	0.75	OD	0.15	0.30	0.45	0.60	0.75

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	5411.46	4555.58	989.05	384.55	72.63	3.46	1.74	0.00	0.00	0.00
OB	5411.46	4555.58	989.05	384.55	72.63	3.46	1.74	0.00	0.00	0.00
OC	5411.46	4555.58	989.05	384.55	72.63	3.46	1.74	0.00	0.00	0.00
OD	5411.46	4555.58	989.05	384.55	72.63	3.46	1.74	0.00	0.00	0.00



H[m]	D[m]	Max lux	Med lux	Alpha=8.6°+8.6°	G=0.0	
1.00	0.30	5411	3576			
2.00	0.60	1353	894			
3.00	0.90	601	397			
4.00	1.20	338	223			
5.00	1.50	216	143			

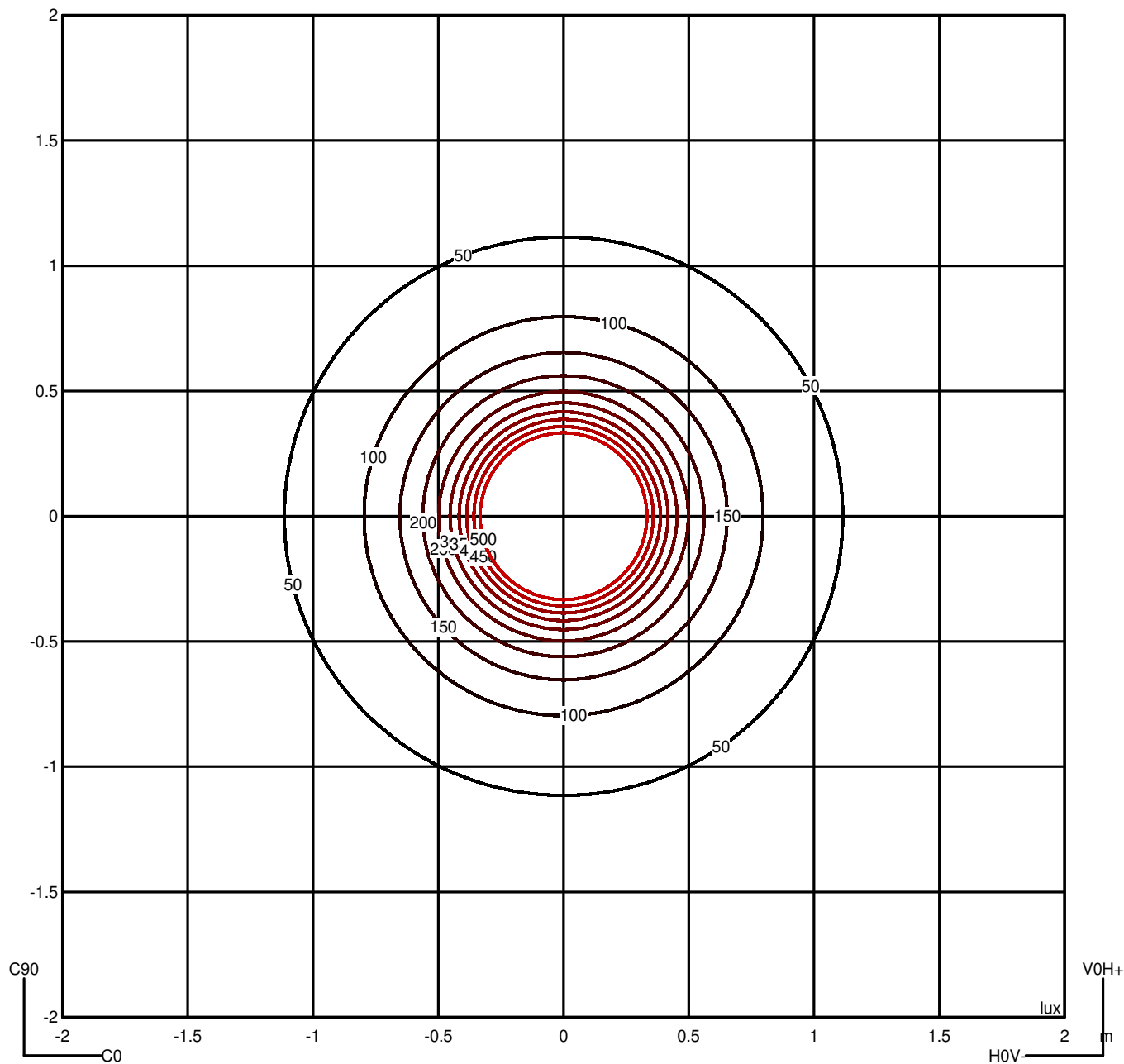
Luminaire

Code 55-9906-CA-CKV3_15°
Name GEA
Measur.
Code 55-9906-CA-CKV3_15°
Name GEA

Luminaire Flux	869 lm	Luminaire Power	10.0 W	Efficacy	86.880 lm/W	Efficiency	100.00%
Source Flux	869 lm	Maximum value	6228.66 cd/klm	Position	C=0.00 G=0.00	CG Rotosymmetrical	

Isolux (Floor)

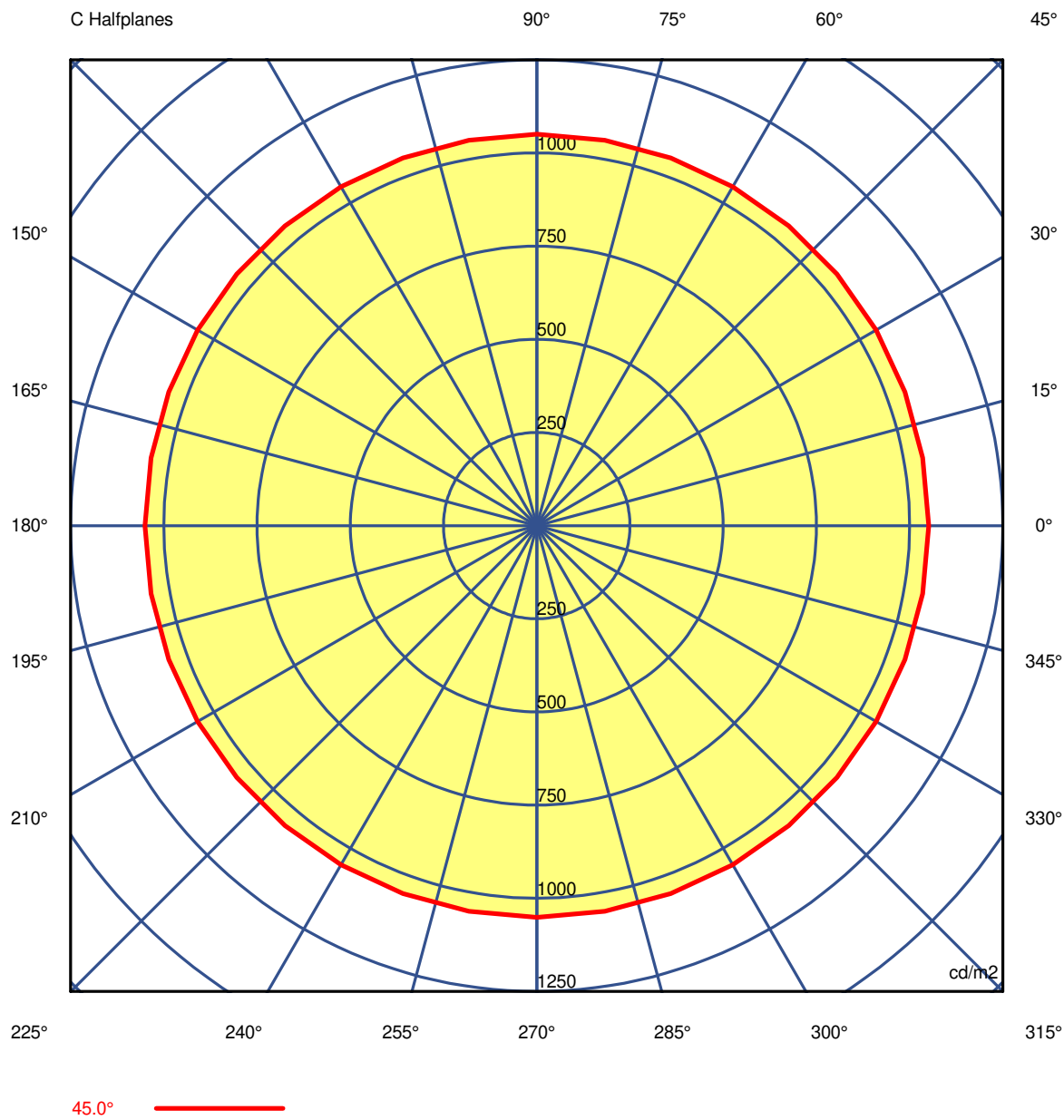
Luminaire position X=0.00m Y=0.00m Z=2.50m



Luminaire
Code 55-9906-CA-CKV3_15°
Name GEA
Measurem.
Code 55-9906-CA-CKV3_15°
Name GEA

Luminaire Flux	869 lm	Luminaire Power	10.0 W	Efficacy	86.880 lm/W	Efficiency	100.00%
Source Flux	869 lm	Maximum value	6228.66 cd/klm	Position	C=0.00 G=0.00	CG Rotosymmetrical	

Luminance



Luminaire

Code 55-9906-CA-CKV3_15°
Name GEA

Measurem.

Code 55-9906-CA-CKV3_15°
Name GEA

Luminaire Flux		869 lm		Luminaire Power		10.0 W		Efficacy		86.880 lm/W		Efficiency		100.00%											
Source Flux		869 lm		Maximum value		6228.66 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	1162099.62	1162099.62	1162099.62	1162099.62	1162099.62	1162099.62	1162099.62	1162099.62	1162099.62	1162099.62	1162099.62	1162099.62	1162099.62	1162099.62	1162099.62	1162099.62	1162099.62	1162099.62	1162099.62	1162099.62	1162099.62	1162099.62	1162099.62	1162099.62	1162099.62
G 5.0	982038.52	982038.52	982038.52	982038.52	982038.52	982038.52	982038.52	982038.52	982038.52	982038.52	982038.52	982038.52	982038.52	982038.52	982038.52	982038.52	982038.52	982038.52	982038.52	982038.52	982038.52	982038.52	982038.52	982038.52	982038.52
G 10.0	448474.98	448474.98	448474.98	448474.98	448474.98	448474.98	448474.98	448474.98	448474.98	448474.98	448474.98	448474.98	448474.98	448474.98	448474.98	448474.98	448474.98	448474.98	448474.98	448474.98	448474.98	448474.98	448474.98	448474.98	448474.98
G 15.0	219889.03	219889.03	219889.03	219889.03	219889.03	219889.03	219889.03	219889.03	219889.03	219889.03	219889.03	219889.03	219889.03	219889.03	219889.03	219889.03	219889.03	219889.03	219889.03	219889.03	219889.03	219889.03	219889.03	219889.03	219889.03
G 20.0	129838.86	129838.86	129838.86	129838.86	129838.86	129838.86	129838.86	129838.86	129838.86	129838.86	129838.86	129838.86	129838.86	129838.86	129838.86	129838.86	129838.86	129838.86	129838.86	129838.86	129838.86	129838.86	129838.86	129838.86	129838.86
G 25.0	91118.61	91118.61	91118.61	91118.61	91118.61	91118.61	91118.61	91118.61	91118.61	91118.61	91118.61	91118.61	91118.61	91118.61	91118.61	91118.61	91118.61	91118.61	91118.61	91118.61	91118.61	91118.61	91118.61	91118.61	91118.61
G 30.0	60352.34	60352.34	60352.34	60352.34	60352.34	60352.34	60352.34	60352.34	60352.34	60352.34	60352.34	60352.34	60352.34	60352.34	60352.34	60352.34	60352.34	60352.34	60352.34	60352.34	60352.34	60352.34	60352.34	60352.34	60352.34
G 35.0	19040.02	19040.02	19040.02	19040.02	19040.02	19040.02	19040.02	19040.02	19040.02	19040.02	19040.02	19040.02	19040.02	19040.02	19040.02	19040.02	19040.02	19040.02	19040.02	19040.02	19040.02	19040.02	19040.02	19040.02	19040.02
G 40.0	1851.28	1851.28	1851.28	1851.28	1851.28	1851.28	1851.28	1851.28	1851.28	1851.28	1851.28	1851.28	1851.28	1851.28	1851.28	1851.28	1851.28	1851.28	1851.28	1851.28	1851.28	1851.28	1851.28	1851.28	1851.28
G 45.0	1050.72	1050.72	1050.72	1050.72	1050.72	1050.72	1050.72	1050.72	1050.72	1050.72	1050.72	1050.72	1050.72	1050.72	1050.72	1050.72	1050.72	1050.72	1050.72	1050.72	1050.72	1050.72	1050.72	1050.72	1050.72
G 50.0	797.76	797.76	797.76	797.76	797.76	797.76	797.76	797.76	797.76	797.76	797.76	797.76	797.76	797.76	797.76	797.76	797.76	797.76	797.76	797.76	797.76	797.76	797.76	797.76	797.76
G 55.0	651.88	651.88	651.88	651.88	651.88	651.88	651.88	651.88	651.88	651.88	651.88	651.88	651.88	651.88	651.88	651.88	651.88	651.88	651.88	651.88	651.88	651.88	651.88	651.88	651.88
G 60.0	593.38	593.38	593.38	593.38	593.38	593.38	593.38	593.38	593.38	593.38	593.38	593.38	593.38	593.38	593.38	593.38	593.38	593.38	593.38	593.38	593.38	593.38	593.38	593.38	593.38
G 65.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 70.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 75.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 80.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 85.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Luminaire

Code 55-9906-CA-CKV3_15°
Name GEA

Measurem.

Code 55-9906-CA-CKV3_15°
Name GEA

Luminaire Flux	869 lm	Luminaire Power	10.0 W	Efficacy	86.880 lm/W	Efficiency	100.00%
Source Flux	869 lm	Maximum value	6228.66 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	1162099.62	1162099.62	1162099.62	1162099.62	1162099.62	1162099.62	1162099.62	1162099.62	1162099.62	1162099.62	1162099.62	1162099.62	1162099.62
G 5.0	982038.52	982038.52	982038.52	982038.52	982038.52	982038.52	982038.52	982038.52	982038.52	982038.52	982038.52	982038.52	982038.52
G 10.0	448474.98	448474.98	448474.98	448474.98	448474.98	448474.98	448474.98	448474.98	448474.98	448474.98	448474.98	448474.98	448474.98
G 15.0	219889.03	219889.03	219889.03	219889.03	219889.03	219889.03	219889.03	219889.03	219889.03	219889.03	219889.03	219889.03	219889.03
G 20.0	129838.86	129838.86	129838.86	129838.86	129838.86	129838.86	129838.86	129838.86	129838.86	129838.86	129838.86	129838.86	129838.86
G 25.0	91118.61	91118.61	91118.61	91118.61	91118.61	91118.61	91118.61	91118.61	91118.61	91118.61	91118.61	91118.61	91118.61
G 30.0	60352.34	60352.34	60352.34	60352.34	60352.34	60352.34	60352.34	60352.34	60352.34	60352.34	60352.34	60352.34	60352.34
G 35.0	19040.02	19040.02	19040.02	19040.02	19040.02	19040.02	19040.02	19040.02	19040.02	19040.02	19040.02	19040.02	19040.02
G 40.0	1851.28	1851.28	1851.28	1851.28	1851.28	1851.28	1851.28	1851.28	1851.28	1851.28	1851.28	1851.28	1851.28
G 45.0	1050.72	1050.72	1050.72	1050.72	1050.72	1050.72	1050.72	1050.72	1050.72	1050.72	1050.72	1050.72	1050.72
G 50.0	797.76	797.76	797.76	797.76	797.76	797.76	797.76	797.76	797.76	797.76	797.76	797.76	797.76
G 55.0	651.88	651.88	651.88	651.88	651.88	651.88	651.88	651.88	651.88	651.88	651.88	651.88	651.88
G 60.0	593.38	593.38	593.38	593.38	593.38	593.38	593.38	593.38	593.38	593.38	593.38	593.38	593.38
G 65.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 70.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 75.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 80.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 85.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Luminaire

Code 55-9906-CA-CKV3_15°
Name GEA

Measurem.

Code 55-9906-CA-CKV3_15°
Name GEA

Luminaire Flux	869 lm	Luminaire Power	10.0 W	Efficacy	86.880 lm/W	Efficiency	100.00%
Source Flux	869 lm	Maximum value	6228.66 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	1162099.62	1162099.62	1162099.62	1162099.62	1162099.62	1162099.62	1162099.62	1162099.62	1162099.62	1162099.62
G 5.0	982038.52	982038.52	982038.52	982038.52	982038.52	982038.52	982038.52	982038.52	982038.52	982038.52
G 10.0	448474.98	448474.98	448474.98	448474.98	448474.98	448474.98	448474.98	448474.98	448474.98	448474.98
G 15.0	219889.03	219889.03	219889.03	219889.03	219889.03	219889.03	219889.03	219889.03	219889.03	219889.03
G 20.0	129838.86	129838.86	129838.86	129838.86	129838.86	129838.86	129838.86	129838.86	129838.86	129838.86
G 25.0	91118.61	91118.61	91118.61	91118.61	91118.61	91118.61	91118.61	91118.61	91118.61	91118.61
G 30.0	60352.34	60352.34	60352.34	60352.34	60352.34	60352.34	60352.34	60352.34	60352.34	60352.34
G 35.0	19040.02	19040.02	19040.02	19040.02	19040.02	19040.02	19040.02	19040.02	19040.02	19040.02
G 40.0	1851.28	1851.28	1851.28	1851.28	1851.28	1851.28	1851.28	1851.28	1851.28	1851.28
G 45.0	1050.72	1050.72	1050.72	1050.72	1050.72	1050.72	1050.72	1050.72	1050.72	1050.72
G 50.0	797.76	797.76	797.76	797.76	797.76	797.76	797.76	797.76	797.76	797.76
G 55.0	651.88	651.88	651.88	651.88	651.88	651.88	651.88	651.88	651.88	651.88
G 60.0	593.38	593.38	593.38	593.38	593.38	593.38	593.38	593.38	593.38	593.38
G 65.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 70.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 75.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 80.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 85.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Luminaire

Code 55-9906-CA-CKV3_15°

Name GEA

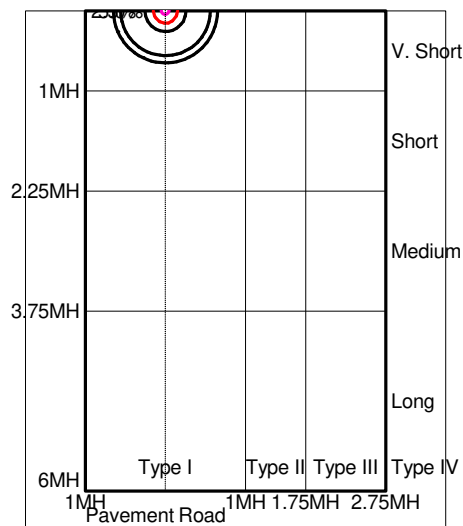
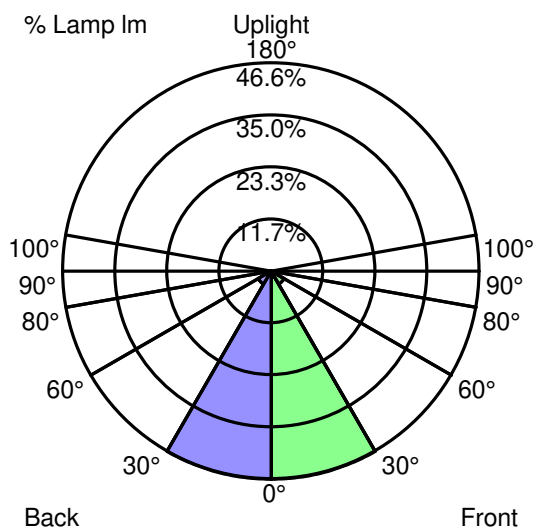
Measurem.

Code 55-9906-CA-CKV3_15°

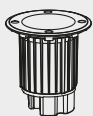
Name GEA

Luminaire Flux	869 lm	Luminaire Power	10.0 W	Efficacy	86.880 lm/W	Efficiency	100.00%
Source Flux	869 lm	Maximum value	6228.66 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical

US ROAD STANDARDS



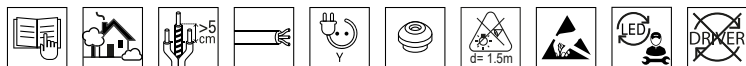
Luminaire Classification System (LCS)				
LCS Zone		Lumens	%Lamp	%Lum
FL	0° -- 30°	405.1 lm	46.6 %	46.6 %
FM	30° -- 60°	29.3 lm	3.4 %	3.4 %
FH	60° -- 80°	0.0 lm	0.0 %	0.0 %
FVH	80° -- 90°	0.0 lm	0.0 %	0.0 %
BL	0° -- 30°	405.1 lm	46.6 %	46.6 %
BM	30° -- 60°	29.3 lm	3.4 %	3.4 %
BH	60° -- 80°	0.0 lm	0.0 %	0.0 %
BVH	80° -- 90°	0.0 lm	0.0 %	0.0 %
UL	90° -- 100°	0.0 lm	0.0 %	0.0 %
UH	100° -- 180°	0.0 lm	0.0 %	0.0 %
TOTALS		868.8 lm	100.0 %	100.0 %
BUG B1 U0 G0 Type V Very Short Quadrilateral Symmetry				



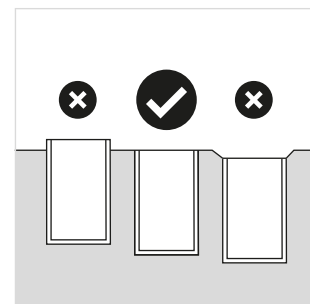
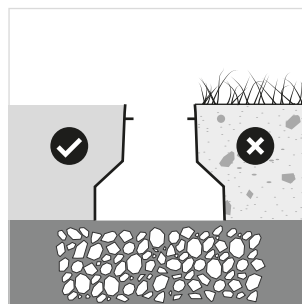
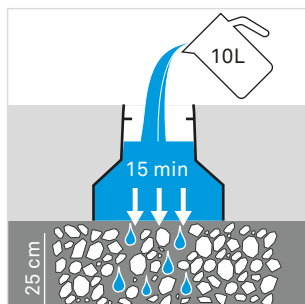
GEA COB LED

ON-OFF

LedsC4



youtu.be/tojpuXwGj1k



Ø125



2000kg

Ø185



1800kg

Ø223



1800kg

Ø115

132

Ø125

Ø170

150

Ø185

Ø208

175

Ø230

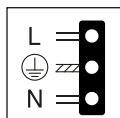
1

Ømin = 5mm
Ømax = 10mm



2

5Nm



3

4

5

6

ASSYMETRICAL NORMAL ANTIGLARE



±15°



