

Luminaire

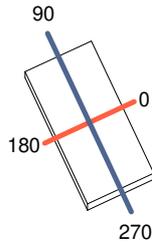
Code 90726L260
Name CORA /E L60W30 2 BOPTICS K3 830 LO

Measurem.

Code 28/7/2023
Name CORA /E L60W30 2 BOPTICS K3 830 LO

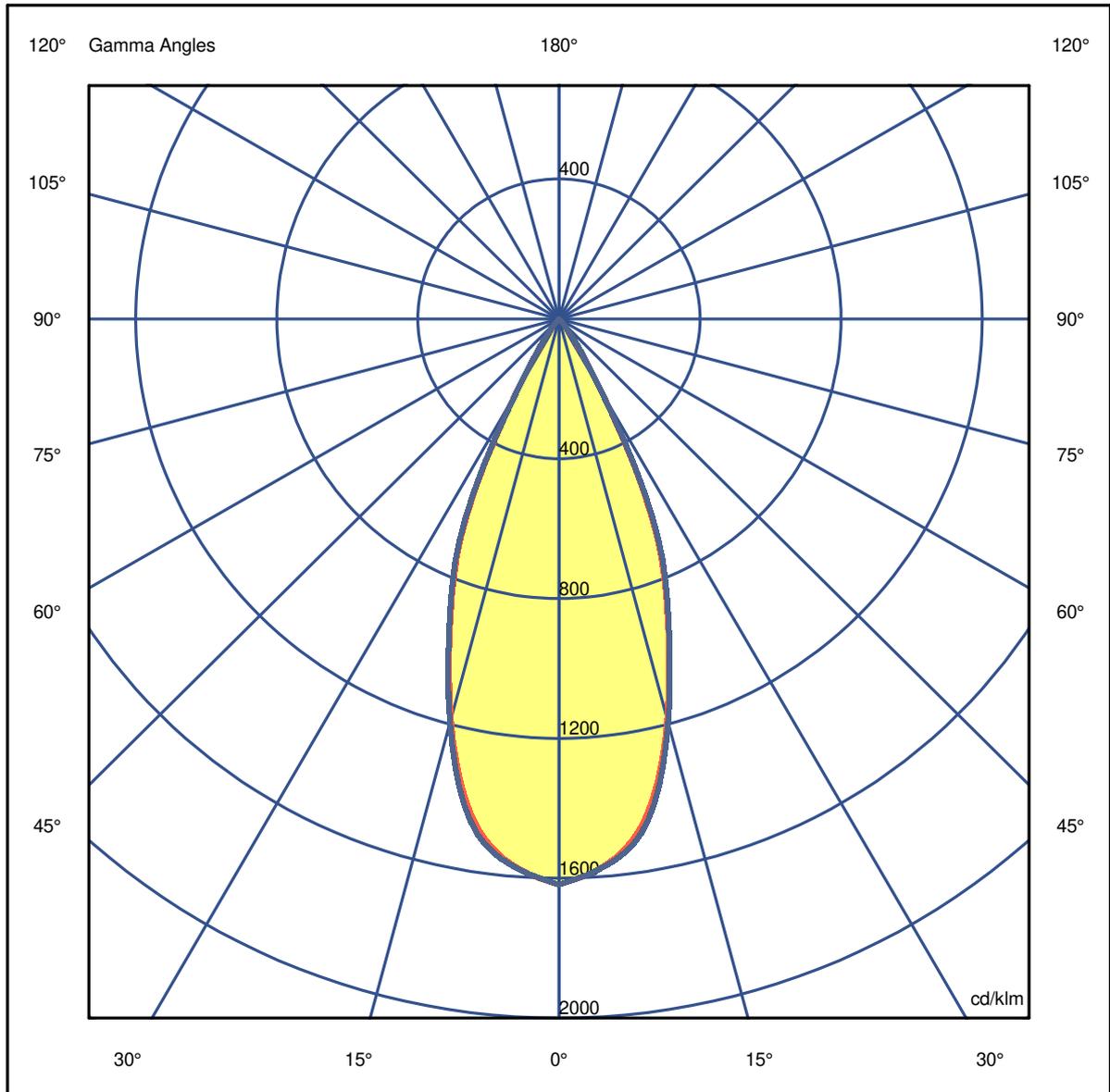
Luminaire Flux	1503 lm	Luminaire Power	12.1 W	Efficacy	124.386 lm/W	Efficiency	81.13%
Source Flux	1852 lm	Maximum value	1617.80 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

597mm x 297mm



C Halfplanes

180.0 ———— 0.0
270.0 ———— 90.0



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Measur.

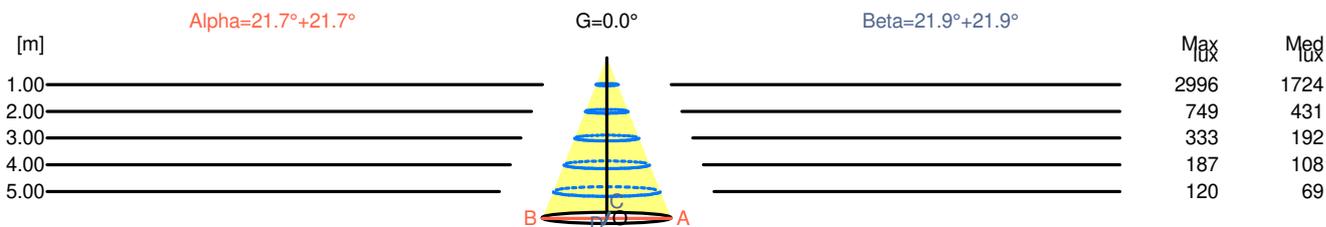
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Width at 50.00 % of Max Intensity

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	0.40	0.80	1.19	1.59	1.99	OC	0.40	0.81	1.21	1.61	2.01
OB	0.40	0.80	1.19	1.59	1.99	OD	0.40	0.81	1.21	1.61	2.01

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	2996.17	2898.75	2194.25	1141.57	138.53	2.59	0.74	0.00	0.00	0.00
OB	2996.17	2898.75	2194.25	1141.57	138.53	2.59	0.74	0.00	0.00	0.00
OC	2996.17	2903.57	2214.99	1166.57	155.57	3.33	0.74	0.00	0.00	0.00
OD	2996.17	2903.57	2214.99	1166.57	155.57	3.33	0.74	0.00	0.00	0.00



H[m]	D[m]	Max lux	Med lux	Alpha=21.7°+21.7°	G=0.0
1.00	0.80	2996	1724		
2.00	1.59	749	431		
3.00	2.39	333	192		
4.00	3.19	187	108		
5.00	3.98	120	69		

H[m]	D[m]	Max lux	Med lux	Beta=21.9°+21.9°	G=0.0
1.00	0.81	2996	1724		
2.00	1.61	749	431		
3.00	2.42	333	192		
4.00	3.22	187	108		
5.00	4.03	120	69		

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Source Flux	1852 lm	Maximum value	1617.80 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
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	1.3	1.9	1.5	2.1	2.3	1.6	2.2	1.8	2.4	2.6
x=2H y=3H	1.2	1.7	1.4	2.0	2.2	1.4	2.0	1.7	2.3	2.5
x=2H y=4H	1.1	1.6	1.4	1.9	2.2	1.4	1.9	1.7	2.2	2.4
x=2H y=6H	1.0	1.5	1.3	1.8	2.1	1.3	1.8	1.6	2.1	2.4
x=2H y=8H	1.0	1.5	1.3	1.8	2.1	1.3	1.7	1.6	2.0	2.3
x=2H y=12H	0.9	1.4	1.3	1.7	2.0	1.2	1.7	1.6	2.0	2.3
x=4H y=2H	1.1	1.6	1.4	1.9	2.2	1.4	1.9	1.7	2.2	2.4
x=4H y=3H	0.9	1.4	1.3	1.7	2.0	1.2	1.7	1.6	2.0	2.3
x=4H y=4H	0.9	1.3	1.3	1.6	1.9	1.2	1.5	1.5	1.9	2.2
x=4H y=6H	0.8	1.1	1.2	1.5	1.9	1.1	1.4	1.5	1.8	2.1
x=4H y=8H	0.8	1.0	1.2	1.4	1.8	1.0	1.3	1.5	1.7	2.1
x=4H y=12H	0.7	1.0	1.2	1.4	1.8	1.0	1.2	1.4	1.6	2.1
x=8H y=4H	0.8	1.0	1.2	1.4	1.8	1.0	1.3	1.5	1.7	2.1
x=8H y=6H	0.7	0.9	1.1	1.3	1.7	0.9	1.1	1.4	1.6	2.0
x=8H y=8H	0.6	0.8	1.1	1.2	1.7	0.9	1.1	1.4	1.5	2.0
x=8H y=12H	0.6	0.7	1.0	1.2	1.7	0.8	1.0	1.3	1.4	1.9
x=12H y=4H	0.7	1.0	1.2	1.4	1.8	1.0	1.2	1.4	1.6	2.1
x=12H y=6H	0.6	0.8	1.1	1.2	1.7	0.9	1.1	1.4	1.5	2.0
x=12H y=8H	0.6	0.7	1.0	1.2	1.7	0.8	1.0	1.3	1.4	1.9

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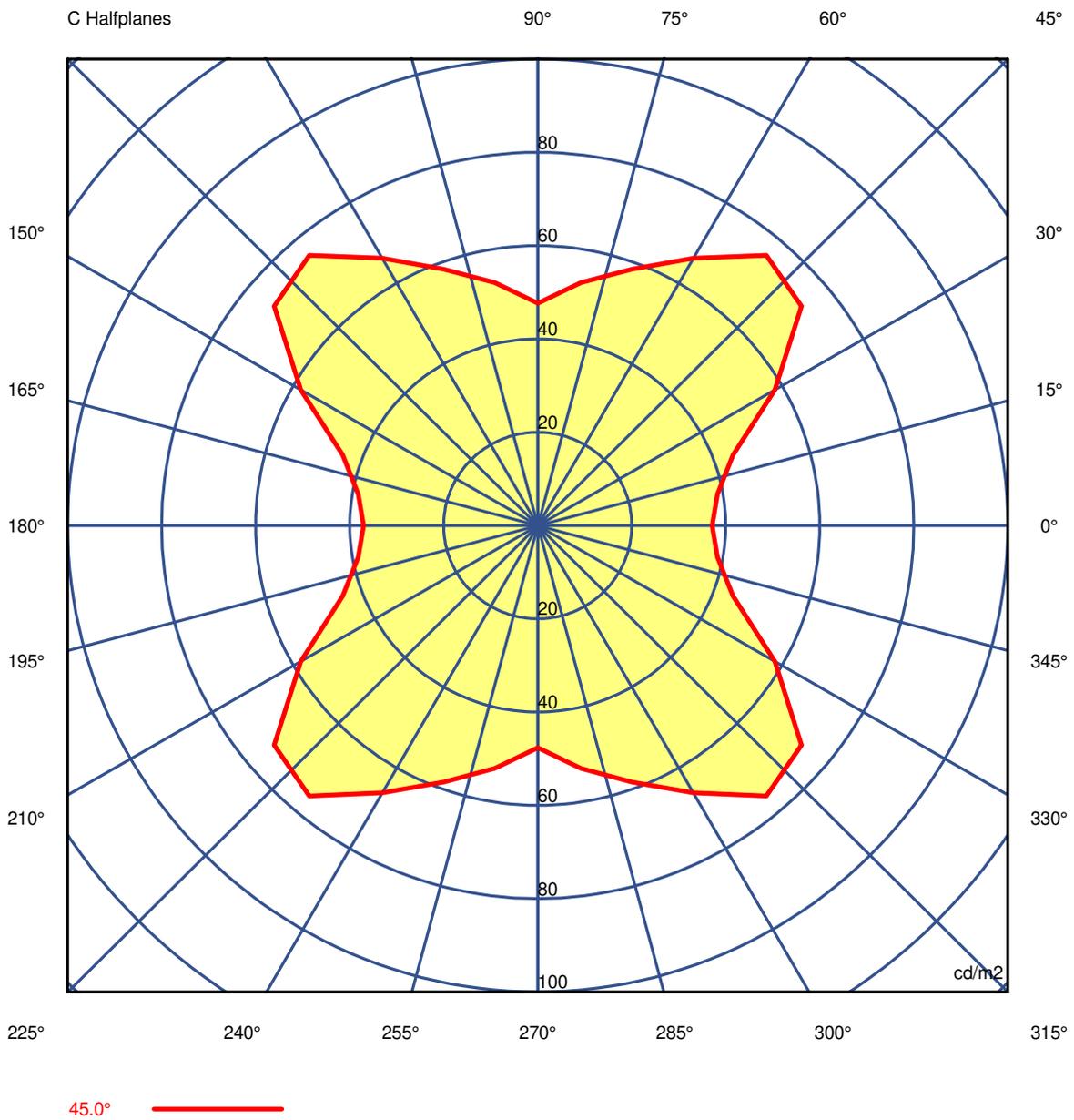
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Luminance



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Measurement

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Source Flux	1852 lm	Maximum value	1617.80 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	30281	30281	30281	30281	30281	30281	30281	30281	30281	30281	30281	30281	30281
G 5.0	29408	29408	29414	29423	29417	29421	29438	29447	29452	29457	29452	29447	29438
G 10.0	27340	27352	27378	27409	27427	27469	27538	27601	27642	27663	27642	27601	27538
G 15.0	22959	22894	22876	22898	22926	22984	23073	23149	23173	23176	23173	23149	23073
G 20.0	17881	17883	17893	17911	17938	17979	18028	18070	18080	18060	18080	18070	18028
G 25.0	12730	12752	12775	12806	12850	12874	12910	13012	13057	13009	13057	13012	12910
G 30.0	5174	5193	5257	5358	5337	5354	5397	5294	5235	5230	5235	5294	5397
G 35.0	1709	1724	1740	1764	1806	1848	1883	1913	1925	1919	1925	1913	1883
G 40.0	176	215	270	330	365	379	379	367	343	308	343	367	379
G 45.0	37	39	44	58	73	76	66	58	53	48	53	58	66
G 50.0	20	20	21	23	32	36	32	28	26	26	26	28	32
G 55.0	13	13	13	13	13	13	13	13	13	13	13	13	13
G 60.0	0	0	3	11	15	15	15	13	8	0	8	13	15
G 65.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G 70.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G 75.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G 80.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G 85.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G 90.0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Source Flux	1852 lm	Maximum value	1617.80 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	30281	30281	30281	30281	30281	30281	30281	30281	30281	30281	30281	30281	30281
G 5.0	29421	29417	29423	29414	29408	29408	29408	29414	29423	29417	29421	29438	29447
G 10.0	27469	27427	27409	27378	27352	27340	27352	27378	27409	27427	27469	27538	27601
G 15.0	22984	22926	22898	22876	22894	22959	22894	22876	22898	22926	22984	23073	23149
G 20.0	17979	17938	17911	17893	17883	17881	17883	17893	17911	17938	17979	18028	18070
G 25.0	12874	12850	12806	12775	12752	12730	12752	12775	12806	12850	12874	12910	13012
G 30.0	5354	5337	5358	5257	5193	5174	5193	5257	5358	5337	5354	5397	5294
G 35.0	1848	1806	1764	1740	1724	1709	1724	1740	1764	1806	1848	1883	1913
G 40.0	379	365	330	270	215	176	215	270	330	365	379	379	367
G 45.0	76	73	58	44	39	37	39	44	58	73	76	66	58
G 50.0	36	32	23	21	20	20	20	21	23	32	36	32	28
G 55.0	13	13	13	13	13	13	13	13	13	13	13	13	13
G 60.0	15	15	11	3	0	0	0	3	11	15	15	15	13
G 65.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G 70.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G 75.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G 80.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G 85.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G 90.0	0	0	0	0	0	0	0	0	0	0	0	0	0

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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	30281	30281	30281	30281	30281	30281	30281	30281	30281	30281
G 5.0	29452	29457	29452	29447	29438	29421	29417	29423	29414	29408
G 10.0	27642	27663	27642	27601	27538	27469	27427	27409	27378	27352
G 15.0	23173	23176	23173	23149	23073	22984	22926	22898	22876	22894
G 20.0	18080	18060	18080	18070	18028	17979	17938	17911	17893	17883
G 25.0	13057	13009	13057	13012	12910	12874	12850	12806	12775	12752
G 30.0	5235	5230	5235	5294	5397	5354	5337	5358	5257	5193
G 35.0	1925	1919	1925	1913	1883	1848	1806	1764	1740	1724
G 40.0	343	308	343	367	379	379	365	330	270	215
G 45.0	53	48	53	58	66	76	73	58	44	39
G 50.0	26	26	26	28	32	36	32	23	21	20
G 55.0	13	13	13	13	13	13	13	13	13	13
G 60.0	8	0	8	13	15	15	15	11	3	0
G 65.0	0	0	0	0	0	0	0	0	0	0
G 70.0	0	0	0	0	0	0	0	0	0	0
G 75.0	0	0	0	0	0	0	0	0	0	0
G 80.0	0	0	0	0	0	0	0	0	0	0
G 85.0	0	0	0	0	0	0	0	0	0	0
G 90.0	0	0	0	0	0	0	0	0	0	0