

LEDS C4[®]

Luminaire

Code 10-E013-J6-CLV1
Name JUNCUS

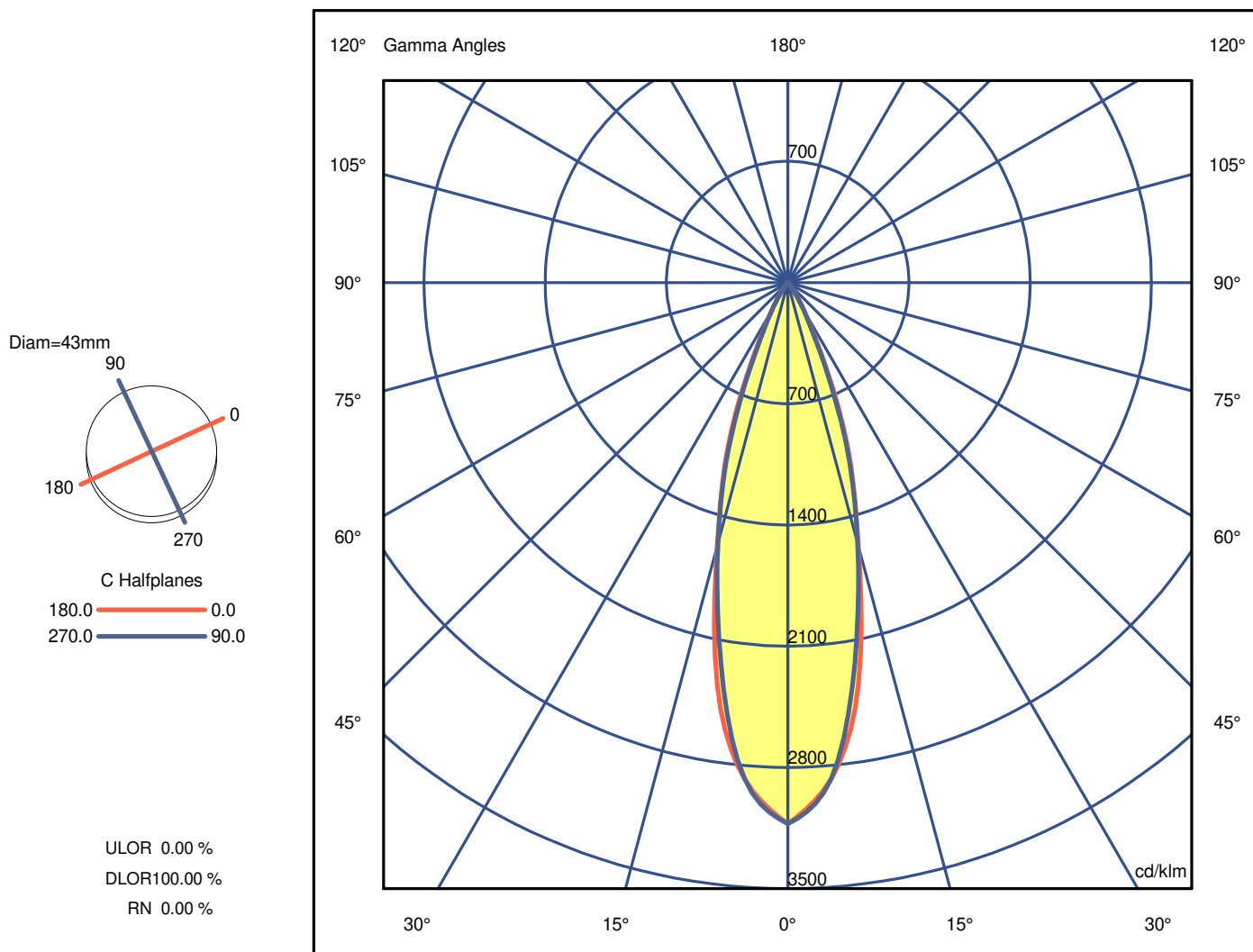
Measurum.

Code 10-E013-J6-CLV1
Name JUNCUS

Luminaire Flux	417.96 lm	Luminaire Power	8.77 W	Efficacy	47.66 lm/W	Efficiency	100.00%
Sources Flux	417.96 lm	Maximum value	3125.30 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical
Round Luminaire		Diam.	43 mm	Height	130 mm		
Round Luminous Area		Diam.	38 mm	Height	0 mm		
Horizontal Luminous Area			0.001134 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°			0.000274 m2
Coordinate system		CG		Symmetry Type		Double Symmetrical	
Date		18-10-2017		Maximum Gamma Angle		90	
Measurement Distance		0.00		Measurement Flux		417.96 lm	
Operator		qualitat		Rated Voltage			
Temperature		25.00 °C		Rated Current			
Humidity		60.00 %		Photocell			
Notes							

Luminaire Lamps

Line	Code	Name	Flux [lm]	Pow. [W]	Q.ty
	10-E013-J6-CLV1	10-E013-J6-CL	417.96	8.77	1
C.I.E.	99 100 100 100 100	D DIN 5040	A60		
F UTE	--	B NBN	BZ 1		



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Measurem.

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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	3125.30	3125.30	3125.30	3125.30	3125.30	3125.30	3125.30
G 5.0	2875.03	2880.89	2889.77	2874.00	2886.27	2872.07	2874.67
G 10.0	2351.17	2310.71	2355.21	2281.56	2313.77	2296.07	2228.53
G 15.0	1574.59	1589.81	1577.27	1564.90	1569.31	1531.62	1558.48
G 20.0	1013.63	1001.07	1013.16	979.98	990.24	977.06	976.32
G 25.0	471.76	443.76	450.86	434.05	447.62	413.15	431.05
G 30.0	194.87	190.95	195.16	185.56	186.42	180.38	181.26
G 35.0	79.90	74.69	79.22	73.29	78.01	69.35	75.69
G 40.0	21.78	21.34	23.00	21.32	23.06	20.86	23.41
G 45.0	9.51	9.34	9.68	9.34	9.82	9.43	9.76
G 50.0	5.68	5.77	5.90	5.74	5.94	5.82	6.01
G 55.0	3.82	3.83	3.93	3.79	3.91	3.80	3.88
G 60.0	2.80	2.99	2.90	2.90	2.94	2.79	2.79
G 65.0	2.22	2.33	2.27	2.19	2.19	2.20	2.17
G 70.0	1.71	1.80	1.79	1.74	1.80	1.74	1.76
G 75.0	1.25	1.35	1.35	1.28	1.32	1.30	1.33
G 80.0	0.99	1.04	1.03	0.97	1.05	1.02	1.05
G 85.0	0.69	0.75	0.78	0.73	0.78	0.77	0.74
G 90.0	0.48	0.56	0.58	0.52	0.53	0.55	0.54

LEDS C4²

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Measur.

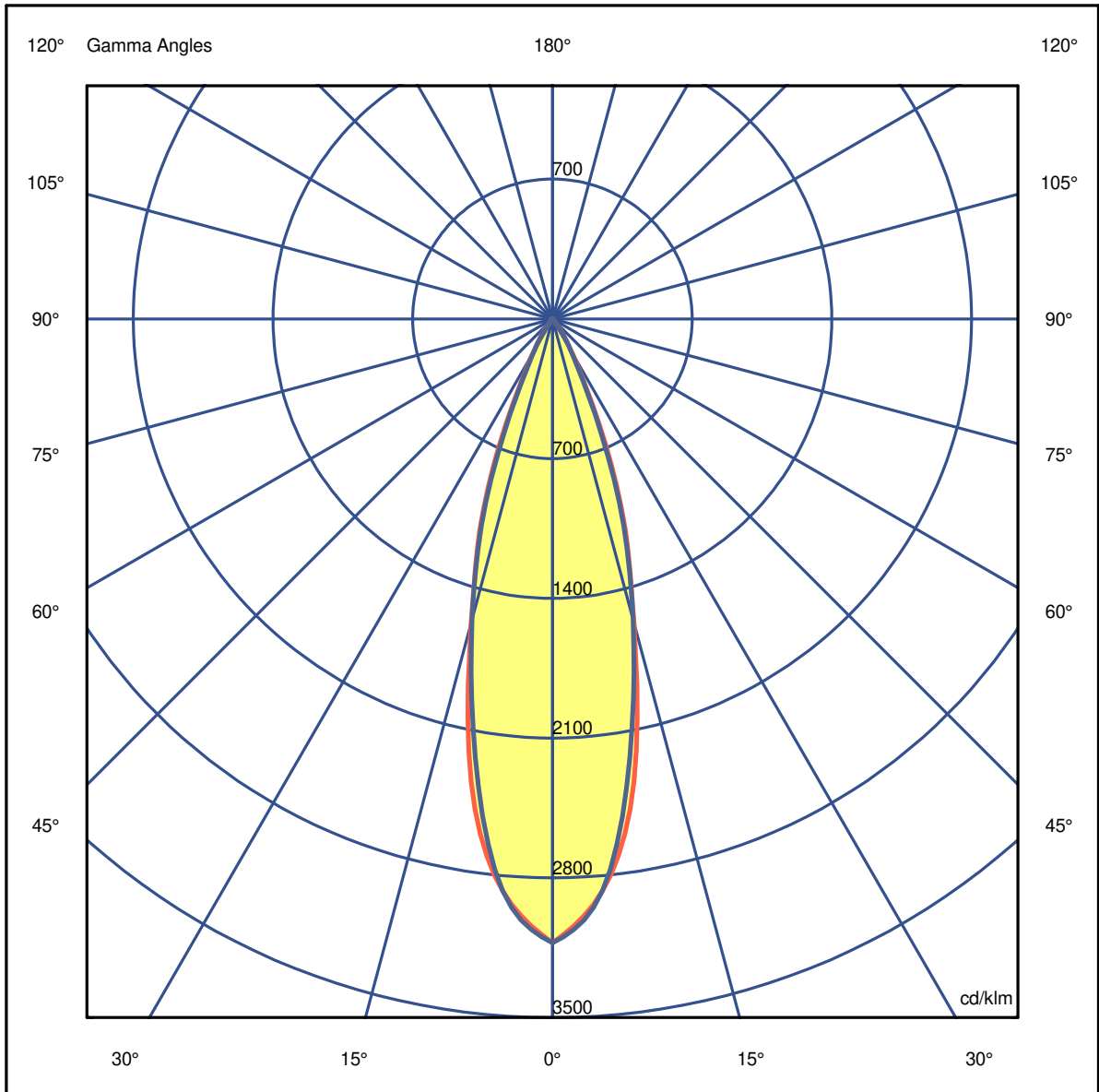
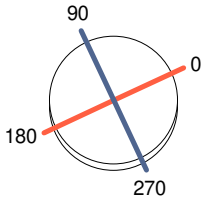
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Sources Flux	417.96 lm	Maximum value	3125.30 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Diam=43mm

C Halfplanes

180.0 ———— 0.0
270.0 ———— 90.0



LEDS C4[®]

Luminaire

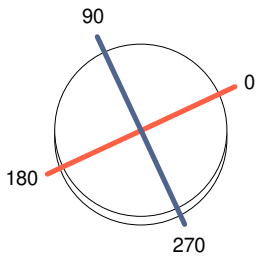
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Measurem.

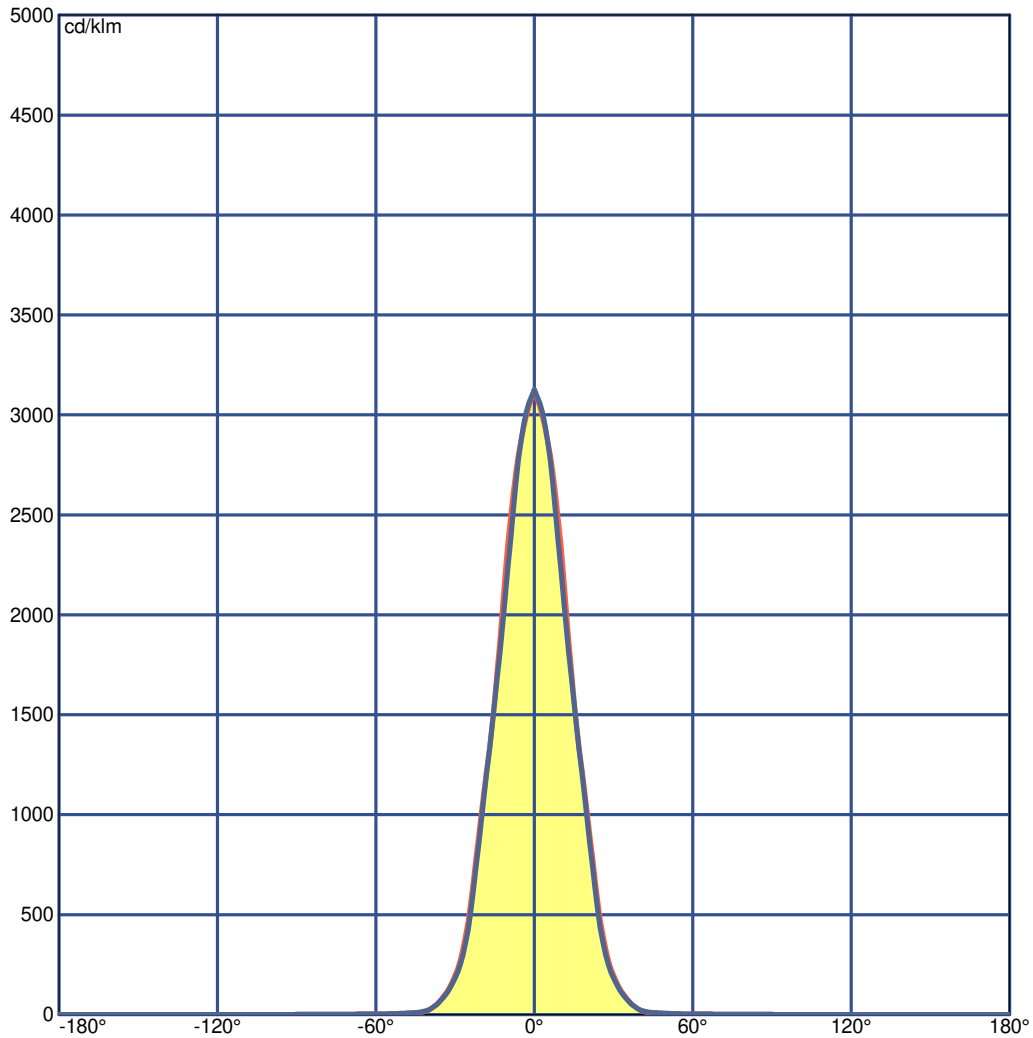
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Diam=43mm



C Halfplanes



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Measurement

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Sources Flux	417.96 lm	Maximum value	3125.30 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

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
WorkingPlane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
RoomDimensions	Viewed Crosswise					Viewed Endwise				
x=2H y=2H	10.9	11.5	11.1	11.7	11.9	10.7	11.3	10.9	11.5	11.7
x=2H y=3H	10.9	11.5	11.2	11.7	11.9	10.7	11.2	10.9	11.5	11.7
x=2H y=4H	10.9	11.5	11.2	11.7	12.0	10.7	11.2	11.0	11.5	11.8
x=2H y=6H	11.0	11.5	11.3	11.7	12.0	10.8	11.3	11.1	11.5	11.8
x=2H y=8H	11.0	11.5	11.3	11.8	12.1	10.8	11.3	11.1	11.6	11.9
x=2H y=12H	11.0	11.5	11.4	11.8	12.1	10.9	11.3	11.2	11.6	11.9
x=4H y=2H	10.7	11.3	11.0	11.5	11.8	10.5	11.1	10.8	11.3	11.6
x=4H y=3H	10.8	11.3	11.2	11.6	11.9	10.6	11.1	11.0	11.4	11.7
x=4H y=4H	10.9	11.3	11.3	11.6	12.0	10.7	11.1	11.1	11.4	11.8
x=4H y=6H	11.0	11.4	11.4	11.7	12.1	10.8	11.2	11.2	11.5	11.9
x=4H y=8H	11.1	11.4	11.5	11.8	12.2	10.9	11.2	11.3	11.6	12.0
x=4H y=12H	11.2	11.5	11.7	11.9	12.3	11.1	11.3	11.5	11.7	12.1
x=8H y=4H	10.9	11.2	11.3	11.6	12.0	10.7	11.0	11.1	11.4	11.8
x=8H y=6H	11.1	11.3	11.5	11.7	12.2	10.9	11.1	11.4	11.5	12.0
x=8H y=8H	11.2	11.4	11.7	11.9	12.3	11.1	11.3	11.5	11.7	12.2
x=8H y=12H	11.4	11.6	11.9	12.0	12.5	11.3	11.4	11.8	11.9	12.4
x=12H y=4H	10.9	11.1	11.3	11.5	11.9	10.7	10.9	11.1	11.3	11.7
x=12H y=6H	11.1	11.3	11.6	11.7	12.2	10.9	11.1	11.4	11.5	12.0
x=12H y=8H	11.3	11.4	11.8	11.9	12.4	11.1	11.3	11.6	11.7	12.2

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Sources Flux	417.96 lm	Maximum value	3125.30 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Total Flux=417.96 Luminaire Flux=417.96

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	0.73	0.78	0.82	0.86	0.88	0.92	0.95	0.97	0.99	1.00	1.02	1.02
RC	-	-	-	-	-	-	-	-	-	-	-	-

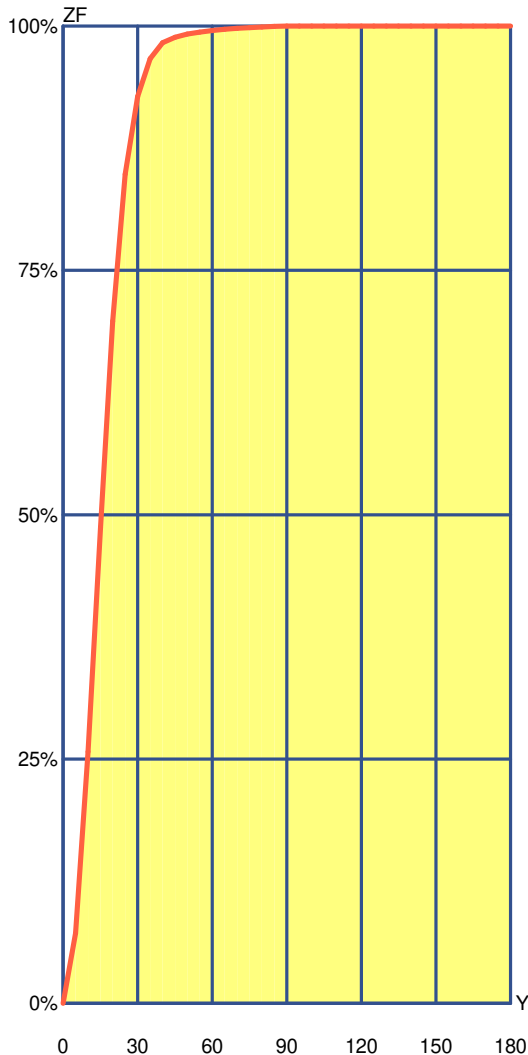
Zonal Flux per 1000 Lumen

Y°	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
ZF(Y)	257	698	928	983	992	995	998	999	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000

CIE Flux Codes

99 100 100 100 100

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 %



Gamma °	Zonal Flux			
	Flux	Sum lm	Flux [%]	Sum [%]
0°	0.00	0.00	0.00%	0.00 %
5°	71.79	71.79	7.18 %	7.18 %
10°	185.57	257.36	18.56 %	25.74 %
15°	229.83	487.19	22.98 %	48.72 %
20°	210.92	698.11	21.09 %	69.81 %
25°	150.28	848.40	15.03 %	84.84 %
30°	79.46	927.86	7.95 %	92.79 %
35°	38.75	966.61	3.88 %	96.66 %
40°	16.25	982.86	1.63 %	98.29 %
45°	5.85	988.71	0.58 %	98.87 %
50°	3.11	991.81	0.31 %	99.18 %
55°	2.11	993.92	0.21 %	99.39 %
60°	1.56	995.48	0.16 %	99.55 %
65°	1.24	996.72	0.12 %	99.67 %
70°	1.01	997.73	0.10 %	99.77 %
75°	0.80	998.54	0.08 %	99.85 %
80°	0.62	999.16	0.06 %	99.92 %
85°	0.48	999.65	0.05 %	99.96 %
90°	0.35	1000.00	0.04 %	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 %

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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	161	144	90	81	137	77	94	80	50	43	31	24	18	12	40	25	22	14	12	21	12	11	0																		
0.80	194	178	98	91	169	87	123	108	60	52	40	32	25	19	49	33	30	21	18	29	18	16	0																		
1.00	217	202	100	93	192	89	147	131	65	58	47	38	32	25	55	40	36	28	24	35	24	22	0																		
1.25	241	226	102	96	216	92	173	157	70	64	54	46	40	32	61	47	43	35	31	41	31	28	0																		
1.50	258	245	102	98	234	94	193	178	75	69	59	51	46	38	65	52	49	41	37	47	37	34	0																		
2.00	282	271	100	96	258	93	224	210	79	74	67	60	56	49	70	60	57	51	47	55	47	43	0																		
2.50	298	288	97	95	275	92	246	233	81	77	72	66	64	57	74	66	63	59	55	61	55	51	0																		
3.00	309	300	95	93	287	91	263	251	83	80	76	70	70	63	76	70	68	65	61	65	61	57	0																		
4.00	326	319	96	94	305	92	286	276	87	84	82	77	78	72	81	77	75	73	69	72	69	65	0																		
5.00	337	331	96	95	317	93	302	293	89	87	86	82	83	78	84	81	79	79	75	77	75	71	0																		
10.00	361	358	97	96	343	94	337	332	95	94	95	93	95	92	91	91	90	91	89	88	88	85	0																		
20.00	374	373	98	98	358	97	357	354	98	98	100	99	102	100	95	97	96	99	97	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	278	269	188	184	264	182	208	202	147	143	123	120	106	104	142	120	119	104	103	119	104	103	80
0.80	310	301	201	196	293	193	239	231	161	158	138	135	121	118	155	135	133	119	118	132	118	116	90
1.00	325	315	198	194	306	190	255	246	162	159	142	138	126	122	155	137	136	123	121	134	121	119	89
1.25	341	331	197	194	320	190	273	263	166	162	147	143	132	128	158	142	140	129	126	138	126	124	91
1.50	352	342	195	192	329	188	286	275	167	163	150	145	136	132	158	144	142	132	129	139	128	125	90
2.00	352	343	175	173	327	168	291	281	153	150	140	136	129	124	144	133	131	124	121	127	119	115	76
2.50	344	337	154	152	318	147	288	279	136	133	126	122	118	113	126	118	117	111	108	112	106	101	59
3.00	332	325	132	130	305	125	280	271	117	114	109	105	103	98	107	101	99	96	93	94	89	84	41
4.00	323	317	110	109	295	103	275	267	98	96	93	89	88	84	88	84	82	80	78	76	73	66	21
5.00	312	307	90	89	283	84	267	260	80	79	77	74	74	69	70	67	66	65	62	59	57	49	2
10.00	239	236	0	0	209	0	202	197	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20.00	104	102	0	0	73	0	72	69	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	910	900	849	844	894	841	826	820	795	792	765	762	743	741	790	762	761	742	741	760	741	740	732
0.80	971	960	895	889	951	885	883	874	842	838	812	808	789	786	835	807	806	787	785	804	785	783	775
1.00	1000	1000	935	930	1000	925	938	928	887	883	859	854	838	833	878	853	851	834	832	849	831	829	821
1.25	1000	1000	965	961	1000	955	984	972	922	917	896	890	875	870	910	888	886	870	867	882	866	863	855
1.50	1000	1000	987	982	1000	975	1000	1000	946	942	923	917	904	897	934	914	911	897	894	906	892	887	880
2.00	1000	1000	1000	1000	1000	1000	1000	1000	987	983	969	962	954	946	973	958	955	945	941	948	937	931	924
2.50	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	999	993	987	980	998	986	984	976	972	976	967	959	953
3.00	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	999	995	995	989	979	973
4.00	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	996	990
5.00	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	999
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: 0.499 SHR C90-C270: 0.489 SHR Square: 0.526

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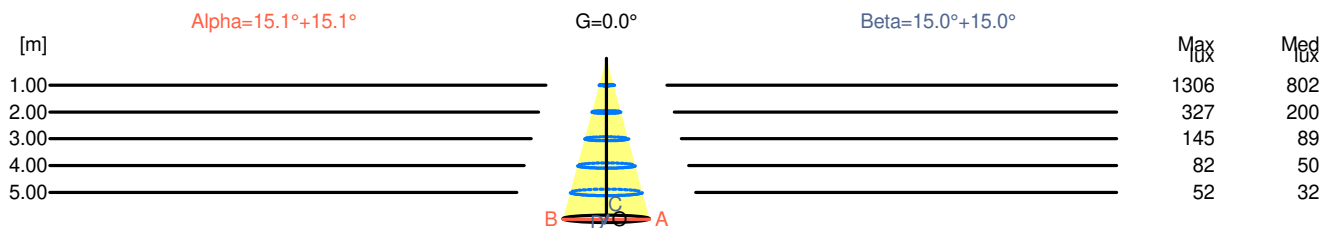
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Width at 50.00 % of Max Intensity

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	0.27	0.54	0.81	1.08	1.35	OC	0.27	0.53	0.80	1.07	1.34
OB	0.27	0.54	0.81	1.08	1.35	OD	0.27	0.53	0.80	1.07	1.34

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	1306.25	1201.65	658.12	197.18	33.40	3.97	1.59	0.93	0.52	0.29
OB	1306.25	1201.65	658.12	197.18	33.40	3.97	1.59	0.93	0.52	0.29
OC	1306.25	1201.50	651.38	180.16	31.64	4.08	1.62	0.91	0.55	0.31
OD	1306.25	1201.50	651.38	180.16	31.64	4.08	1.62	0.91	0.55	0.31



H[m]	D[m]	Max lux	Med lux	Alpha=15.1°+15.1°	G=0.0
1.00	0.54	1306	802		
2.00	1.08	327	200		
3.00	1.62	145	89		
4.00	2.16	82	50		
5.00	2.70	52	32		

H[m]	D[m]	Max lux	Med lux	Beta=15.0°+15.0°	G=0.0
1.00	0.53	1306	802		
2.00	1.07	327	200		
3.00	1.60	145	89		
4.00	2.14	82	50		
5.00	2.67	52	32		

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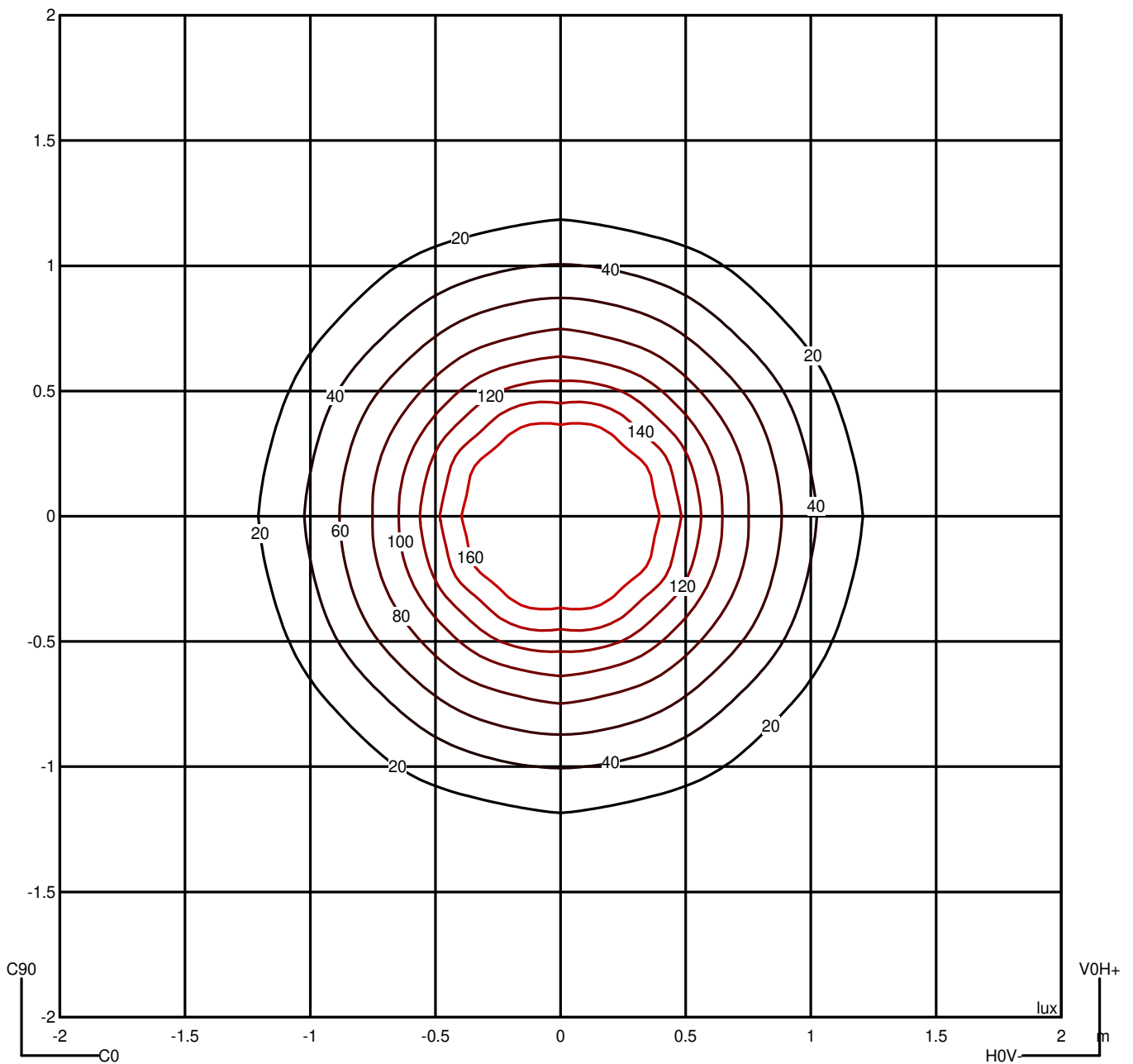
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Code 10-E013-J6-CLV1
Name JUNCUS

Luminaire Flux	417.96 lm	Luminaire Power	8.77 W	Efficacy	47.66 lm/W	Efficiency	100.00%
Sources Flux	417.96 lm	Maximum value	3125.30 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



LEDS C4²

Luminaire

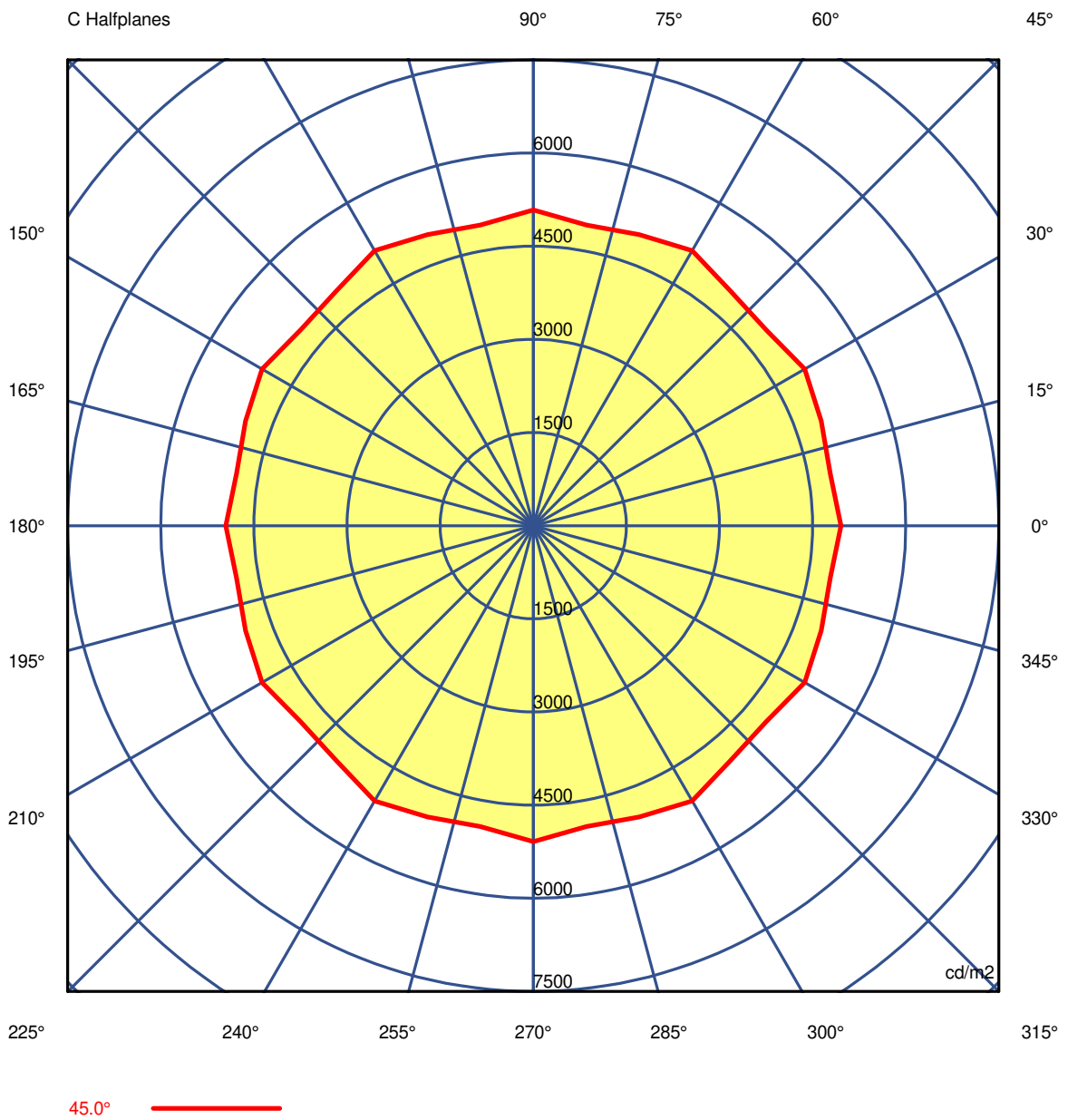
Code 10-E013-J6-CLV1
Name JUNCUS

Measurem.

Code 10-E013-J6-CLV1
Name JUNCUS

Luminaire Flux	417.96 lm	Luminaire Power	8.77 W	Efficacy	47.66 lm/W	Efficiency	100.00%
Sources Flux	417.96 lm	Maximum value	3125.30 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Luminance



LEDS C4⁺

Luminaire

Code 10-E013-J6-CLV1
Name JUNCUS

Measurement

Code 10-E013-J6-CLV1
Name JUNCUS

Luminaire Flux	417.96 lm	Luminaire Power	8.77 W	Efficacy	47.66 lm/W	Efficiency	100.00%
Sources Flux	417.96 lm	Maximum value	3125.30 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	1151780.15	1151780.15	1151780.15	1151780.15	1151780.15	1151780.15	1151780.15	1151780.15	1151780.15	1151780.15	1151780.15	1151780.15	1151780.15
G 5.0	1063594.15	1064590.98	1067513.95	1069047.80	1064564.28	1064285.62	1067751.35	1064540.96	1061851.91	1063459.91	1061851.91	1064540.96	1067751.35
G 10.0	879852.68	865120.45	871049.97	881363.59	862300.72	854117.47	865855.85	864825.87	851781.58	833958.60	851781.58	864825.87	865855.85
G 15.0	600762.09	605597.48	605987.96	601783.21	597447.60	597625.31	598747.37	588268.48	584870.22	594613.32	584870.22	588268.48	598747.37
G 20.0	397530.73	392675.15	394781.37	397345.88	388146.82	384380.84	388359.92	385422.64	383092.54	382896.86	383092.54	385422.64	388359.92
G 25.0	191833.24	182430.96	181162.36	183335.06	177933.37	178408.10	182017.67	172404.28	167680.43	175280.13	167680.43	172404.28	182017.67
G 30.0	82927.79	81277.87	82015.77	83049.44	80250.14	78768.73	79331.44	77657.23	76469.09	77132.87	76469.09	77657.23	79331.44
G 35.0	35947.47	33775.41	34322.06	35639.39	33615.11	33583.55	35094.32	32424.96	31278.29	34052.70	31278.29	32424.96	35094.32
G 40.0	10479.96	10176.16	10582.77	11066.34	10439.17	10494.83	11091.97	10354.03	10152.41	11261.89	10152.41	10354.03	11091.97
G 45.0	4956.50	4855.46	4933.97	5044.34	4901.27	4935.51	5117.58	4987.81	4918.59	5087.07	4918.59	4987.81	5117.58
G 50.0	3256.67	3282.33	3346.14	3384.60	3308.91	3318.58	3402.84	3359.93	3350.12	3447.63	3350.12	3359.93	3402.84
G 55.0	2451.22	2457.44	2490.33	2526.40	2459.73	2454.43	2510.42	2467.86	2442.11	2490.25	2442.11	2467.86	2510.42
G 60.0	2065.53	2179.24	2192.98	2134.34	2125.32	2159.51	2166.88	2090.34	2040.54	2059.95	2040.54	2090.34	2166.88
G 65.0	1931.55	2015.41	2032.34	1983.18	1929.00	1902.73	1906.89	1920.15	1917.80	1896.51	1917.80	1920.15	1906.89
G 70.0	1846.24	1918.23	1948.12	1924.93	1881.17	1894.84	1934.79	1898.19	1872.18	1898.87	1872.18	1898.19	1934.79
G 75.0	1774.43	1880.42	1938.62	1919.00	1838.77	1826.72	1873.90	1856.36	1847.84	1887.32	1847.84	1856.36	1873.90
G 80.0	2111.46	2177.91	2217.65	2185.42	2075.83	2102.62	2222.07	2184.88	2160.62	2238.24	2160.62	2184.88	2222.07
G 85.0	2913.15	3074.29	3251.08	3315.40	3135.51	3112.03	3282.42	3293.04	3213.16	3133.45	3213.16	3293.04	3282.42
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⁺

Luminaire

Code 10-E013-J6-CLV1

Name JUNCUS

Measurement

Code 10-E013-J6-CLV1

Name JUNCUS

Luminaire Flux	417.96 lm	Luminaire Power	8.77 W	Efficacy	47.66 lm/W	Efficiency	100.00%
Sources Flux	417.96 lm	Maximum value	3125.30 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	1151780.15	1151780.15	1151780.15	1151780.15	1151780.15	1151780.15	1151780.15	1151780.15	1151780.15	1151780.15	1151780.15	1151780.15	1151780.15
G 5.0	1064285.62	1064564.28	1069047.80	1067513.95	1064590.98	1063594.15	1064590.98	1067513.95	1069047.80	1064564.28	1064285.62	1067751.35	1064540.96
G 10.0	854117.47	862300.72	881363.59	871049.97	865120.45	879852.68	865120.45	871049.97	881363.59	862300.72	854117.47	865855.85	864825.87
G 15.0	597625.31	597447.60	601783.21	605987.96	605597.48	600762.09	605597.48	605987.96	601783.21	597447.60	597625.31	598747.37	588268.48
G 20.0	384380.84	388146.82	397345.88	394781.37	392675.15	397530.73	392675.15	394781.37	397345.88	388146.82	384380.84	388359.92	385422.64
G 25.0	178408.10	177933.37	183335.06	181162.36	182430.96	191833.24	182430.96	181162.36	183335.06	177933.37	178408.10	182017.67	172404.28
G 30.0	78768.73	80250.14	83049.44	82015.77	81277.87	82927.79	81277.87	82015.77	83049.44	80250.14	78768.73	79331.44	77657.23
G 35.0	33583.55	33615.11	35639.39	34322.06	33775.41	35947.47	33775.41	34322.06	35639.39	33615.11	33583.55	35094.32	32424.96
G 40.0	10494.83	10439.17	11066.34	10582.77	10176.16	10479.96	10176.16	10582.77	11066.34	10439.17	10494.83	11091.97	10354.03
G 45.0	4935.51	4901.27	5044.34	4933.97	4855.46	4956.50	4855.46	4933.97	5044.34	4901.27	4935.51	5117.58	4987.81
G 50.0	3318.58	3308.91	3384.60	3346.14	3282.33	3256.67	3282.33	3346.14	3384.60	3308.91	3318.58	3402.84	3359.93
G 55.0	2454.43	2459.73	2526.40	2490.33	2457.44	2451.22	2457.44	2490.33	2526.40	2459.73	2454.43	2510.42	2467.86
G 60.0	2159.51	2125.32	2134.34	2192.98	2179.24	2065.53	2179.24	2192.98	2134.34	2125.32	2159.51	2166.88	2090.34
G 65.0	1902.73	1929.00	1983.18	2032.34	2015.41	1931.55	2015.41	2032.34	1983.18	1929.00	1902.73	1906.89	1920.15
G 70.0	1894.84	1881.17	1924.93	1948.12	1918.23	1846.24	1918.23	1948.12	1924.93	1881.17	1894.84	1934.79	1898.19
G 75.0	1826.72	1838.77	1919.00	1938.62	1880.42	1774.43	1880.42	1938.62	1919.00	1838.77	1826.72	1873.90	1856.36
G 80.0	2102.62	2075.83	2185.42	2217.65	2177.91	2111.46	2177.91	2217.65	2185.42	2075.83	2102.62	2222.07	2184.88
G 85.0	3112.03	3135.51	3315.40	3251.08	3074.29	2913.15	3074.29	3251.08	3315.40	3135.51	3112.03	3282.42	3293.04
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[®]

Luminaire

Code 10-E013-J6-CLV1
Name JUNCUS

Measurem.

Code 10-E013-J6-CLV1
Name JUNCUS

Luminaire Flux	417.96 lm	Luminaire Power	8.77 W	Efficacy	47.66 lm/W	Efficiency	100.00%
Sources Flux	417.96 lm	Maximum value	3125.30 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	1151780.15	1151780.15	1151780.15	1151780.15	1151780.15	1151780.15	1151780.15	1151780.15	1151780.15	1151780.15
G 5.0	1061851.91	1063459.91	1061851.91	1064540.96	1067751.35	1064285.62	1064564.28	1069047.80	1067513.95	1064590.98
G 10.0	851781.58	833958.60	851781.58	864825.87	865855.85	854117.47	862300.72	881363.59	871049.97	865120.45
G 15.0	584870.22	594613.32	584870.22	588268.48	598747.37	597625.31	597447.60	601783.21	605987.96	605597.48
G 20.0	383092.54	382896.86	383092.54	385422.64	388359.92	384380.84	388146.82	397345.88	394781.37	392675.15
G 25.0	167680.43	175280.13	167680.43	172404.28	182017.67	178408.10	177933.37	183335.06	181162.36	182430.96
G 30.0	76469.09	77132.87	76469.09	77657.23	79331.44	78768.73	80250.14	83049.44	82015.77	81277.87
G 35.0	31278.29	34052.70	31278.29	32424.96	35094.32	33583.55	33615.11	35639.39	34322.06	33775.41
G 40.0	10152.41	11261.89	10152.41	10354.03	11091.97	10494.83	10439.17	11066.34	10582.77	10176.16
G 45.0	4918.59	5087.07	4918.59	4987.81	5117.58	4935.51	4901.27	5044.34	4933.97	4855.46
G 50.0	3350.12	3447.63	3350.12	3359.93	3402.84	3318.58	3308.91	3384.60	3346.14	3282.33
G 55.0	2442.11	2490.25	2442.11	2467.86	2510.42	2454.43	2459.73	2526.40	2490.33	2457.44
G 60.0	2040.54	2059.95	2040.54	2090.34	2166.88	2159.51	2125.32	2134.34	2192.98	2179.24
G 65.0	1917.80	1896.51	1917.80	1920.15	1906.89	1902.73	1929.00	1983.18	2032.34	2015.41
G 70.0	1872.18	1898.87	1872.18	1898.19	1934.79	1894.84	1881.17	1924.93	1948.12	1918.23
G 75.0	1847.84	1887.32	1847.84	1856.36	1873.90	1826.72	1838.77	1919.00	1938.62	1880.42
G 80.0	2160.62	2238.24	2160.62	2184.88	2222.07	2102.62	2075.83	2185.42	2217.65	2177.91
G 85.0	3213.16	3133.45	3213.16	3293.04	3282.42	3112.03	3135.51	3315.40	3251.08	3074.29
G 90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00