

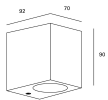


Kubo Single Emission PX-0140-NEG

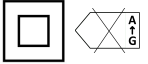
LedsC4 Team

Surface-mounted wall light IP44 Kubo Single Emission GU10 8W Black

TECHNICAL FEATURES



IP44 IK10



Luminaire total power : 8W

Structure material : Polycarbonate + ABS

Structure finish : Black

Diffuser material : Polycarbonate

Diffuser finish : Transparent

Max. size of light bulb : 55/50 mm

Recommended light bulb : GU10

Voltage / frequency : 100-240V ~ 50/60Hz

Warranty : 5 Years

Resistant to marine environments : Yes

LUMINOTECHNIC FEATURES

TM30 RG: 96

TM30 RF: 86

Lampholder	Quantity	Light source power (W)	Correlated Colour Temperature (CCT)
GU10	1	Max. power 8W	-

LOGISTICS

Net weight (kg): 0.17

Packaged weight (kg): 0.23

Packaging: 80mm x 100mm x 100mm



LEDS C4[®]

Luminaria

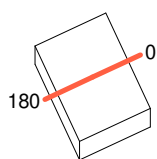
Código PX-0140-NEG
Nombre KUBO SINGLE
Ensayo
Código PX-0140-NEG
Nombre KUBO SINGLE

Flujo Luminaria	276 lm	Potencia Luminaria	4.3 W	Eficacia	64.195 lm/W	Eficiencia	100.00%
Flujo Fuente	276 lm	Valor Máximo	2290.22 cd/klm	Posición	C=0.00 G=0.00	CG	Rotosimétrico
Luminaria Rectangular Área Luminosa Redonda	Longit. Diam.	92 mm 48 mm	Anchura Altura	68 mm 0 mm	Altura	88 mm	
Área Luminosa Horizontal Área Emisión sobre Pl. 0° Área Emisión sobre Pl. 90°	0.001810 m2 0.000000 m2 0.000000 m2		Área Emisión sobre Pl. 180° Área Emisión sobre Pl. 270° Área de deslumbramiento a 76°	0.000000 m2 0.000000 m2 0.000438 m2			
Sist. de Coorden. Fecha Distancia de Ensayo	CG 09-03-2022 0.00		Tipo de Simetría Máximo Ángulo Gamma Flujo de Ensayo	Rotosimétrico 90 276 lm			
Operador Temperatura Humedad Notas	qualitat		Tensión Nominal Corriente Nominal Fotocélula				

Fuentes de luz de la Luminaria

Familia	Código LED	Nombre LED	Flujo [lm] 276.04	Pot. [W] 4.30	Cant. 1
C.I.E. F UTE	94 99 100 100 100 1.00 A	D DIN 5040 B NBN	A60 BZ 1		

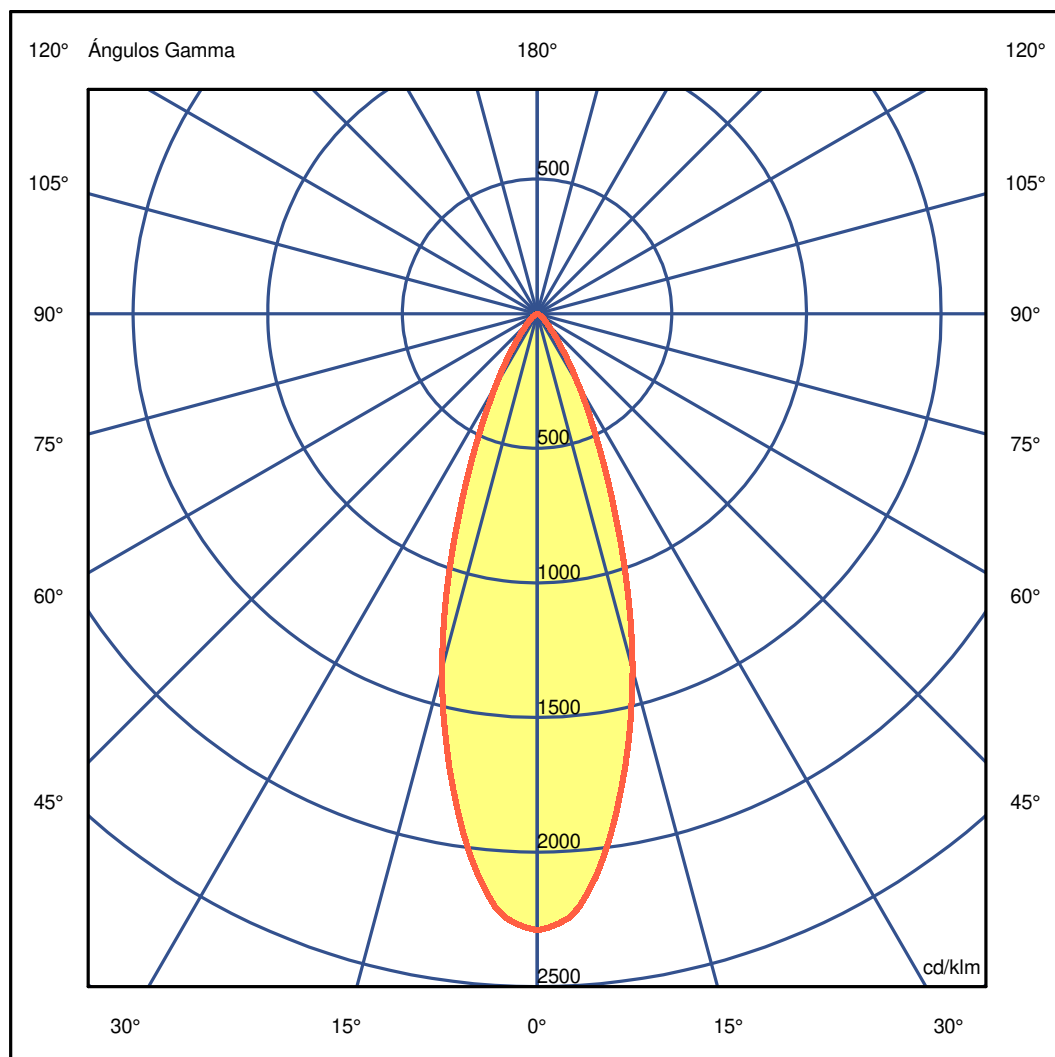
92mm x 68mm



Semiplanos C

180.0 — 0.0

ULOR 0.00 %
DLOR 100.00 %
RN 0.00 %



LEDS C4⁺

Luminaria

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Tabla de Intensidad Luminosa cd/klm

Tabla 1/1

	C 0.00	C 0.00
G 0.0	2290.22	G 46.0 47.82
G 1.0	2280.77	G 47.0 43.80
G 2.0	2266.39	G 48.0 40.26
G 3.0	2247.31	G 49.0 36.90
G 4.0	2211.38	G 50.0 34.09
G 5.0	2158.28	G 51.0 31.95
G 6.0	2098.77	G 52.0 29.70
G 7.0	2030.85	G 53.0 27.60
G 8.0	1956.05	G 54.0 25.51
G 9.0	1875.57	G 55.0 23.45
G 10.0	1793.94	G 56.0 21.68
G 11.0	1712.43	G 57.0 19.92
G 12.0	1627.44	G 58.0 17.39
G 13.0	1544.02	G 59.0 15.26
G 14.0	1455.92	G 60.0 13.18
G 15.0	1368.67	G 61.0 11.61
G 16.0	1274.95	G 62.0 10.21
G 17.0	1183.23	G 63.0 8.93
G 18.0	1089.44	G 64.0 7.72
G 19.0	995.80	G 65.0 6.67
G 20.0	906.08	G 66.0 5.67
G 21.0	819.93	G 67.0 4.82
G 22.0	742.80	G 68.0 4.06
G 23.0	669.54	G 69.0 3.39
G 24.0	603.12	G 70.0 2.84
G 25.0	540.82	G 71.0 2.33
G 26.0	486.24	G 72.0 1.85
G 27.0	434.86	G 73.0 1.45
G 28.0	388.94	G 74.0 1.15
G 29.0	347.11	G 75.0 0.90
G 30.0	309.01	G 76.0 0.72
G 31.0	275.41	G 77.0 0.58
G 32.0	243.79	G 78.0 0.47
G 33.0	216.30	G 79.0 0.38
G 34.0	190.64	G 80.0 0.31
G 35.0	168.35	G 81.0 0.25
G 36.0	147.75	G 82.0 0.20
G 37.0	130.48	G 83.0 0.17
G 38.0	114.97	G 84.0 0.13
G 39.0	101.50	G 85.0 0.10
G 40.0	89.91	G 86.0 0.08
G 41.0	80.10	G 87.0 0.06
G 42.0	71.64	G 88.0 0.05
G 43.0	64.18	G 89.0 0.04
G 44.0	57.98	G 90.0 0.03
G 45.0	52.45	

LEDS C4[®]

Luminaria

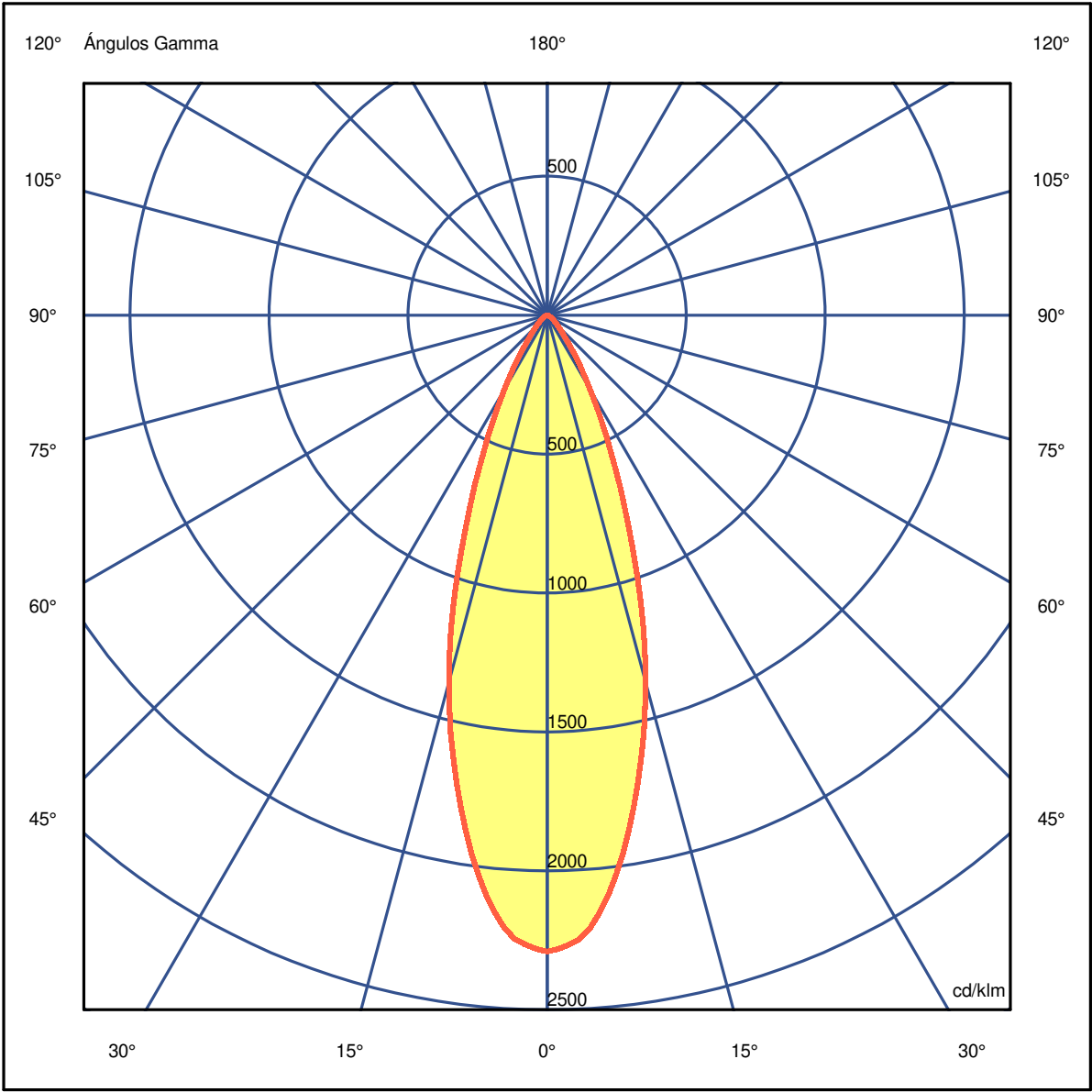
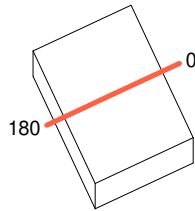
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92mm x 68mm

Semiplanos C

180.0 0.0



LEDS C4[®]

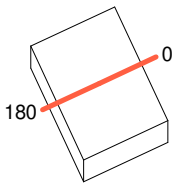
Luminaria

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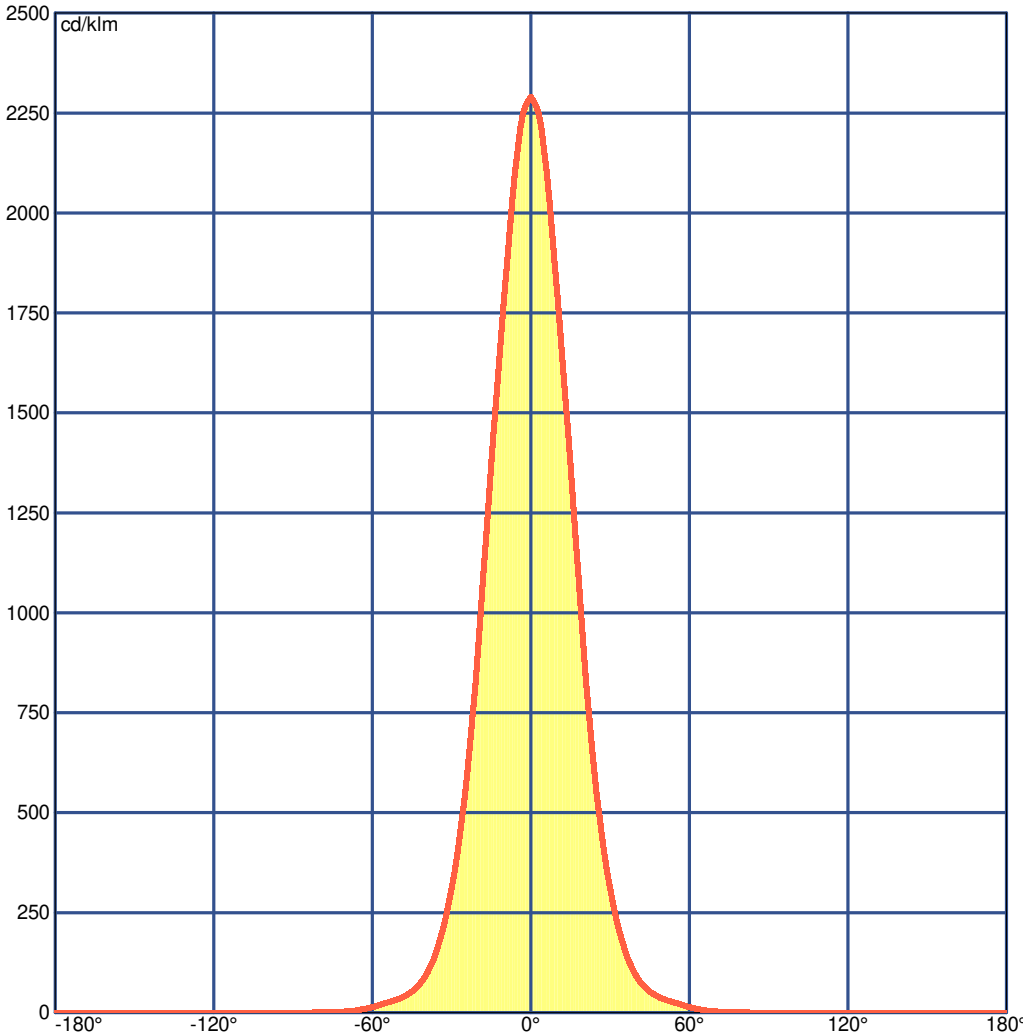
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UGR
S = 0.250

Reflectancias										
Techo/Cavidad	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Paredes	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
PDT	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Dimensiones del Local										
Mista Lateral						Vista Longitudinal				
x=2H y=2H	14.9	15.6	15.1	15.8	16.0	14.9	15.6	15.1	15.8	16.0
x=2H y=3H	14.8	15.4	15.1	15.7	15.9	14.8	15.4	15.1	15.7	15.9
x=2H y=4H	14.7	15.3	15.1	15.6	15.9	14.7	15.3	15.1	15.6	15.9
x=2H y=6H	14.7	15.2	15.0	15.5	15.8	14.7	15.2	15.0	15.5	15.8
x=2H y=8H	14.6	15.2	15.0	15.5	15.8	14.6	15.2	15.0	15.5	15.8
x=2H y=12H	14.6	15.1	14.9	15.4	15.7	14.6	15.1	14.9	15.4	15.7
x=4H y=2H	14.8	15.4	15.1	15.6	15.9	14.8	15.4	15.1	15.6	15.9
x=4H y=3H	14.8	15.3	15.1	15.6	15.9	14.8	15.3	15.1	15.6	15.9
x=4H y=4H	14.7	15.1	15.1	15.5	15.8	14.7	15.1	15.1	15.5	15.8
x=4H y=6H	14.6	15.0	15.0	15.3	15.7	14.6	15.0	15.0	15.3	15.7
x=4H y=8H	14.6	14.9	15.0	15.3	15.7	14.6	14.9	15.0	15.3	15.7
x=4H y=12H	14.6	14.8	15.0	15.2	15.6	14.6	14.8	15.0	15.2	15.6
x=8H y=4H	14.6	14.9	15.0	15.3	15.7	14.6	14.9	15.0	15.3	15.7
x=8H y=6H	14.5	14.8	15.0	15.2	15.6	14.5	14.8	15.0	15.2	15.6
x=8H y=8H	14.5	14.7	14.9	15.1	15.6	14.5	14.7	14.9	15.1	15.6
x=8H y=12H	14.4	14.6	14.9	15.1	15.5	14.4	14.6	14.9	15.1	15.5
x=12H y=4H	14.6	14.8	15.0	15.2	15.6	14.6	14.8	15.0	15.2	15.6
x=12H y=6H	14.5	14.7	14.9	15.1	15.6	14.5	14.7	14.9	15.1	15.6
x=12H y=8H	14.4	14.6	14.9	15.1	15.5	14.4	14.6	14.9	15.1	15.5

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Luminaria

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Flujo Fuente	276 lm	Valor Máximo	2290.22 cd/klm	Posición	C=0.00 G=0.00	CG Rotosimétrico	

Flujo Total=276.04 Flujo Luminaria=276.04

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	0.69	0.74	0.79	0.83	0.86	0.91	0.94	0.96	0.98	0.99	1.01	1.02
RC	-	-	-	-	-	-	-	-	-	-	-	-

Flujo Zonal por 1000 Lúmenes

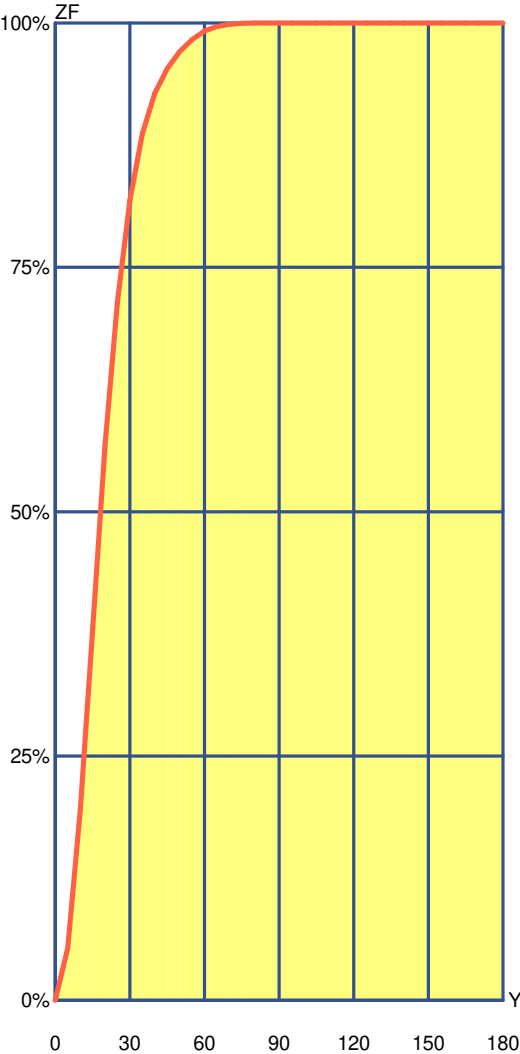
Y°	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
ZF(Y)	194	566	819	928	971	992	999	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000

Códigos de Flujo C.I.E.
94 99 100 100 100

C.I.E.
D DIN 5040
F UTE
B NBN
RN
BLF

-/-/-/-/-/-/-/-/-/-/-/
A60
1.00 A
BZ 1
0.00000 %
1.0

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



Flujo Zonal				
Gamma °	Flujo	Suma lm	Flujo [%]	Suma [%]
0°	0.00	0.00	0.00%	0.00 %
5°	53.23	53.23	5.32 %	5.32 %
10°	140.80	194.03	14.08 %	19.40 %
15°	186.36	380.39	18.64 %	38.04 %
20°	185.58	565.97	18.56 %	56.60 %
25°	148.02	713.98	14.80 %	71.40 %
30°	104.61	818.59	10.46 %	81.86 %
35°	68.16	886.75	6.82 %	88.67 %
40°	41.40	928.14	4.14 %	92.81 %
45°	25.45	953.59	2.55 %	95.36 %
50°	17.09	970.69	1.71 %	97.07 %
55°	12.46	983.14	1.25 %	98.31 %
60°	8.54	991.68	0.85 %	99.17 %
65°	4.69	996.38	0.47 %	99.64 %
70°	2.29	998.67	0.23 %	99.87 %
75°	0.90	999.57	0.09 %	99.96 %
80°	0.29	999.86	0.03 %	99.99 %
85°	0.10	999.97	0.01 %	100.00 %
90°	0.03	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 %

LEDS C4⁺

Luminaria

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Nombre KUBO SINGLE

Ensayo

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Utilización CIE

Montaje	Directo			Normalización			Normalizados			Raz. de Susp.			1/3	CIE Estándar									
Techo																							
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	167	150	98	89	142	85	95	81	54	46	33	25	18	12	43	26	23	14	11	22	12	11	0
0.80	200	183	106	98	174	94	125	109	63	56	42	33	25	18	52	35	31	21	18	30	18	16	0
1.00	222	207	107	100	197	96	149	133	69	62	48	40	32	25	58	41	38	28	24	36	24	22	0
1.25	245	231	108	102	219	98	174	158	74	67	55	47	40	32	63	48	44	35	30	42	31	28	0
1.50	262	249	108	103	237	99	194	179	78	72	60	52	46	38	68	53	50	41	36	48	37	34	0
2.00	285	274	104	101	261	98	225	210	81	77	68	61	56	48	73	61	58	51	46	56	47	43	0
2.50	300	291	102	99	278	96	247	233	83	80	73	67	64	56	76	67	64	59	54	61	54	51	0
3.00	311	303	99	97	289	94	263	251	85	82	77	71	69	62	78	71	68	65	60	66	60	57	0
4.00	328	321	99	97	307	95	287	276	88	86	83	78	77	71	82	77	75	73	69	73	69	65	0
5.00	339	333	99	98	319	96	302	293	91	89	87	83	83	77	85	82	80	78	75	77	74	71	0
10.00	363	360	99	99	345	97	337	332	96	95	95	93	95	91	92	92	91	91	89	88	88	85	0
20.00	376	374	100	100	360	99	357	354	100	99	100	99	101	99	96	97	97	98	97	94	95	93	0

Pared

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	298	288	211	207	284	204	223	217	165	161	138	135	119	117	159	135	134	118	117	134	117	116	94
0.80	331	321	224	219	314	216	255	247	180	176	155	151	135	133	174	151	149	133	132	148	132	131	105
1.00	346	336	221	217	326	213	272	263	182	178	159	155	141	138	175	155	153	138	137	151	136	135	105
1.25	362	352	220	217	340	212	290	280	185	182	165	160	148	144	177	159	157	144	142	155	142	139	107
1.50	372	363	218	214	349	210	303	293	186	183	168	163	152	148	178	161	160	148	145	156	144	142	106
2.00	373	364	198	195	348	190	309	299	173	170	158	154	146	141	163	151	149	141	138	145	136	132	93
2.50	366	359	177	175	340	170	308	298	157	154	146	142	136	131	148	138	136	130	127	131	124	119	78
3.00	356	349	157	155	329	150	302	292	140	137	131	127	123	118	130	123	121	116	113	115	110	104	61
4.00	350	344	138	136	321	131	300	292	124	122	118	114	112	107	114	108	107	104	101	100	96	90	44
5.00	342	337	121	120	313	115	295	288	110	108	105	102	101	97	99	95	94	92	90	87	84	77	29
10.00	287	284	48	48	257	42	249	244	41	40	40	38	39	36	30	29	29	29	27	19	19	10	0
20.00	180	178	0	0	148	0	146	143	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

P.Trab.

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	877	867	818	812	861	809	788	781	758	755	724	721	699	697	752	721	720	698	697	719	697	696	687
0.80	946	934	871	866	925	861	853	843	813	809	779	775	754	751	805	774	773	751	750	771	749	748	739
1.00	1000	993	916	911	980	905	912	902	863	858	832	826	807	803	853	825	823	803	801	821	801	798	790
1.25	1000	1000	950	946	1000	939	963	951	902	897	873	867	851	845	890	865	863	845	842	859	841	838	829
1.50	1000	1000	974	970	1000	963	1000	988	930	925	904	898	883	876	917	895	892	876	873	887	871	866	858
2.00	1000	1000	1000	1000	1000	999	1000	1000	974	970	954	948	937	930	960	943	940	928	924	933	921	914	907
2.50	1000	1000	1000	1000	1000	1000	1000	1000	998	998	980	973	965	965	987	973	971	962	958	963	953	945	938
3.00	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	998	991	1000	995	993	986	982	983	975	966	959
4.00	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	996	985	978
5.00	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	995	988
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: 0.564 SHR C90-C270: 0.564 SHR Superficial: 0.585

LEDS C4[®]

Luminaria

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Ensayo

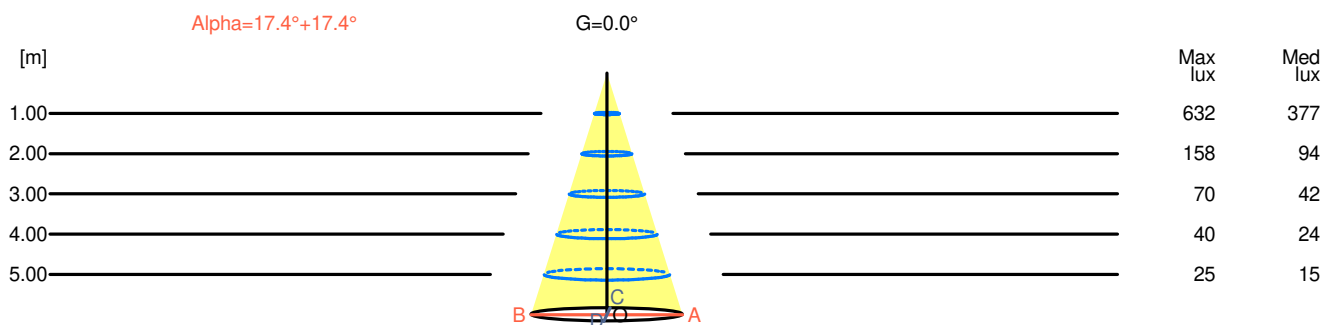
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Nombre KUBO SINGLE

Flujo Luminaria	276 lm	Potencia Luminaria	4.3 W	Eficacia	64.195 lm/W	Eficiencia	100.00%
Flujo Fuente	276 lm	Valor Máximo	2290.22 cd/klm	Posición	C=0.00 G=0.00	CG	Rotosimétrico

Apertura a 50.00 % de Max Intensidad

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	0.31	0.63	0.94	1.25	1.57	OC	0.31	0.63	0.94	1.25	1.57
OB	0.31	0.63	0.94	1.25	1.57	OD	0.31	0.63	0.94	1.25	1.57

	0	5	15	25	35	45	55	65	75	85
OA	632.19	595.77	377.81	149.29	46.47	14.48	6.47	1.84	0.25	0.03
OB	632.19	595.77	377.81	149.29	46.47	14.48	6.47	1.84	0.25	0.03
OC	632.19	595.77	377.81	149.29	46.47	14.48	6.47	1.84	0.25	0.03
OD	632.19	595.77	377.81	149.29	46.47	14.48	6.47	1.84	0.25	0.03



H[m]	D[m]	Max lux	Med lux	Alpha=17.4°+17.4°	G=0.0	
1.00	0.63	632	377			
2.00	1.25	158	94			
3.00	1.88	70	42			
4.00	2.51	40	24			
5.00	3.14	25	15			

LEDS C4[°]

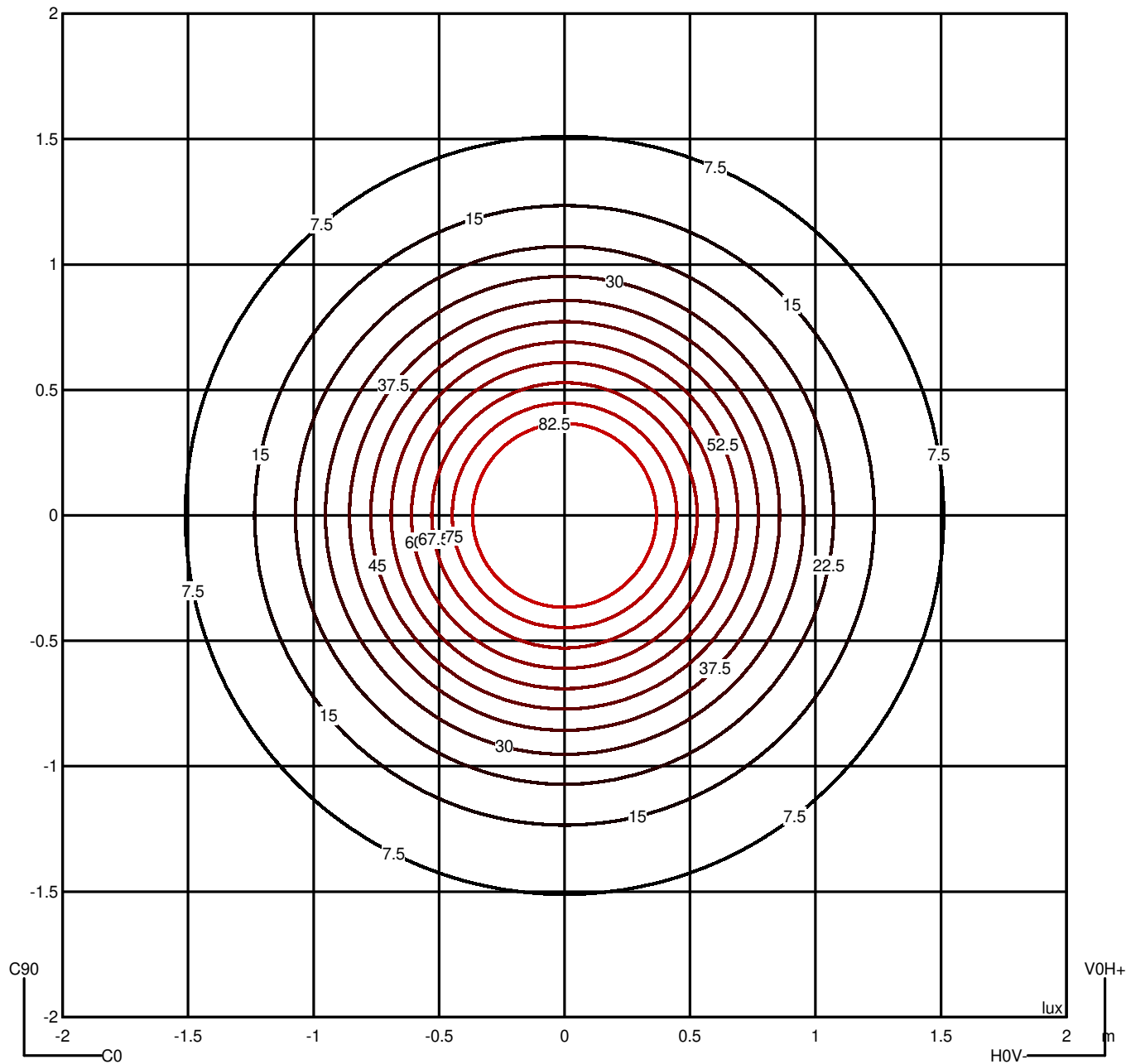
Luminaria

Código PX-0140-NEG
Nombre KUBO SINGLE
Ensayo
Código PX-0140-NEG
Nombre KUBO SINGLE

Flujo Luminaria	276 lm	Potencia Luminaria	4.3 W	Eficacia	64.195 lm/W	Eficiencia	100.00%
Flujo Fuente	276 lm	Valor Máximo	2290.22 cd/klm	Posición	C=0.00 G=0.00	CG	Rotosimétrico

Isolux (Suelo)

Posición Luminaria X=0.00m Y=0.00m Z=2.50m



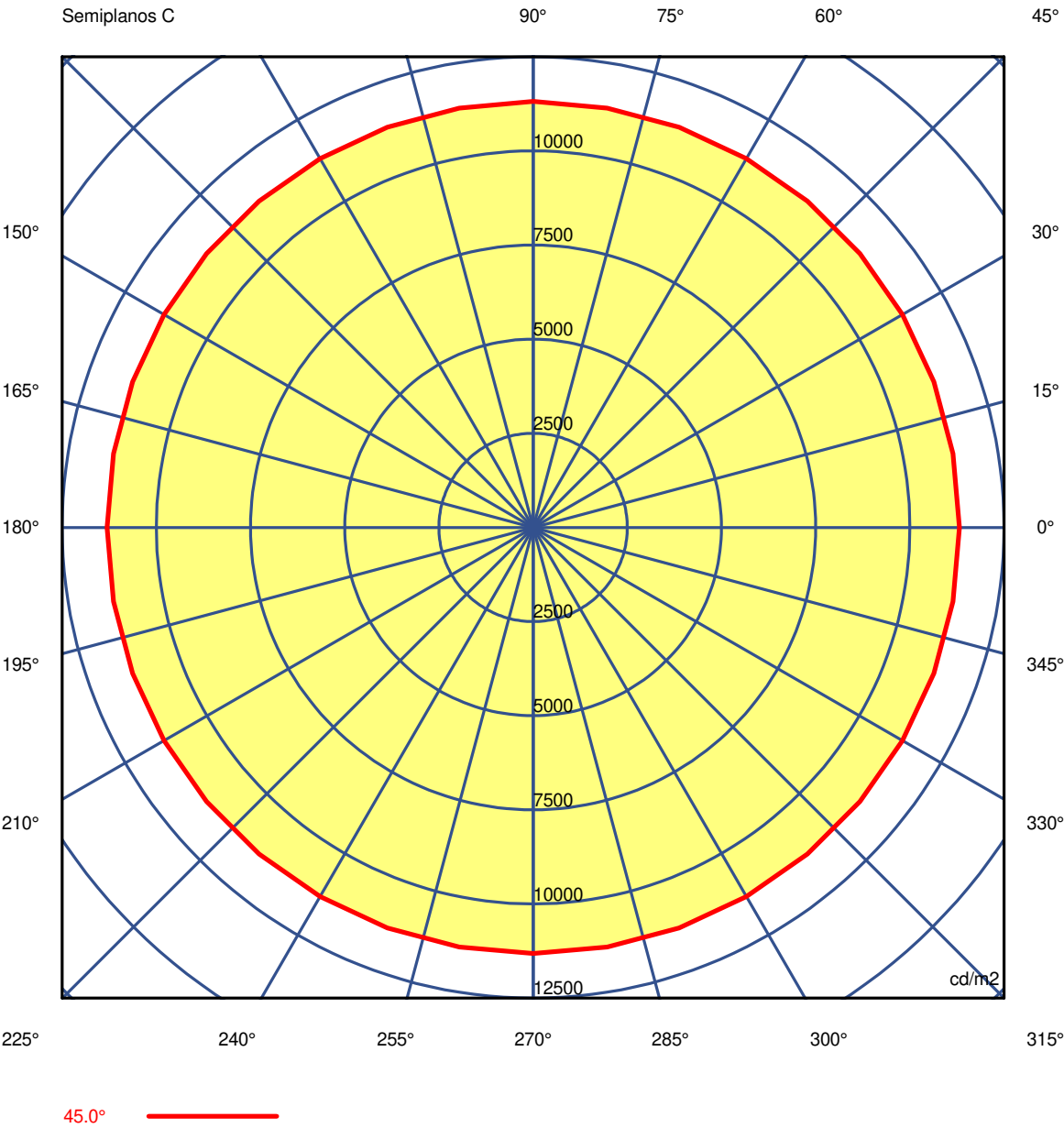
LEDS C4⁺

Luminaria

Código PX-0140-NEG
Nombre KUBO SINGLE
Ensayo
Código PX-0140-NEG
Nombre KUBO SINGLE

Flujo Luminaria	276 lm	Potencia Luminaria	4.3 W	Eficacia	64.195 lm/W	Eficiencia	100.00%
Flujo Fuente	276 lm	Valor Máximo	2290.22 cd/klm	Posición	C=0.00 G=0.00	CG	Rotosimétrico

Luminancia



LEDS C4⁺

Luminaria

Código PX-0140-NEG
Nombre KUBO SINGLE
Ensayo
Código PX-0140-NEG
Nombre KUBO SINGLE

Flujo Luminaria	276 lm	Potencia Luminaria	4.3 W	Eficacia	64.195 lm/W	Eficiencia	100.00%
Flujo Fuente	276 lm	Valor Máximo	2290.22 cd/klm	Posición	C=0.00 G=0.00	CG	Rotosimétrico

	Luminance cd/m2						Tabla 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	349363.53	349363.53	349363.53	349363.53	349363.53	349363.53	349363.53	349363.53	349363.53	349363.53	349363.53	349363.53	349363.53
G 5.0	330493.41	330493.41	330493.41	330493.41	330493.41	330493.41	330493.41	330493.41	330493.41	330493.41	330493.41	330493.41	330493.41
G 10.0	277879.13	277879.13	277879.13	277879.13	277879.13	277879.13	277879.13	277879.13	277879.13	277879.13	277879.13	277879.13	277879.13
G 15.0	216149.00	216149.00	216149.00	216149.00	216149.00	216149.00	216149.00	216149.00	216149.00	216149.00	216149.00	216149.00	216149.00
G 20.0	147089.53	147089.53	147089.53	147089.53	147089.53	147089.53	147089.53	147089.53	147089.53	147089.53	147089.53	147089.53	147089.53
G 25.0	91028.63	91028.63	91028.63	91028.63	91028.63	91028.63	91028.63	91028.63	91028.63	91028.63	91028.63	91028.63	91028.63
G 30.0	54430.93	54430.93	54430.93	54430.93	54430.93	54430.93	54430.93	54430.93	54430.93	54430.93	54430.93	54430.93	54430.93
G 35.0	31350.52	31350.52	31350.52	31350.52	31350.52	31350.52	31350.52	31350.52	31350.52	31350.52	31350.52	31350.52	31350.52
G 40.0	17903.86	17903.86	17903.86	17903.86	17903.86	17903.86	17903.86	17903.86	17903.86	17903.86	17903.86	17903.86	17903.86
G 45.0	11315.45	11315.45	11315.45	11315.45	11315.45	11315.45	11315.45	11315.45	11315.45	11315.45	11315.45	11315.45	11315.45
G 50.0	8090.98	8090.98	8090.98	8090.98	8090.98	8090.98	8090.98	8090.98	8090.98	8090.98	8090.98	8090.98	8090.98
G 55.0	6236.09	6236.09	6236.09	6236.09	6236.09	6236.09	6236.09	6236.09	6236.09	6236.09	6236.09	6236.09	6236.09
G 60.0	4020.35	4020.35	4020.35	4020.35	4020.35	4020.35	4020.35	4020.35	4020.35	4020.35	4020.35	4020.35	4020.35
G 65.0	2407.23	2407.23	2407.23	2407.23	2407.23	2407.23	2407.23	2407.23	2407.23	2407.23	2407.23	2407.23	2407.23
G 70.0	1264.86	1264.86	1264.86	1264.86	1264.86	1264.86	1264.86	1264.86	1264.86	1264.86	1264.86	1264.86	1264.86
G 75.0	531.49	531.49	531.49	531.49	531.49	531.49	531.49	531.49	531.49	531.49	531.49	531.49	531.49
G 80.0	270.49	270.49	270.49	270.49	270.49	270.49	270.49	270.49	270.49	270.49	270.49	270.49	270.49
G 85.0	183.41	183.41	183.41	183.41	183.41	183.41	183.41	183.41	183.41	183.41	183.41	183.41	183.41
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

LEDS C4⁺

Luminaria

Código PX-0140-NEG
Nombre KUBO SINGLE
Ensayo
Código PX-0140-NEG
Nombre KUBO SINGLE

Flujo Luminaria	276 lm	Potencia Luminaria	4.3 W	Eficacia	64.195 lm/W	Eficiencia	100.00%
Flujo Fuente	276 lm	Valor Máximo	2290.22 cd/klm	Posición	C=0.00 G=0.00	CG	Rotosimétrico

	Luminance cd/m2					Tabla 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	349363.53	349363.53	349363.53	349363.53	349363.53	349363.53	349363.53	349363.53	349363.53	349363.53	349363.53	349363.53	349363.53
G 5.0	330493.41	330493.41	330493.41	330493.41	330493.41	330493.41	330493.41	330493.41	330493.41	330493.41	330493.41	330493.41	330493.41
G 10.0	277879.13	277879.13	277879.13	277879.13	277879.13	277879.13	277879.13	277879.13	277879.13	277879.13	277879.13	277879.13	277879.13
G 15.0	216149.00	216149.00	216149.00	216149.00	216149.00	216149.00	216149.00	216149.00	216149.00	216149.00	216149.00	216149.00	216149.00
G 20.0	147089.53	147089.53	147089.53	147089.53	147089.53	147089.53	147089.53	147089.53	147089.53	147089.53	147089.53	147089.53	147089.53
G 25.0	91028.63	91028.63	91028.63	91028.63	91028.63	91028.63	91028.63	91028.63	91028.63	91028.63	91028.63	91028.63	91028.63
G 30.0	54430.93	54430.93	54430.93	54430.93	54430.93	54430.93	54430.93	54430.93	54430.93	54430.93	54430.93	54430.93	54430.93
G 35.0	31350.52	31350.52	31350.52	31350.52	31350.52	31350.52	31350.52	31350.52	31350.52	31350.52	31350.52	31350.52	31350.52
G 40.0	17903.86	17903.86	17903.86	17903.86	17903.86	17903.86	17903.86	17903.86	17903.86	17903.86	17903.86	17903.86	17903.86
G 45.0	11315.45	11315.45	11315.45	11315.45	11315.45	11315.45	11315.45	11315.45	11315.45	11315.45	11315.45	11315.45	11315.45
G 50.0	8090.98	8090.98	8090.98	8090.98	8090.98	8090.98	8090.98	8090.98	8090.98	8090.98	8090.98	8090.98	8090.98
G 55.0	6236.09	6236.09	6236.09	6236.09	6236.09	6236.09	6236.09	6236.09	6236.09	6236.09	6236.09	6236.09	6236.09
G 60.0	4020.35	4020.35	4020.35	4020.35	4020.35	4020.35	4020.35	4020.35	4020.35	4020.35	4020.35	4020.35	4020.35
G 65.0	2407.23	2407.23	2407.23	2407.23	2407.23	2407.23	2407.23	2407.23	2407.23	2407.23	2407.23	2407.23	2407.23
G 70.0	1264.86	1264.86	1264.86	1264.86	1264.86	1264.86	1264.86	1264.86	1264.86	1264.86	1264.86	1264.86	1264.86
G 75.0	531.49	531.49	531.49	531.49	531.49	531.49	531.49	531.49	531.49	531.49	531.49	531.49	531.49
G 80.0	270.49	270.49	270.49	270.49	270.49	270.49	270.49	270.49	270.49	270.49	270.49	270.49	270.49
G 85.0	183.41	183.41	183.41	183.41	183.41	183.41	183.41	183.41	183.41	183.41	183.41	183.41	183.41
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

LEDS C4[®]

Luminaria

Código PX-0140-NEG
Nombre KUBO SINGLE

Ensayo

Código PX-0140-NEG
Nombre KUBO SINGLE

Flujo Luminaria	276 lm	Potencia Luminaria		4.3 W		Eficacia	64.195 lm/W		Eficiencia		100.00%
Flujo Fuente	276 lm	Valor Máximo		2290.22 cd/klm		Posición	C=0.00 G=0.00		CG	Rotosimétrico	
Luminance cd/m2 Tabla 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	349363.53	349363.53	349363.53	349363.53	349363.53	349363.53	349363.53	349363.53	349363.53	349363.53	
G 5.0	330493.41	330493.41	330493.41	330493.41	330493.41	330493.41	330493.41	330493.41	330493.41	330493.41	
G 10.0	277879.13	277879.13	277879.13	277879.13	277879.13	277879.13	277879.13	277879.13	277879.13	277879.13	
G 15.0	216149.00	216149.00	216149.00	216149.00	216149.00	216149.00	216149.00	216149.00	216149.00	216149.00	
G 20.0	147089.53	147089.53	147089.53	147089.53	147089.53	147089.53	147089.53	147089.53	147089.53	147089.53	
G 25.0	91028.63	91028.63	91028.63	91028.63	91028.63	91028.63	91028.63	91028.63	91028.63	91028.63	
G 30.0	54430.93	54430.93	54430.93	54430.93	54430.93	54430.93	54430.93	54430.93	54430.93	54430.93	
G 35.0	31350.52	31350.52	31350.52	31350.52	31350.52	31350.52	31350.52	31350.52	31350.52	31350.52	
G 40.0	17903.86	17903.86	17903.86	17903.86	17903.86	17903.86	17903.86	17903.86	17903.86	17903.86	
G 45.0	11315.45	11315.45	11315.45	11315.45	11315.45	11315.45	11315.45	11315.45	11315.45	11315.45	
G 50.0	8090.98	8090.98	8090.98	8090.98	8090.98	8090.98	8090.98	8090.98	8090.98	8090.98	
G 55.0	6236.09	6236.09	6236.09	6236.09	6236.09	6236.09	6236.09	6236.09	6236.09	6236.09	
G 60.0	4020.35	4020.35	4020.35	4020.35	4020.35	4020.35	4020.35	4020.35	4020.35	4020.35	
G 65.0	2407.23	2407.23	2407.23	2407.23	2407.23	2407.23	2407.23	2407.23	2407.23	2407.23	
G 70.0	1264.86	1264.86	1264.86	1264.86	1264.86	1264.86	1264.86	1264.86	1264.86	1264.86	
G 75.0	531.49	531.49	531.49	531.49	531.49	531.49	531.49	531.49	531.49	531.49	
G 80.0	270.49	270.49	270.49	270.49	270.49	270.49	270.49	270.49	270.49	270.49	
G 85.0	183.41	183.41	183.41	183.41	183.41	183.41	183.41	183.41	183.41	183.41	
G 90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

LEDS C4[®]

Luminaria

Código PX-0140-NEG

Nombre KUBO SINGLE

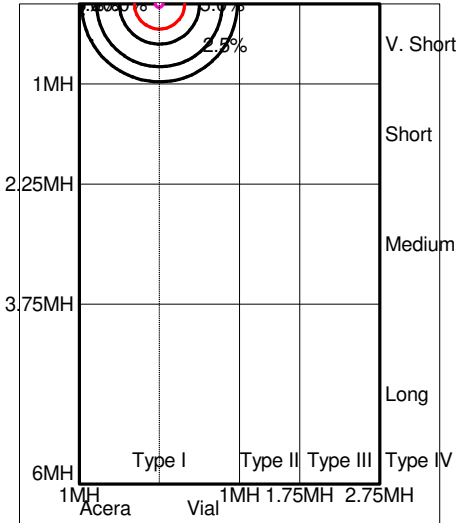
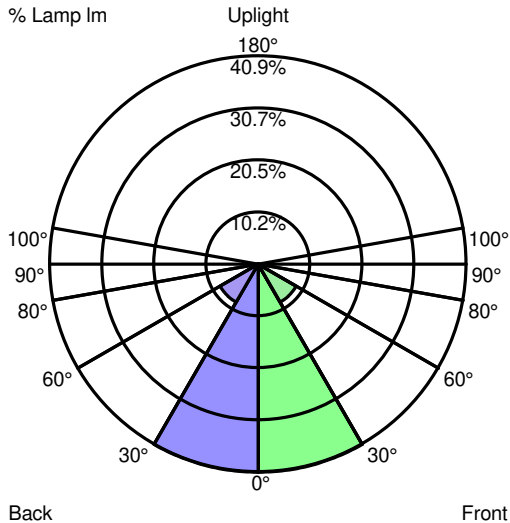
Ensayo

Código PX-0140-NEG

Nombre KUBO SINGLE

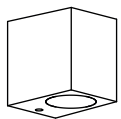
Flujo Luminaria	276 lm	Potencia Luminaria	4.3 W	Eficacia	64.195 lm/W	Eficiencia	100.00%
Flujo Fuente	276 lm	Valor Máximo	2290.22 cd/klm	Posición	C=0.00 G=0.00	CG	Rotosimétrico

US ROAD STANDARDS



Luminaire Classification System (LCS)

LCS Zone		Lumens	%Lamp	%Lum
FL	0° -- 30°	113.0 lm	40.9 %	40.9 %
FM	30° -- 60°	23.9 lm	8.7 %	8.7 %
FH	60° -- 80°	1.1 lm	0.4 %	0.4 %
FVH	80° -- 90°	0.0 lm	0.0 %	0.0 %
BL	0° -- 30°	113.0 lm	40.9 %	40.9 %
BM	30° -- 60°	23.9 lm	8.7 %	8.7 %
BH	60° -- 80°	1.1 lm	0.4 %	0.4 %
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		276.0 lm	100.0 %	100.0 %
BUG B1 U0 G0 Type V Very Short Quadrilateral Symmetry				



Kubo
PX-0140

FOR
LIGHT

