

Luminaire

Code 90724L215

Name CORA L15W30 2 BOPTICS 840 LO

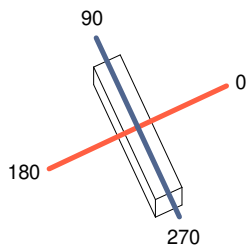
Measurem.

Code 28/7/2023

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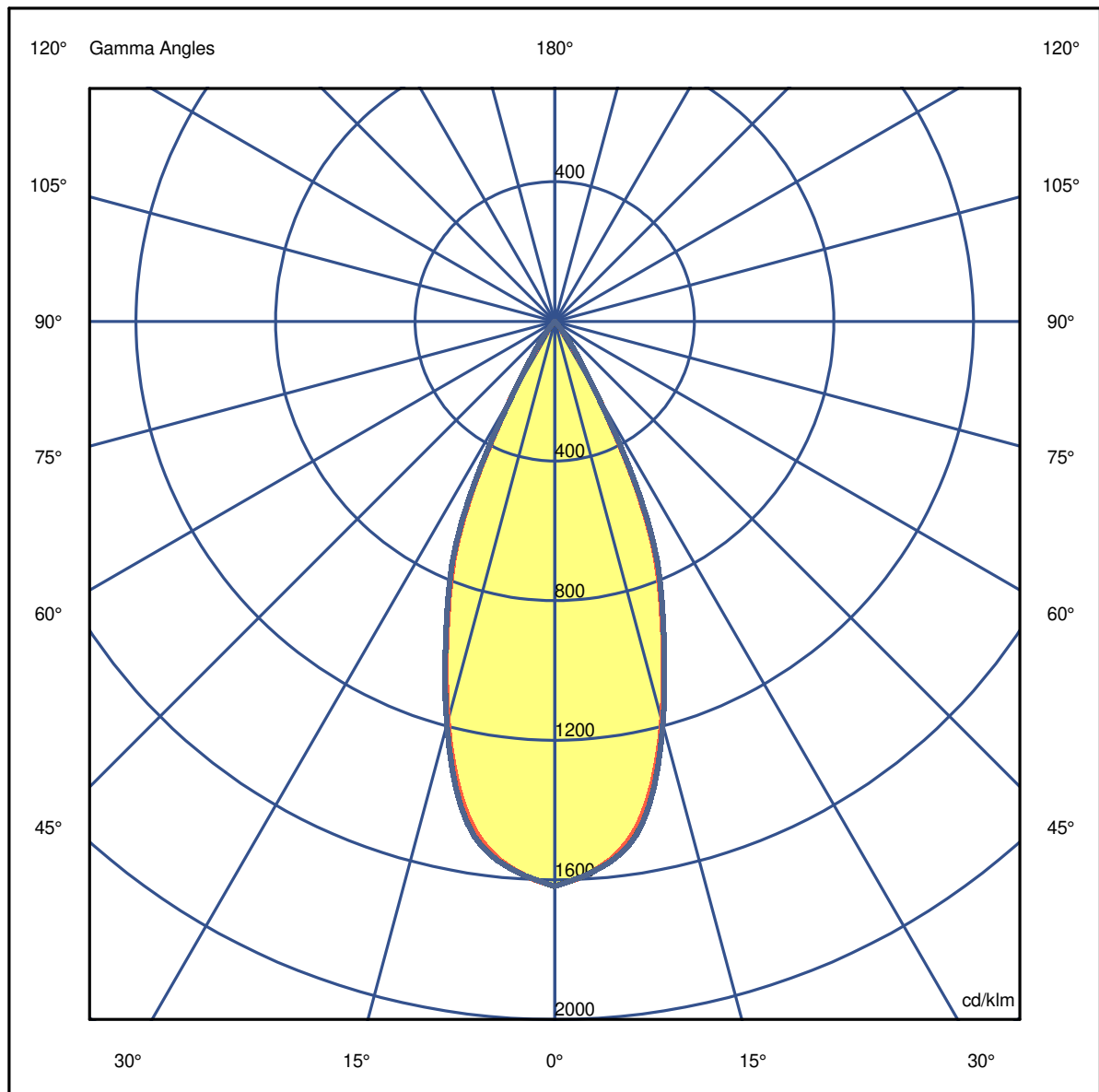
Luminaire Flux	4717 lm	Luminaire Power	33.3 W	Efficacy	141.696 lm/W	Efficiency	81.13%
Source Flux	5814 lm	Maximum value	1617.80 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

1497mm x 297mm



C Halfplanes

180.0 ————— 0.0
270.0 ————— 90.0



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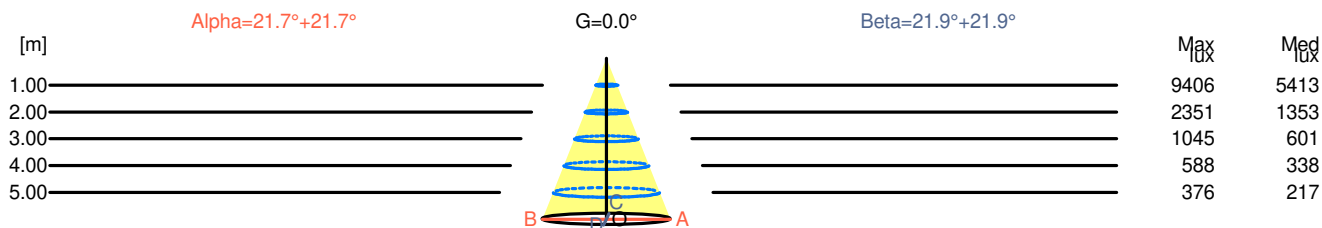
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Luminaire Flux	4717 lm	Luminaire Power	33.3 W	Efficacy	141.696 lm/W	Efficiency	81.13%
Source Flux	5814 lm	Maximum value	1617.80 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

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

	0	5	15	25	35	45	55	65	75	85
OA	9405.89	9100.07	6888.43	3583.75	434.89	8.14	2.33	0.00	0.00	0.00
OB	9405.89	9100.07	6888.43	3583.75	434.89	8.14	2.33	0.00	0.00	0.00
OC	9405.89	9115.19	6953.54	3662.24	488.38	10.47	2.33	0.00	0.00	0.00
OD	9405.89	9115.19	6953.54	3662.24	488.38	10.47	2.33	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	9406	5413		
2.00	1.59	2351	1353		
3.00	2.39	1045	601		
4.00	3.19	588	338		
5.00	3.98	376	217		

H[m]	D[m]	Max lux	Med lux	Beta=21.9°+21.9°	G=0.0
1.00	0.81	9406	5413		
2.00	1.61	2351	1353		
3.00	2.42	1045	601		
4.00	3.22	588	338		
5.00	4.03	376	217		

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Source Flux	5814 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	1.5	2.1	1.7	2.3	2.5	1.7	2.4	2.0	2.6	2.8
x=2H y=3H	1.3	1.9	1.6	2.1	2.4	1.6	2.2	1.9	2.4	2.6
x=2H y=4H	1.3	1.8	1.6	2.1	2.3	1.5	2.1	1.8	2.3	2.6
x=2H y=6H	1.2	1.7	1.5	2.0	2.2	1.5	2.0	1.8	2.2	2.5
x=2H y=8H	1.1	1.6	1.5	1.9	2.2	1.4	1.9	1.8	2.2	2.5
x=2H y=12H	1.1	1.6	1.5	1.9	2.2	1.4	1.8	1.7	2.1	2.4
x=4H y=2H	1.3	1.8	1.6	2.1	2.3	1.5	2.1	1.8	2.3	2.6
x=4H y=3H	1.1	1.6	1.5	1.9	2.2	1.4	1.8	1.7	2.1	2.4
x=4H y=4H	1.0	1.4	1.4	1.7	2.1	1.3	1.7	1.7	2.0	2.4
x=4H y=6H	1.0	1.3	1.4	1.6	2.0	1.2	1.6	1.6	1.9	2.3
x=4H y=8H	0.9	1.2	1.3	1.6	2.0	1.2	1.5	1.6	1.9	2.3
x=4H y=12H	0.9	1.1	1.3	1.5	1.9	1.2	1.4	1.6	1.8	2.2
x=8H y=4H	0.9	1.2	1.3	1.6	2.0	1.2	1.5	1.6	1.9	2.3
x=8H y=6H	0.8	1.0	1.3	1.4	1.9	1.1	1.3	1.6	1.7	2.2
x=8H y=8H	0.8	1.0	1.3	1.4	1.9	1.1	1.2	1.5	1.7	2.2
x=8H y=12H	0.7	0.9	1.2	1.3	1.8	1.0	1.1	1.5	1.6	2.1
x=12H y=4H	0.9	1.1	1.3	1.5	1.9	1.2	1.4	1.6	1.8	2.2
x=12H y=6H	0.8	1.0	1.3	1.4	1.9	1.1	1.2	1.5	1.7	2.2
x=12H y=8H	0.7	0.9	1.2	1.3	1.8	1.0	1.1	1.5	1.6	2.1

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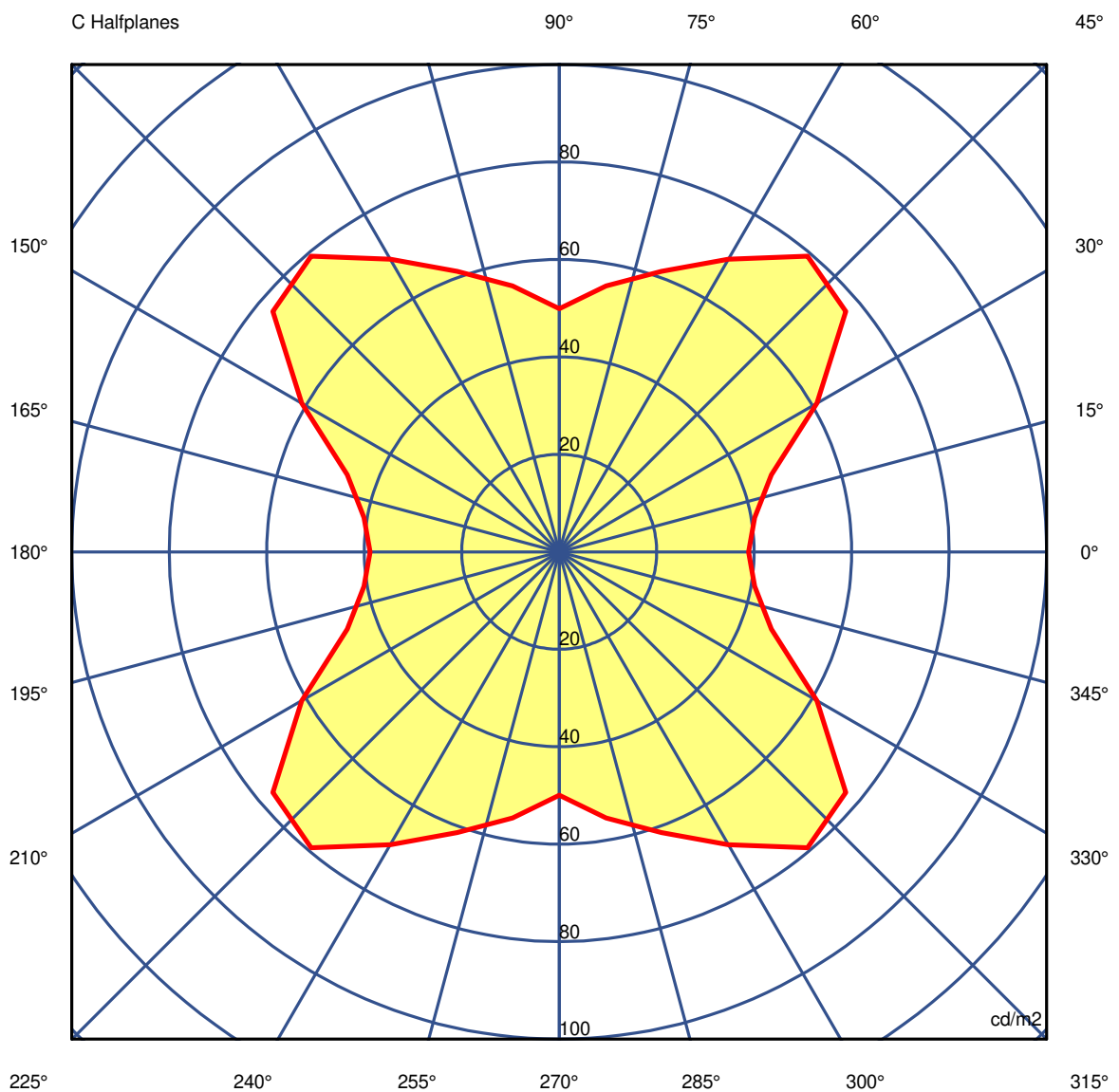
Measurem.

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Name CORA L15W30 2 BOPTICS 840 LO

Luminaire Flux	4717 lm	Luminaire Power	33.3 W	Efficacy	141.696 lm/W	Efficiency	81.13%
Source Flux	5814 lm	Maximum value	1617.80 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



45.0°

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Name CORA L15W30 2 BOPTICS 840 LO

Measurement

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Luminaire Flux	4717 lm	Luminaire Power		33.3 W		Efficacy		141.696 lm/W		Efficiency		81.13%	
Source Flux	5814 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	31731	31731	31731	31731	31731	31731	31731	31731	31731	31731	31731	31731	31731
G 5.0	30817	30817	30823	30833	30826	30830	30848	30858	30863	30868	30863	30858	30848
G 10.0	28650	28662	28689	28721	28741	28784	28857	28923	28966	28988	28966	28923	28857
G 15.0	24058	23991	23971	23995	24024	24085	24178	24258	24283	24286	24283	24258	24178
G 20.0	18737	18740	18750	18769	18797	18840	18892	18935	18946	18925	18946	18935	18892
G 25.0	13340	13363	13387	13420	13466	13491	13528	13635	13683	13632	13683	13635	13528
G 30.0	5422	5442	5509	5614	5593	5611	5655	5547	5485	5481	5485	5547	5655
G 35.0	1791	1807	1823	1848	1892	1937	1973	2004	2017	2011	2017	2004	1973
G 40.0	184	225	283	346	383	397	397	385	359	323	359	385	397
G 45.0	39	41	46	61	77	79	69	61	55	50	55	61	69
G 50.0	21	21	22	24	33	37	34	29	27	27	27	29	34
G 55.0	14	14	14	14	14	14	14	14	14	14	14	14	14
G 60.0	0	0	3	12	15	16	16	14	9	0	9	14	16
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	5814 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	31731	31731	31731	31731	31731	31731	31731	31731	31731	31731	31731	31731	31731	
G 5.0	30830	30826	30833	30823	30817	30817	30817	30823	30833	30826	30830	30848	30858	
G 10.0	28784	28741	28721	28689	28662	28650	28662	28689	28721	28741	28784	28857	28923	
G 15.0	24085	24024	23995	23971	23991	24058	23991	23971	23995	24024	24085	24178	24258	
G 20.0	18840	18797	18769	18750	18740	18737	18740	18750	18769	18797	18840	18892	18935	
G 25.0	13491	13466	13420	13387	13363	13340	13363	13387	13420	13466	13491	13528	13635	
G 30.0	5611	5593	5614	5509	5442	5422	5442	5509	5614	5593	5611	5655	5547	
G 35.0	1937	1892	1848	1823	1807	1791	1807	1823	1848	1892	1937	1973	2004	
G 40.0	397	383	346	283	225	184	225	283	346	383	397	397	385	
G 45.0	79	77	61	46	41	39	41	46	61	77	79	69	61	
G 50.0	37	33	24	22	21	21	21	22	24	33	37	34	29	
G 55.0	14	14	14	14	14	14	14	14	14	14	14	14	14	
G 60.0	16	15	12	3	0	0	0	3	12	15	16	16	14	
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	5814 lm	Maximum value	1617.80 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	31731	31731	31731	31731	31731	31731	31731	31731	31731	31731
G 5.0	30863	30868	30863	30858	30848	30830	30826	30833	30823	30817
G 10.0	28966	28988	28966	28923	28857	28784	28741	28721	28689	28662
G 15.0	24283	24286	24283	24258	24178	24085	24024	23995	23971	23991
G 20.0	18946	18925	18946	18935	18892	18840	18797	18769	18750	18740
G 25.0	13683	13632	13683	13635	13528	13491	13466	13420	13387	13363
G 30.0	5485	5481	5485	5547	5655	5611	5593	5614	5509	5442
G 35.0	2017	2011	2017	2004	1973	1937	1892	1848	1823	1807
G 40.0	359	323	359	385	397	397	383	346	283	225
G 45.0	55	50	55	61	69	79	77	61	46	41
G 50.0	27	27	27	29	34	37	33	24	22	21
G 55.0	14	14	14	14	14	14	14	14	14	14
G 60.0	9	0	9	14	16	16	15	12	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