



Drone Single

Manel Lluscà

Applique Drone Single LED 8.6W Blanc chaud - 2 700 K ON-OFF Marron 350lm

Caractéristiques techniques

Puissance totale du luminaire: 8.6W

Lumens réels: 350

Lm/W réels: 41

Température de couleur corrélée (CCT): Blanc chaud - 2 700 K

Angle des lentilles/Réflecteur: FLOOD 95°

UGR: <=22

Matière de la structure: Aluminium

Finition structure: Marron

Matière du diffuseur: Aluminium

Finition diffuseur: Cuivre

Marque Driver: HEP

Tension/Fréquence: 100-277V/50-60Hz

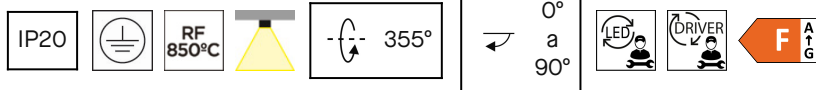
Protocole de variation: ON-OFF

Power Factor: 0.40

Durée de vie: 50,000h L80B20

Garantie: 5 ans

Luminaire facilement recyclable



Caractéristiques luminotechniques

CRI: 80

MacAdam steps: 2

Risque photobiologique: RG1

UGR transversal: 20.3

UGR longitudinal: 20.2

Douille	Quantité	Puissance source lumineuse (W)	Température de couleur corrélée (CCT)
LED	1	7W	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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Application du luminaire



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Luminaire

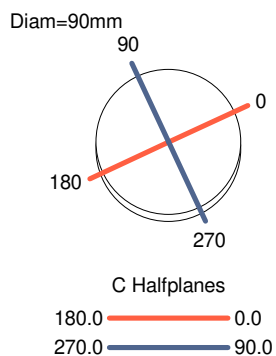
Code 05-5306-CI-06V1
Name DRONE

Measurem.

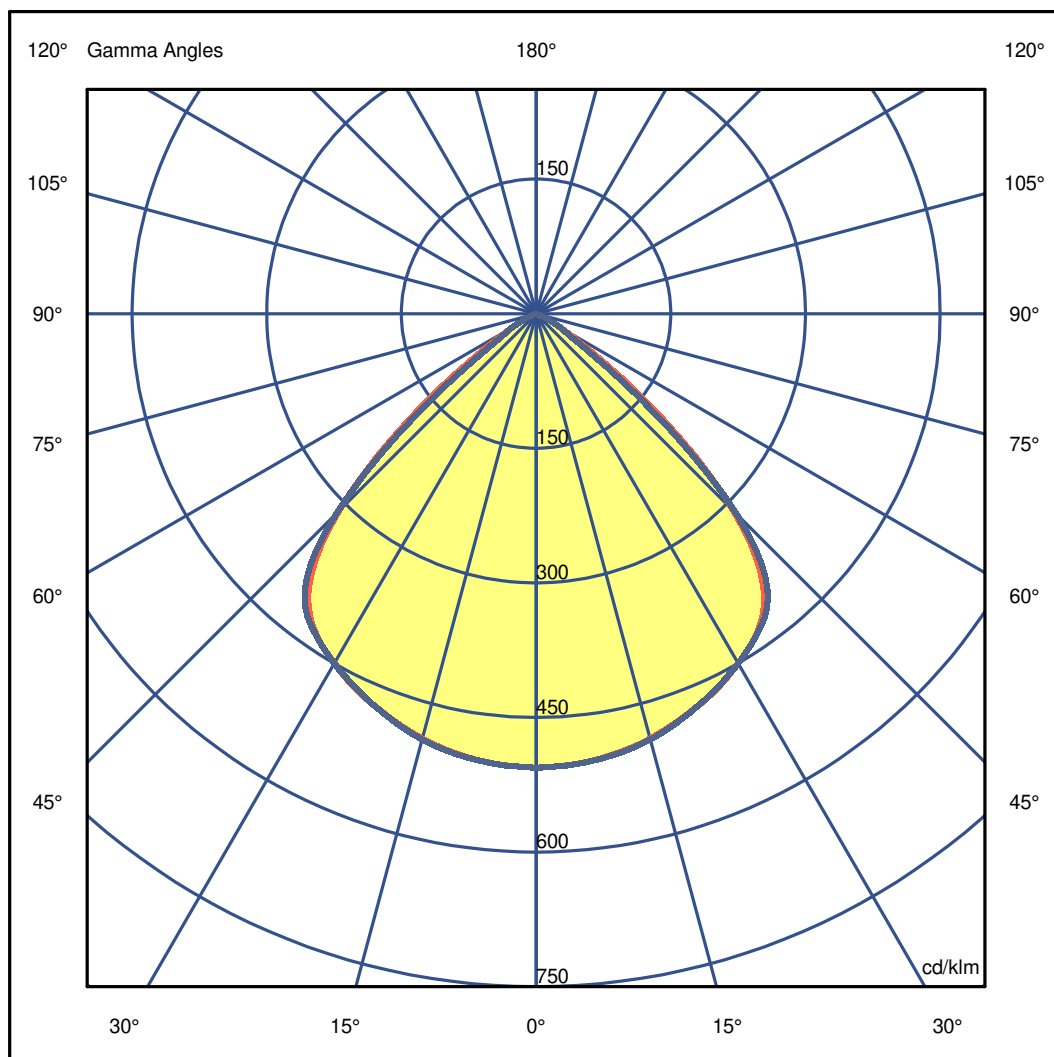
Code 05-5306-CI-06V1
Name DRONE

Luminaire Flux	350 lm	Luminaire Power	8.0 W	Efficacy	43.786 lm/W	Efficiency	100.00%
Source Flux	350 lm	Maximum value	505.80 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical
Round Luminaire		Diam.	90 mm	Height	130 mm		
Round Luminous Area		Diam.	87 mm	Height	0 mm		
Horizontal Luminous Area		0.005945 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°		0.001438 m2	
Coordinate system		CG		Symmetry Type		Double Symmetrical	
Date		17-03-2016		Maximum Gamma Angle		90	
Measurement Distance		0.00		Measurement Flux		350 lm	
Operator		Asselum T3		Rated Voltage			
Temperature				Rated Current			
Humidity				Photocell			
Notes							

Luminaire Sources						
Line		Code	Name	Flux [lm]	Pow. [W]	Q.ty
		LED	71-5306-14-14	350.30	8.00	1
C.I.E.	70 98 100 100 100		D DIN 5040	A50		
F UTE	1.00 B		B NBN	BZ 2		



ULOR 0.00 %
DLOR100.00 %
RN 0.00 %



Luminaire

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Luminous Intensity Table cd/klm Table 1/1

	C 0.00	C 15.00	C 30.00	C 45.00	C 60.00	C 75.00	C 90.00
G 0.0	505.80	505.80	505.80	505.80	505.80	505.80	505.80
G 5.0	503.70	503.78	503.88	503.84	503.81	503.72	503.82
G 10.0	498.57	498.74	498.76	498.94	499.10	499.18	498.98
G 15.0	490.08	490.16	490.67	490.86	490.80	491.06	491.22
G 20.0	478.54	479.15	479.21	479.48	479.52	479.07	479.03
G 25.0	465.95	465.94	465.85	465.65	465.27	464.15	465.15
G 30.0	449.78	450.60	450.06	449.74	450.68	450.44	449.87
G 35.0	430.68	431.04	431.02	431.06	431.36	432.65	431.83
G 40.0	393.00	394.36	394.56	396.74	397.13	399.64	400.88
G 45.0	310.91	314.85	312.98	315.68	313.52	318.43	315.60
G 50.0	189.05	186.78	184.85	185.86	178.80	179.36	171.31
G 55.0	82.36	82.29	78.93	72.24	66.50	63.23	61.64
G 60.0	31.26	31.09	30.88	31.86	31.74	32.03	31.64
G 65.0	15.54	15.17	14.79	15.02	14.53	14.09	13.50
G 70.0	4.62	4.62	4.50	4.78	5.43	6.55	7.01
G 75.0	0.45	0.44	0.44	0.44	0.45	0.46	0.47
G 80.0	0.52	0.51	0.52	0.52	0.54	0.56	0.58
G 85.0	0.62	0.60	0.61	0.62	0.64	0.67	0.69
G 90.0	0.71	0.70	0.71	0.72	0.75	0.79	0.81

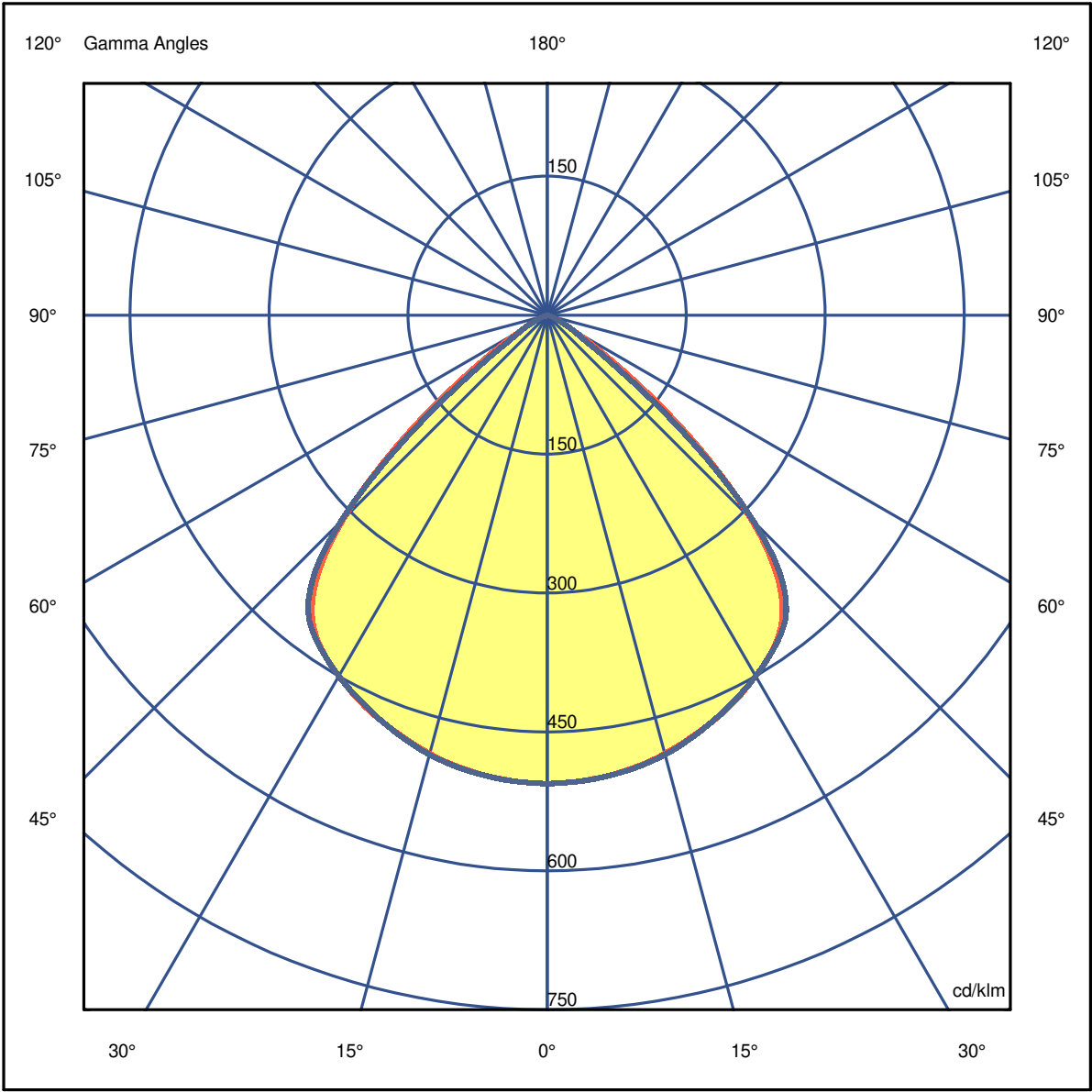
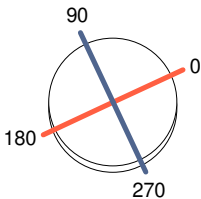
Luminaire
Code 05-5306-CI-06V1
Name DRONE
Measurem.
Code 05-5306-CI-06V1
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Source Flux	350 lm	Maximum value	505.80 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Diam=90mm

C Halfplanes

180.0 0.0
270.0 90.0

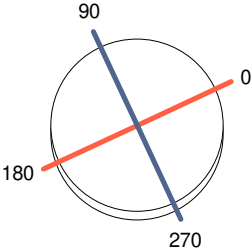


Luminaire

Code 05-5306-CI-06V1
Name DRONE
Measur.
Code 05-5306-CI-06V1
Name DRONE

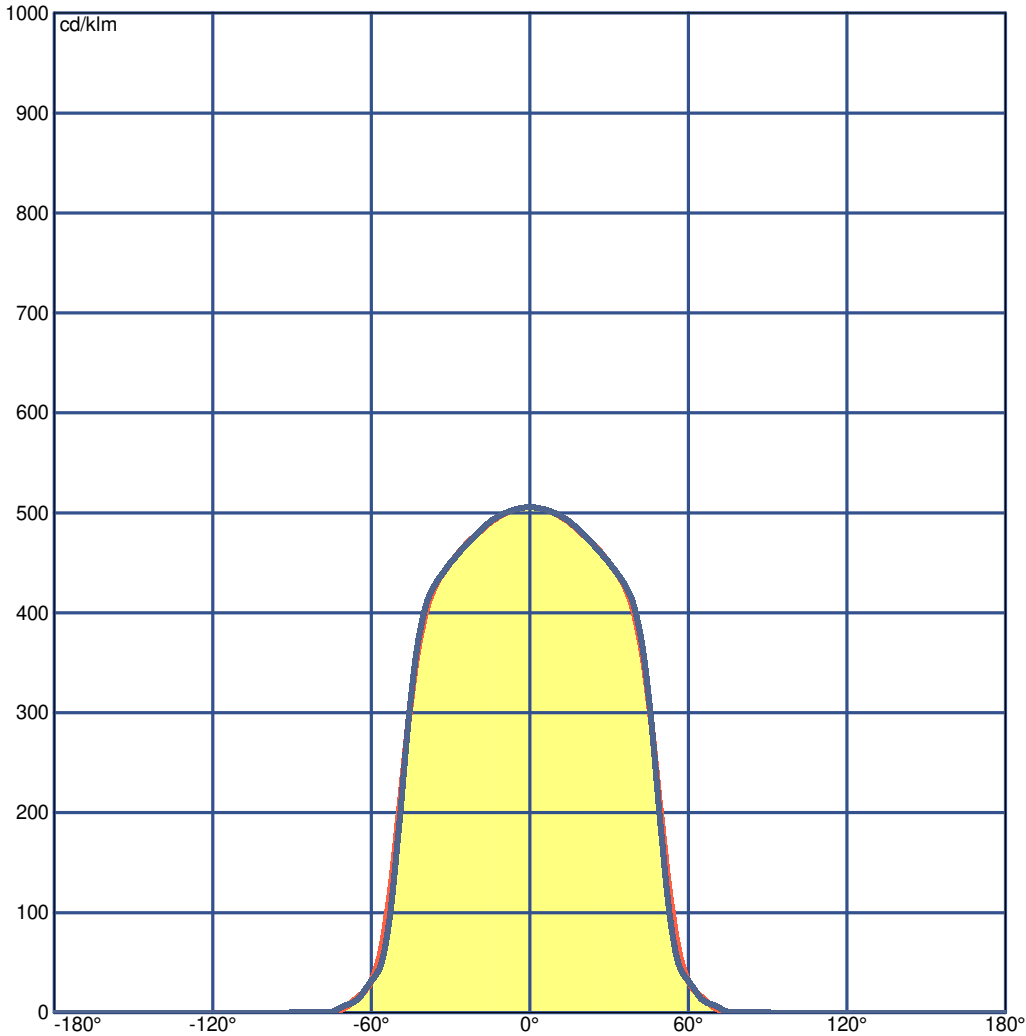
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Diam=90mm



C Halfplanes

180.0 ————— 0.0
270.0 ————— 90.0



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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	20.7	21.7	21.0	21.9	22.1	20.6	21.5	20.8	21.8	22.0
x=2H y=3H	20.6	21.4	20.9	21.7	21.9	20.4	21.3	20.7	21.6	21.8
x=2H y=4H	20.5	21.3	20.8	21.6	21.8	20.4	21.2	20.7	21.4	21.7
x=2H y=6H	20.4	21.2	20.8	21.5	21.7	20.3	21.0	20.6	21.3	21.6
x=2H y=8H	20.4	21.1	20.7	21.4	21.7	20.3	21.0	20.6	21.3	21.6
x=2H y=12H	20.4	21.0	20.7	21.3	21.7	20.2	20.9	20.6	21.2	21.5
x=4H y=2H	20.5	21.4	20.9	21.6	21.9	20.4	21.2	20.7	21.5	21.8
x=4H y=3H	20.4	21.1	20.8	21.4	21.8	20.3	21.0	20.7	21.3	21.6
x=4H y=4H	20.4	21.0	20.7	21.3	21.6	20.2	20.8	20.6	21.2	21.5
x=4H y=6H	20.3	20.8	20.7	21.2	21.6	20.2	20.7	20.6	21.0	21.4
x=4H y=8H	20.3	20.7	20.7	21.1	21.5	20.1	20.6	20.6	21.0	21.4
x=4H y=12H	20.2	20.6	20.7	21.0	21.5	20.1	20.5	20.5	20.9	21.3
x=8H y=4H	20.3	20.7	20.7	21.1	21.5	20.1	20.6	20.6	21.0	21.4
x=8H y=6H	20.2	20.5	20.6	21.0	21.4	20.1	20.4	20.5	20.8	21.3
x=8H y=8H	20.1	20.4	20.6	20.9	21.4	20.0	20.3	20.5	20.8	21.2
x=8H y=12H	20.1	20.4	20.6	20.8	21.3	20.0	20.2	20.4	20.7	21.2
x=12H y=4H	20.2	20.6	20.7	21.0	21.5	20.1	20.5	20.5	20.9	21.3
x=12H y=6H	20.1	20.4	20.6	20.9	21.4	20.0	20.3	20.5	20.8	21.2
x=12H y=8H	20.1	20.4	20.6	20.8	21.3	20.0	20.2	20.4	20.7	21.2

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Source Flux	350 lm	Maximum value	505.80 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Total Flux=350.30 Luminaire Flux=350.29

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	0.47	0.56	0.64	0.71	0.75	0.82	0.86	0.89	0.92	0.93	0.96	0.97
RC	2	2	2	1	1	1	1	1	1	1	2	2

Zonal Flux per 1000 Lumen

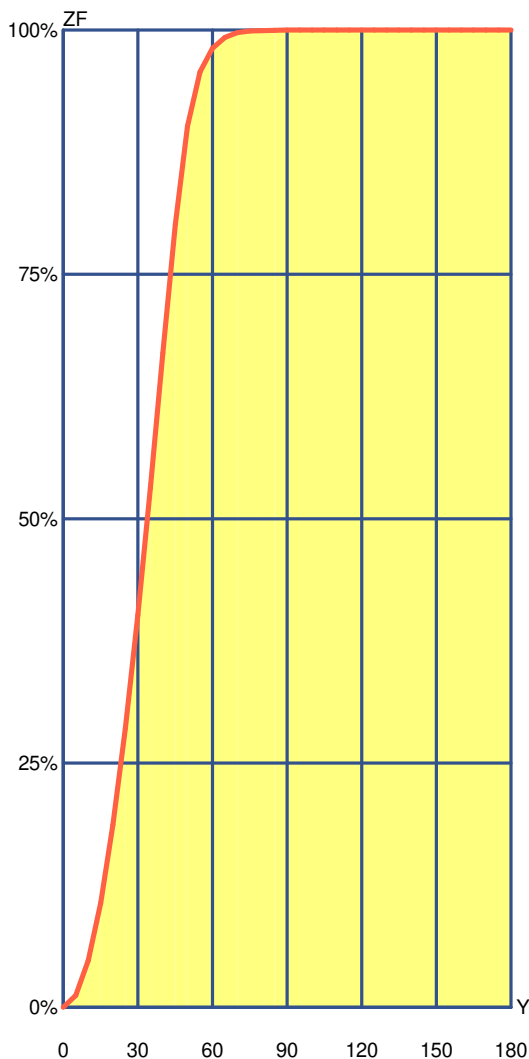
Y°	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
ZF(Y)	48	187	402	669	902	981	998	999	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000

CIE Flux Codes

70 98 100 100 100

C.I.E. 2/2/2/1/1/1/1/1/2/2
D DIN 5040 A50
F UTE 1.00 B
B NBN BZ 2
RN 0.00000 %
BLF 1.0

LOR 99.99772 %
ULOR 0.00000 %
DLOR 99.99772 %
UFF 0.00000 %
DFF 100.00000 %
FFR 0.00000 %



Zonal Flux				
Gamma °	Flux	Sum lm	Flux [%]	Sum [%]
0°	0.00	0.00	0.00%	0.00 %
5°	12.07	12.07	1.21 %	1.21 %
10°	35.87	47.94	3.59 %	4.79 %
15°	58.70	106.64	5.87 %	10.66 %
20°	79.93	186.58	7.99 %	18.66 %
25°	99.07	285.65	9.91 %	28.57 %
30°	115.87	401.52	11.59 %	40.15 %
35°	129.82	531.35	12.98 %	53.14 %
40°	138.14	669.48	13.81 %	66.95 %
45°	131.71	801.20	13.17 %	80.12 %
50°	100.51	901.71	10.05 %	90.17 %
55°	55.48	957.19	5.55 %	95.72 %
60°	24.05	981.24	2.40 %	98.13 %
65°	11.23	992.47	1.12 %	99.25 %
70°	5.06	997.52	0.51 %	99.75 %
75°	1.50	999.02	0.15 %	99.90 %
80°	0.26	999.28	0.03 %	99.93 %
85°	0.32	999.60	0.03 %	99.96 %
90°	0.38	999.98	0.04 %	100.00 %
95°	0.00	999.98	0.00 %	100.00 %
100°	0.00	999.98	0.00 %	100.00 %
105°	0.00	999.98	0.00 %	100.00 %
110°	0.00	999.98	0.00 %	100.00 %
115°	0.00	999.98	0.00 %	100.00 %
120°	0.00	999.98	0.00 %	100.00 %
125°	0.00	999.98	0.00 %	100.00 %
130°	0.00	999.98	0.00 %	100.00 %
135°	0.00	999.98	0.00 %	100.00 %
140°	0.00	999.98	0.00 %	100.00 %
145°	0.00	999.98	0.00 %	100.00 %
150°	0.00	999.98	0.00 %	100.00 %
155°	0.00	999.98	0.00 %	100.00 %
160°	0.00	999.98	0.00 %	100.00 %
165°	0.00	999.98	0.00 %	100.00 %
170°	0.00	999.98	0.00 %	100.00 %
175°	0.00	999.98	0.00 %	100.00 %
180°	0.00	999.98	0.00 %	100.00 %

Luminaire

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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	196	176	140	126	167	120	105	89	73	62	41	31	17	12	58	33	29	14	11	27	12	10	0				
0.80	226	207	145	134	197	128	132	116	82	72	49	39	24	18	67	41	37	20	17	35	18	15	0				
1.00	246	229	143	134	218	128	155	139	86	77	55	45	31	24	72	47	43	26	23	41	23	21	0				
1.25	265	250	139	131	238	126	179	163	89	82	61	52	38	30	77	53	49	33	29	47	30	27	0				
1.50	280	266	135	129	253	124	199	183	92	85	66	57	44	37	80	58	54	39	35	52	36	32	0				
2.00	300	288	127	123	275	119	228	213	93	88	72	65	54	47	83	65	62	49	45	59	45	42	0				
2.50	314	304	122	119	290	115	250	236	95	90	77	71	62	55	86	70	68	57	53	65	53	49	0				
3.00	324	315	119	116	301	113	266	254	96	92	81	75	67	61	88	75	72	63	59	69	59	55	0				
4.00	340	333	117	115	318	112	289	278	98	96	86	82	75	69	92	81	79	71	67	76	67	63	0				
5.00	350	344	116	114	329	112	304	295	100	98	90	86	81	75	94	85	83	76	73	80	73	69	0				
10.00	372	369	115	114	354	112	339	334	105	104	99	96	92	89	101	95	94	89	87	91	86	83	0				
20.00	384	382	113	113	367	111	359	356	107	106	103	102	99	98	104	100	99	96	95	97	94	91	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	395	384	324	317	378	314	298	291	253	249	212	208	183	181	246	209	207	181	181	207	181	180	159
0.80	430	418	337	330	410	326	334	325	272	267	233	229	204	201	263	229	227	202	201	226	201	200	175
1.00	447	436	335	330	425	324	355	345	277	272	242	237	215	211	268	237	235	212	210	233	210	209	180
1.25	461	450	330	325	437	319	373	363	279	274	248	243	223	219	269	242	240	219	217	237	217	214	183
1.50	470	460	325	320	445	315	387	376	279	275	251	246	228	224	269	245	243	224	222	239	221	218	184
2.00	472	463	304	301	445	295	397	386	268	265	246	241	227	222	258	238	236	222	219	232	217	213	175
2.50	473	465	291	289	446	283	404	394	261	258	242	237	226	221	250	234	232	220	217	227	214	210	169
3.00	473	465	280	278	444	272	408	398	253	251	237	233	223	219	242	229	227	216	214	221	210	205	162
4.00	485	479	279	277	456	271	425	417	256	254	243	240	231	227	245	234	232	223	221	225	216	210	165
5.00	498	493	283	282	469	276	442	435	264	262	252	249	242	238	252	242	241	233	231	233	225	218	172
10.00	549	546	316	315	518	308	502	497	301	300	293	291	286	284	289	282	281	276	275	272	267	258	207
20.00	600	599	356	355	568	349	559	556	344	343	339	338	335	333	332	328	327	324	323	317	313	303	250

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	716	704	668	660	697	655	600	592	577	573	525	521	487	485	569	521	520	485	484	518	484	484	470
0.80	823	810	758	750	799	744	705	695	672	666	621	616	582	579	661	615	613	580	578	611	578	577	563
1.00	904	891	824	817	877	810	788	777	746	740	698	692	661	657	733	691	689	658	655	686	655	653	640
1.25	976	963	880	874	945	865	864	852	809	804	766	760	732	727	795	758	755	727	724	751	723	720	708
1.50	1000	1000	917	911	993	902	918	905	853	847	814	807	782	776	838	804	801	776	773	796	771	766	755
2.00	1000	1000	967	963	1000	953	999	985	915	910	884	877	857	850	898	872	869	848	845	862	841	835	825
2.50	1000	1000	995	992	1000	982	1000	1000	951	946	925	918	902	894	933	911	908	891	887	899	882	875	865
3.00	1000	1000	1000	1000	1000	1000	1000	1000	975	971	952	946	932	925	956	937	935	920	916	925	910	901	892
4.00	1000	1000	1000	1000	1000	1000	1000	1000	999	995	981	975	964	957	979	964	962	950	946	950	938	927	917
5.00	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	997	992	982	976	992	979	977	967	963	963	953	941	931
10.00	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	999	991	984	968	959
20.00	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	985	975

LM53 SHR C0-C180: 1.324 SHR C90-C270: 1.324 SHR Square: 1.364

Luminaire

Code 05-5306-CI-06V1
Name DRONE

Measurem.

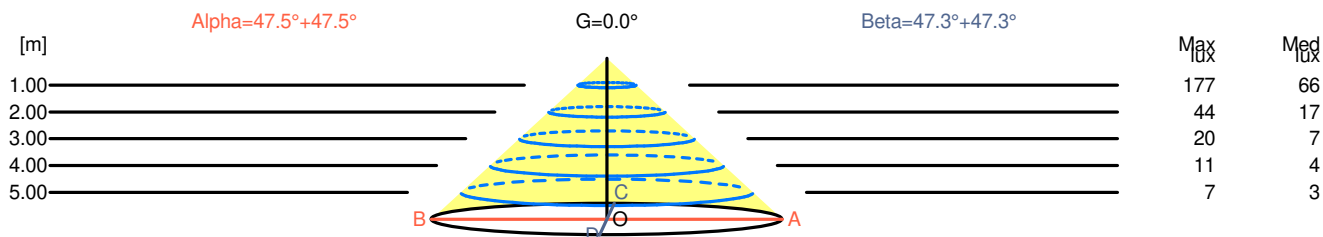
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Width at 50.00 % of Max Intensity

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	1.09	2.18	3.27	4.36	5.45	OC	1.08	2.16	3.25	4.33	5.41
OB	1.09	2.18	3.27	4.36	5.45	OD	1.08	2.16	3.25	4.33	5.41

	0	5	15	25	35	45	55	65	75	85
OA	177.18	176.45	171.68	163.22	150.87	108.91	28.85	5.44	0.16	0.22
OB	177.18	176.45	171.68	163.22	150.87	108.91	28.85	5.44	0.16	0.22
OC	177.18	176.49	172.08	162.94	151.27	110.55	21.59	4.73	0.16	0.24
OD	177.18	176.49	172.08	162.94	151.27	110.55	21.59	4.73	0.16	0.24



H[m]	D[m]	Max lux	Med lux	Alpha=47.5°+47.5°	G=0.0	
1.00	2.18	177	66			
2.00	4.36	44	17			
3.00	6.54	20	7			
4.00	8.72	11	4			
5.00	10.90	7	3			

H[m]	D[m]	Max lux	Med lux	Beta=47.3°+47.3°	G=0.0	
1.00	2.16	177	66			
2.00	4.33	44	17			
3.00	6.49	20	7			
4.00	8.66	11	4			
5.00	10.82	7	3			

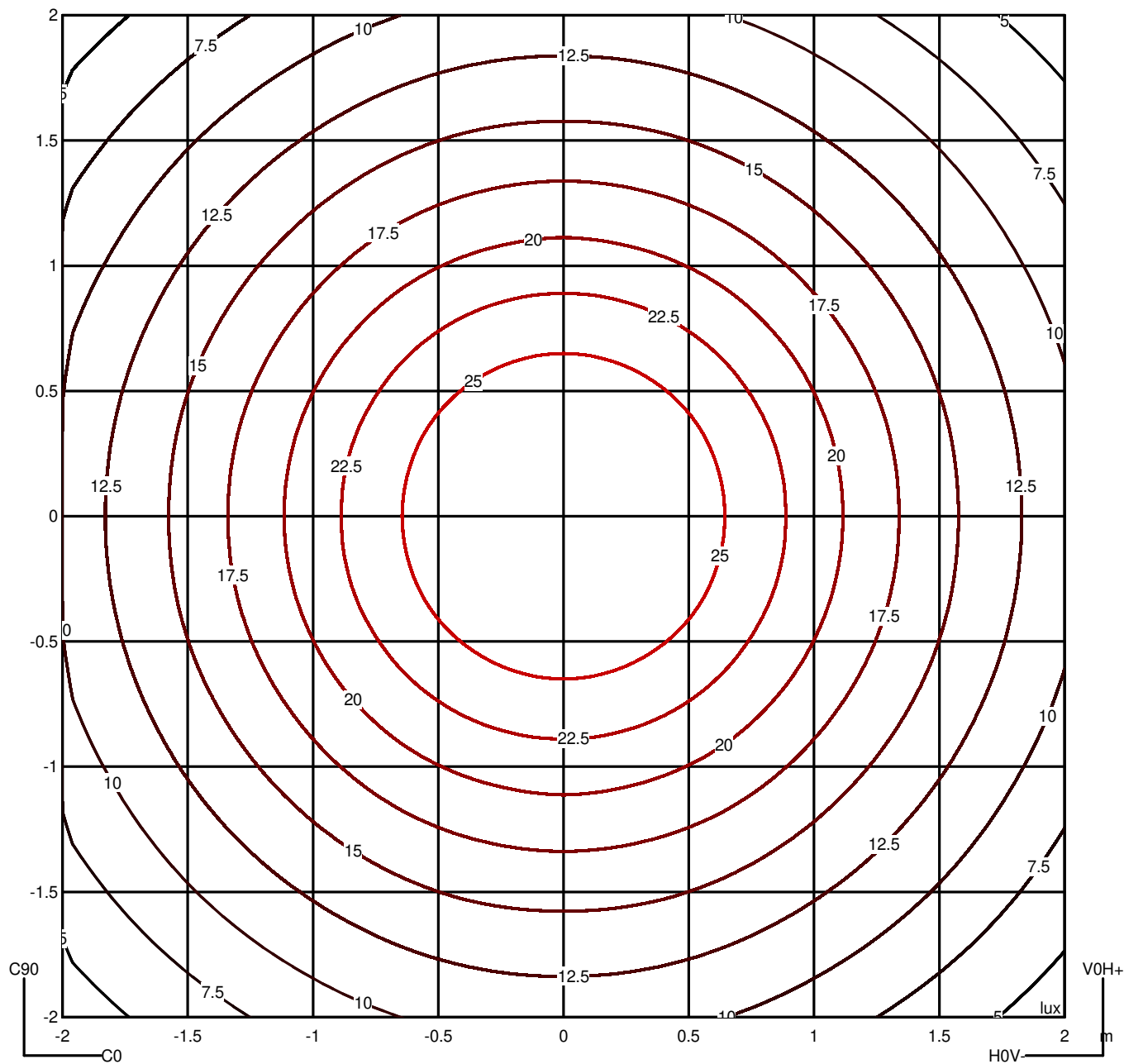
Luminaire

Code 05-5306-CI-06V1
Name DRONE
Measur.
Code 05-5306-CI-06V1
Name DRONE

Luminaire Flux	350 lm	Luminaire Power	8.0 W	Efficacy	43.786 lm/W	Efficiency	100.00%
Source Flux	350 lm	Maximum value	505.80 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Isolux (Floor)

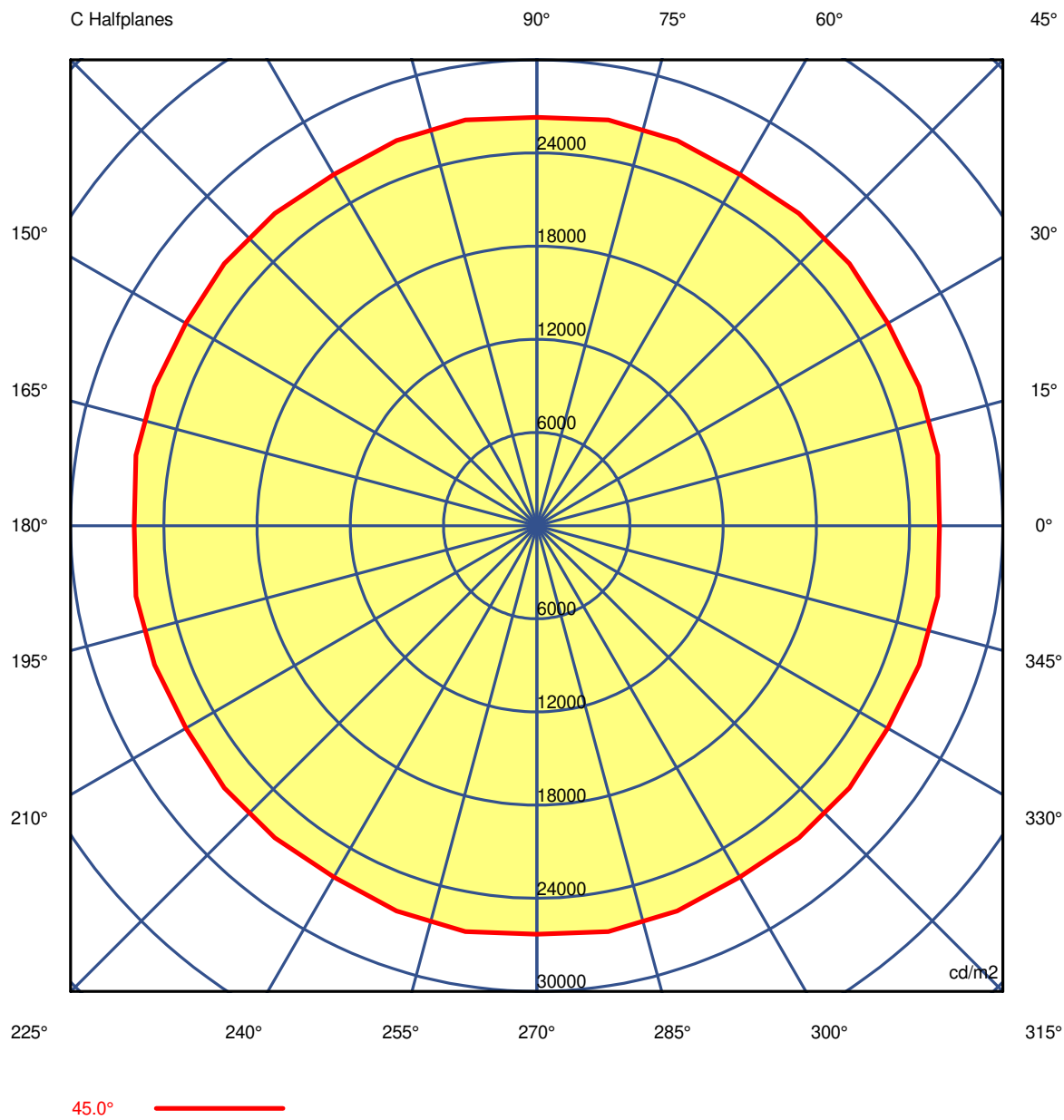
Luminaire position X=0.00m Y=0.00m Z=2.50m



Luminaire
Code 05-5306-CI-06V1
Name DRONE
Measurem.
Code 05-5306-CI-06V1
Name DRONE

Luminaire Flux	350 lm	Luminaire Power	8.0 W	Efficacy	43.786 lm/W	Efficiency	100.00%
Source Flux	350 lm	Maximum value	505.80 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



Luminaire

Code 05-5306-CI-06V1
Name DRONE

Measurerm.

Code 05-5306-CI-06V1
Name DRONE

Luminaire Flux		350 lm		Luminaire Power		8.0 W		Efficacy		43.786 lm/W		Efficiency		100.00%	
Source Flux		350 lm		Maximum value		505.80 cd/klm		Position		C=0.00 G=0.00		CG		Double Symmetrical	
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	29805.21	29805.21	29805.21	29805.21	29805.21	29805.21	29805.21	29805.21	29805.21	29805.21	29805.21	29805.21	29805.21	29805.21	29805.21
G 5.0	29794.84	29797.42	29801.83	29805.47	29803.87	29802.40	29801.51	29797.07	29796.38	29801.62	29796.38	29797.07	29801.51	29805.47	29805.21
G 10.0	29832.48	29840.23	29843.10	29843.93	29850.19	29857.87	29864.12	29868.76	29866.33	29856.85	29866.33	29868.76	29864.12	29843.93	29840.23
G 15.0	29897.69	29900.86	29911.53	29933.47	29944.58	29943.42	29941.22	29951.00	29961.70	29967.24	29961.70	29951.00	29941.22	29933.47	29911.53
G 20.0	30008.59	30037.92	30050.08	30050.78	30060.95	30071.98	30069.92	30050.42	30040.79	30039.40	30040.79	30050.42	30069.92	30050.78	30050.08
G 25.0	30295.45	30294.98	30293.40	30288.62	30279.76	30273.25	30251.01	30194.50	30185.26	30243.47	30185.26	30194.50	30251.01	30273.25	30279.76
G 30.0	30603.99	30650.13	30655.57	30623.05	30597.90	30621.00	30665.51	30662.23	30635.77	30610.22	30635.77	30662.23	30665.51	30623.05	30655.57
G 35.0	30981.21	31001.29	31006.76	31006.09	31007.94	31015.71	31030.17	31100.09	31120.31	31064.09	31120.31	31100.09	31030.17	31006.76	31001.29
G 40.0	30230.52	30314.61	30340.63	30351.19	30468.94	30533.72	30548.62	30672.19	30788.47	30837.09	30788.47	30672.19	30548.62	30468.94	30351.19
G 45.0	25909.51	26191.30	26192.20	26081.87	26254.16	26249.60	26126.92	26407.23	26541.24	26300.54	26541.24	26407.23	26126.92	26249.60	26254.16
G 50.0	17330.59	17202.86	17030.29	16946.21	17007.60	16840.00	16391.57	16433.55	16299.11	15704.54	16299.11	16433.55	16391.57	16840.00	17007.60
G 55.0	8461.63	8456.45	8385.70	8108.52	7661.64	7199.34	6832.42	6582.80	6430.19	6332.31	6430.19	6582.80	6832.42	7199.34	7661.64
G 60.0	3683.56	3675.40	3645.39	3639.58	3721.19	3750.12	3740.11	3763.82	3769.87	3729.03	3769.87	3763.82	3740.11	3750.12	3721.19
G 65.0	2166.51	2136.01	2091.28	2061.56	2086.63	2080.86	2026.05	1983.92	1939.75	1882.49	1939.75	1983.92	2026.05	2080.86	2086.63
G 70.0	795.66	795.60	786.77	774.99	800.54	851.01	934.90	1068.38	1167.50	1206.98	1167.50	1068.38	934.90	851.01	800.54
G 75.0	101.40	99.82	99.64	100.52	100.95	101.86	103.48	104.90	106.07	107.13	106.07	104.90	103.48	100.95	100.52
G 80.0	176.91	174.44	173.98	175.32	176.80	179.68	184.16	188.77	192.45	195.19	192.45	188.77	184.16	179.68	175.32
G 85.0	416.08	409.03	407.71	411.52	415.56	422.49	433.95	447.83	459.27	467.22	459.27	447.83	433.95	422.49	415.56
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

Luminaire

Code 05-5306-CI-06V1
Name DRONE

Measurment

Code 05-5306-CI-06V1
Name DRONE

Luminaire Flux	350 lm		Luminaire Power		8.0 W		Efficacy		43.786 lm/W		Efficiency		100.00%
Source Flux	350 lm		Maximum value		505.80 cd/klm		Position		C=0.00 G=0.00		CG Double Symmetrical		
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	29805.21	29805.21	29805.21	29805.21	29805.21	29805.21	29805.21	29805.21	29805.21	29805.21	29805.21	29805.21	29805.21
G 5.0	29802.40	29803.87	29805.47	29801.83	29797.42	29794.84	29797.42	29801.83	29805.47	29803.87	29802.40	29801.51	29797.07
G 10.0	29857.87	29850.19	29843.93	29843.10	29840.23	29832.48	29840.23	29843.10	29843.93	29850.19	29857.87	29864.12	29868.76
G 15.0	29943.42	29944.58	29933.47	29911.53	29900.86	29897.69	29900.86	29911.53	29933.47	29944.58	29943.42	29941.22	29951.00
G 20.0	30071.98	30060.95	30050.78	30050.08	30037.92	30008.59	30037.92	30050.08	30050.78	30060.95	30071.98	30069.92	30050.42
G 25.0	30273.25	30279.76	30288.62	30293.40	30294.98	30295.45	30294.98	30293.40	30288.62	30279.76	30273.25	30251.01	30194.50
G 30.0	30621.00	30597.90	30623.05	30655.57	30650.13	30603.99	30650.13	30655.57	30623.05	30597.90	30621.00	30665.51	30662.23
G 35.0	31015.71	31007.94	31006.09	31006.76	31001.29	30981.21	31001.29	31006.76	31006.09	31007.94	31015.71	31030.17	31100.09
G 40.0	30533.72	30468.94	30351.19	30340.63	30314.61	30230.52	30314.61	30340.63	30351.19	30468.94	30533.72	30548.62	30672.19
G 45.0	26249.60	26254.16	26081.87	26192.20	26191.30	25909.51	26191.30	26192.20	26081.87	26254.16	26249.60	26126.92	26407.23
G 50.0	16840.00	17007.60	16946.21	17030.29	17202.86	17330.59	17202.86	17030.29	16946.21	17007.60	16840.00	16391.57	16433.55
G 55.0	7199.34	7661.64	8108.52	8385.70	8456.45	8461.63	8456.45	8385.70	8108.52	7661.64	7199.34	6832.42	6582.80
G 60.0	3750.12	3721.19	3639.58	3645.39	3675.40	3683.56	3675.40	3645.39	3639.58	3721.19	3750.12	3740.11	3763.82
G 65.0	2080.86	2086.63	2061.56	2091.28	2136.01	2166.51	2136.01	2091.28	2061.56	2086.63	2080.86	2026.05	1983.92
G 70.0	851.01	800.54	774.99	786.77	795.60	795.66	795.60	786.77	774.99	800.54	851.01	934.90	1068.38
G 75.0	101.86	100.95	100.52	99.64	99.82	101.40	99.82	99.64	100.52	100.95	101.86	103.48	104.90
G 80.0	179.68	176.80	175.32	173.98	174.44	176.91	174.44	173.98	175.32	176.80	179.68	184.16	188.77
G 85.0	422.49	415.56	411.52	407.71	409.03	416.08	409.03	407.71	411.52	415.56	422.49	433.95	447.83
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 05-5306-CI-06V1
Name DRONE

Measurem.

Code 05-5306-CI-06V1
Name DRONE

Luminaire Flux	350 lm	Luminaire Power		8.0 W		Efficacy	43.786 lm/W		Efficiency		100.00%
Source Flux	350 lm	Maximum value		505.80 cd/klm		Position	C=0.00 G=0.00		CG	Double Symmetrical	
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	29805.21	29805.21	29805.21	29805.21	29805.21	29805.21	29805.21	29805.21	29805.21	29805.21	
G 5.0	29796.38	29801.62	29796.38	29797.07	29801.51	29802.40	29803.87	29805.47	29801.83	29797.42	
G 10.0	29866.33	29856.85	29866.33	29868.76	29864.12	29857.87	29850.19	29843.93	29843.10	29840.23	
G 15.0	29961.70	29967.24	29961.70	29951.00	29941.22	29943.42	29944.58	29933.47	29911.53	29900.86	
G 20.0	30040.79	30039.40	30040.79	30050.42	30069.92	30071.98	30060.95	30050.78	30050.08	30037.92	
G 25.0	30185.26	30243.47	30185.26	30194.50	30251.01	30273.25	30279.76	30288.62	30293.40	30294.98	
G 30.0	30635.77	30610.22	30635.77	30662.23	30665.51	30621.00	30597.90	30623.05	30655.57	30650.13	
G 35.0	31120.31	31064.09	31120.31	31100.09	31030.17	31015.71	31007.94	31006.09	31006.76	31001.29	
G 40.0	30788.47	30837.09	30788.47	30672.19	30548.62	30533.72	30468.94	30351.19	30340.63	30314.61	
G 45.0	26541.24	26300.54	26541.24	26407.23	26126.92	26249.60	26254.16	26081.87	26192.20	26191.30	
G 50.0	16299.11	15704.54	16299.11	16433.55	16391.57	16840.00	17007.60	16946.21	17030.29	17202.86	
G 55.0	6430.19	6332.31	6430.19	6582.80	6832.42	7199.34	7661.64	8108.52	8385.70	8456.45	
G 60.0	3769.87	3729.03	3769.87	3763.82	3740.11	3750.12	3721.19	3639.58	3645.39	3675.40	
G 65.0	1939.75	1882.49	1939.75	1983.92	2026.05	2080.86	2086.63	2061.56	2091.28	2136.01	
G 70.0	1167.50	1206.98	1167.50	1068.38	934.90	851.01	800.54	774.99	786.77	795.60	
G 75.0	106.07	107.13	106.07	104.90	103.48	101.86	100.95	100.52	99.64	99.82	
G 80.0	192.45	195.19	192.45	188.77	184.16	179.68	176.80	175.32	173.98	174.44	
G 85.0	459.27	467.22	459.27	447.83	433.95	422.49	415.56	411.52	407.71	409.03	
G 90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

Luminaire

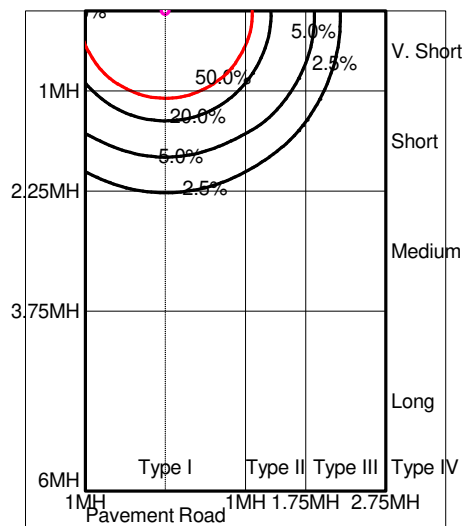
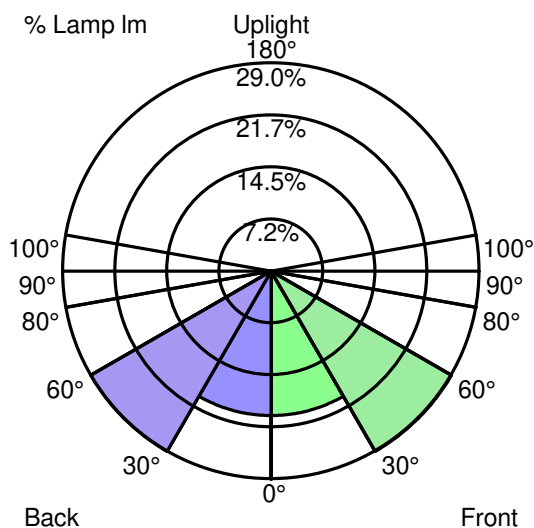
Code 05-5306-CI-06V1
Name DRONE

Measurem.

Code 05-5306-CI-06V1
Name DRONE

Luminaire Flux	350 lm	Luminaire Power	8.0 W	Efficacy	43.786 lm/W	Efficiency	100.00%
Source Flux	350 lm	Maximum value	505.80 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

US ROAD STANDARDS



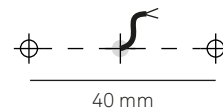
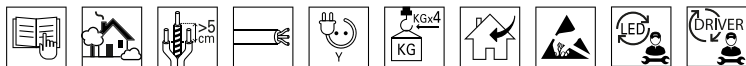
Luminaire Classification System (LCS)				
LCS Zone		Lumens	%Lamp	%Lum
FL	0° -- 30°	70.5 lm	20.1 %	20.1 %
FM	30° -- 60°	101.5 lm	29.0 %	29.0 %
FH	60° -- 80°	3.0 lm	0.9 %	0.9 %
FVH	80° -- 90°	0.1 lm	0.0 %	0.0 %
BL	0° -- 30°	70.5 lm	20.1 %	20.1 %
BM	30° -- 60°	101.5 lm	29.0 %	29.0 %
BH	60° -- 80°	3.0 lm	0.9 %	0.9 %
BVH	80° -- 90°	0.1 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		350.3 lm	100.0 %	100.0 %
BUG B0 U0 G0 Type V Very Short Quadrilateral Symmetry				



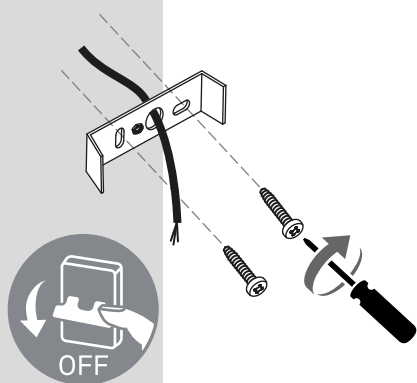
DRONE

SINGLE

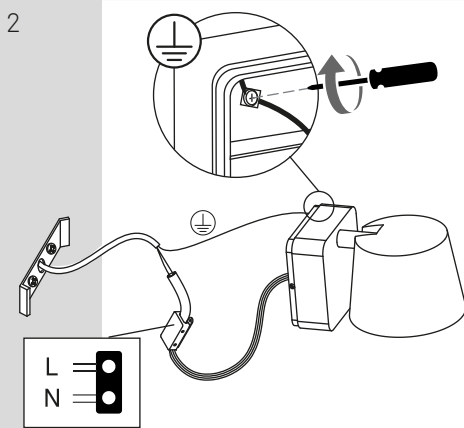
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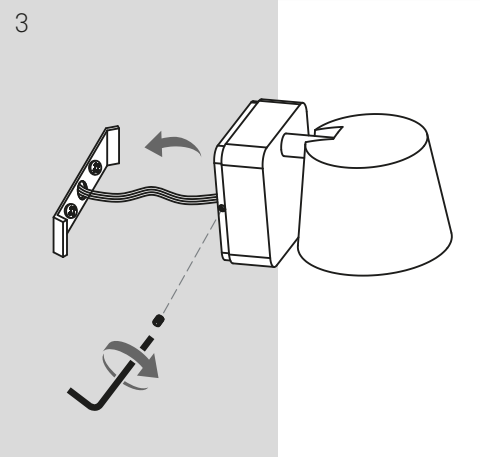
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3



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