

## Luminaire

Code 90841L120

Code 50041E120  
Name BLED L12W30 LIGHT+ K3 830 HO

**Measur.**

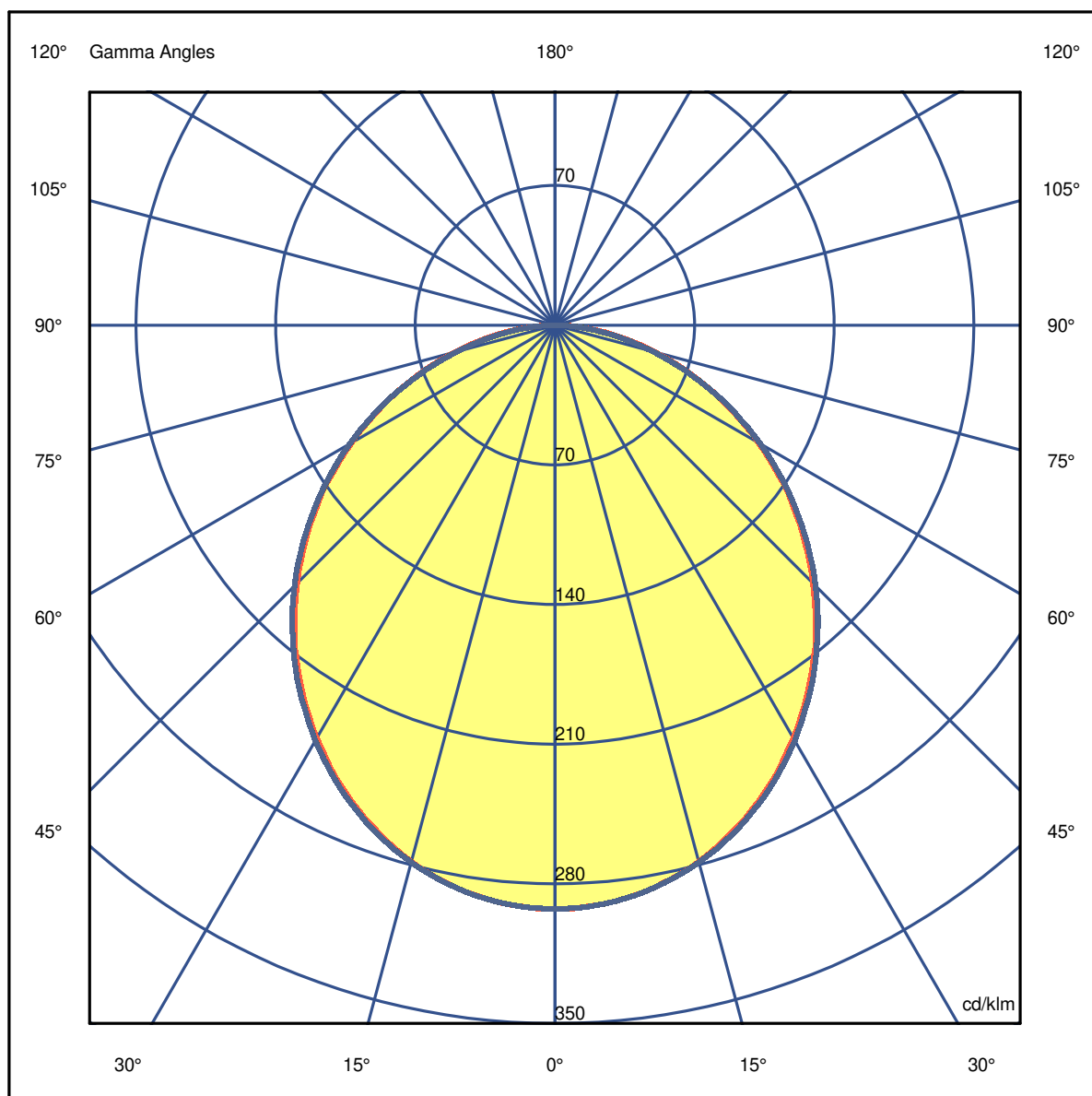
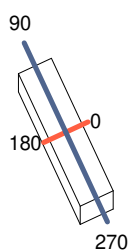
Code 16/8/2023

Name BLED L12W30 LIGHT+ K3 830 HO

Luminaire Flux	5839 lm	Luminaire Power	44.0 W	Efficacy	132.852 lm/W	Efficiency	79.59%
Source Flux	7336 lm	Maximum value	292.60 cd/klm	Position	C=30.00 G=1.00	CG	Double Symmetrical

1195mm x 295mm

## C Halfplanes



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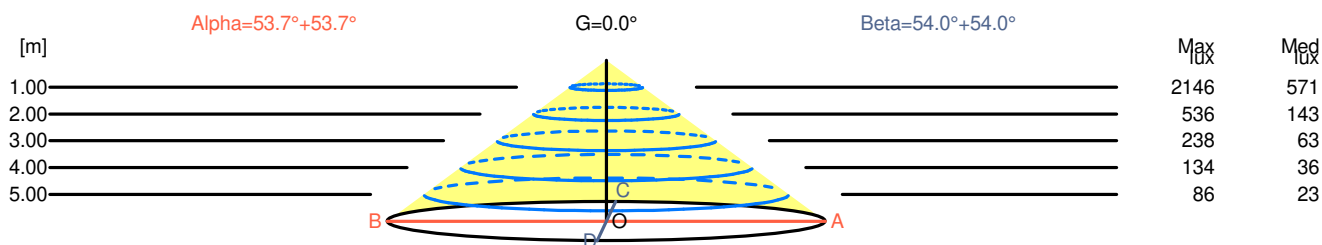
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Width at 50.00 % of Max Intensity

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	1.36	2.72	4.09	5.45	6.81	OC	1.37	2.75	4.12	5.50	6.87
OB	1.36	2.72	4.09	5.45	6.81	OD	1.37	2.75	4.12	5.50	6.87

	0	5	15	25	35	45	55	65	75	85
OA	2145.78	2134.78	2041.61	1865.54	1625.66	1341.02	1033.64	699.85	380.00	109.31
OB	2145.78	2134.78	2041.61	1865.54	1625.66	1341.02	1033.64	699.85	380.00	109.31
OC	2145.78	2134.04	2043.81	1874.35	1638.13	1354.23	1038.78	702.06	370.47	99.04
OD	2145.78	2134.04	2043.81	1874.35	1638.13	1354.23	1038.78	702.06	370.47	99.04



H[m]	D[m]	Max lux	Med lux	Alpha=53.7°+53.7°	G=0.0
1.00	2.72	2146	571		
2.00	5.45	536	143		
3.00	8.17	238	63		
4.00	10.89	134	36		
5.00	13.62	86	23		

H[m]	D[m]	Max lux	Med lux	Beta=54.0°+54.0°	G=0.0
1.00	2.75	2146	571		
2.00	5.50	536	143		
3.00	8.25	238	63		
4.00	11.00	134	36		
5.00	13.75	86	23		

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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	17.4	18.7	17.7	19.0	19.2	18.2	19.5	18.5	19.7	20.0
x=2H y=3H	18.6	19.8	19.0	20.1	20.4	19.6	20.8	19.9	21.0	21.3
x=2H y=4H	19.1	20.2	19.4	20.5	20.8	20.1	21.2	20.4	21.5	21.8
x=2H y=6H	19.3	20.4	19.7	20.7	21.0	20.5	21.5	20.8	21.8	22.1
x=2H y=8H	19.4	20.4	19.8	20.7	21.0	20.6	21.6	20.9	21.9	22.2
x=2H y=12H	19.4	20.4	19.8	20.7	21.0	20.6	21.6	21.0	21.9	22.2
x=4H y=2H	18.1	19.2	18.4	19.5	19.7	18.6	19.8	19.0	20.1	20.3
x=4H y=3H	19.4	20.4	19.8	20.7	21.0	20.2	21.2	20.6	21.5	21.8
x=4H y=4H	20.0	20.8	20.4	21.2	21.5	20.9	21.7	21.2	22.0	22.4
x=4H y=6H	20.3	21.1	20.8	21.5	21.9	21.3	22.1	21.7	22.4	22.8
x=4H y=8H	20.4	21.1	20.9	21.5	21.9	21.4	22.1	21.9	22.5	22.9
x=4H y=12H	20.5	21.1	20.9	21.5	22.0	21.5	22.2	22.0	22.6	23.0
x=8H y=4H	20.2	20.9	20.6	21.3	21.7	21.0	21.7	21.4	22.1	22.5
x=8H y=6H	20.7	21.2	21.1	21.7	22.1	21.6	22.1	22.0	22.5	23.0
x=8H y=8H	20.8	21.3	21.3	21.8	22.2	21.8	22.3	22.2	22.7	23.2
x=8H y=12H	20.9	21.3	21.4	21.8	22.3	21.9	22.3	22.4	22.8	23.3
x=12H y=4H	20.2	20.8	20.7	21.2	21.7	21.0	21.6	21.4	22.0	22.5
x=12H y=6H	20.7	21.2	21.2	21.6	22.1	21.6	22.1	22.1	22.5	23.0
x=12H y=8H	20.9	21.3	21.4	21.8	22.3	21.8	22.2	22.3	22.7	23.2

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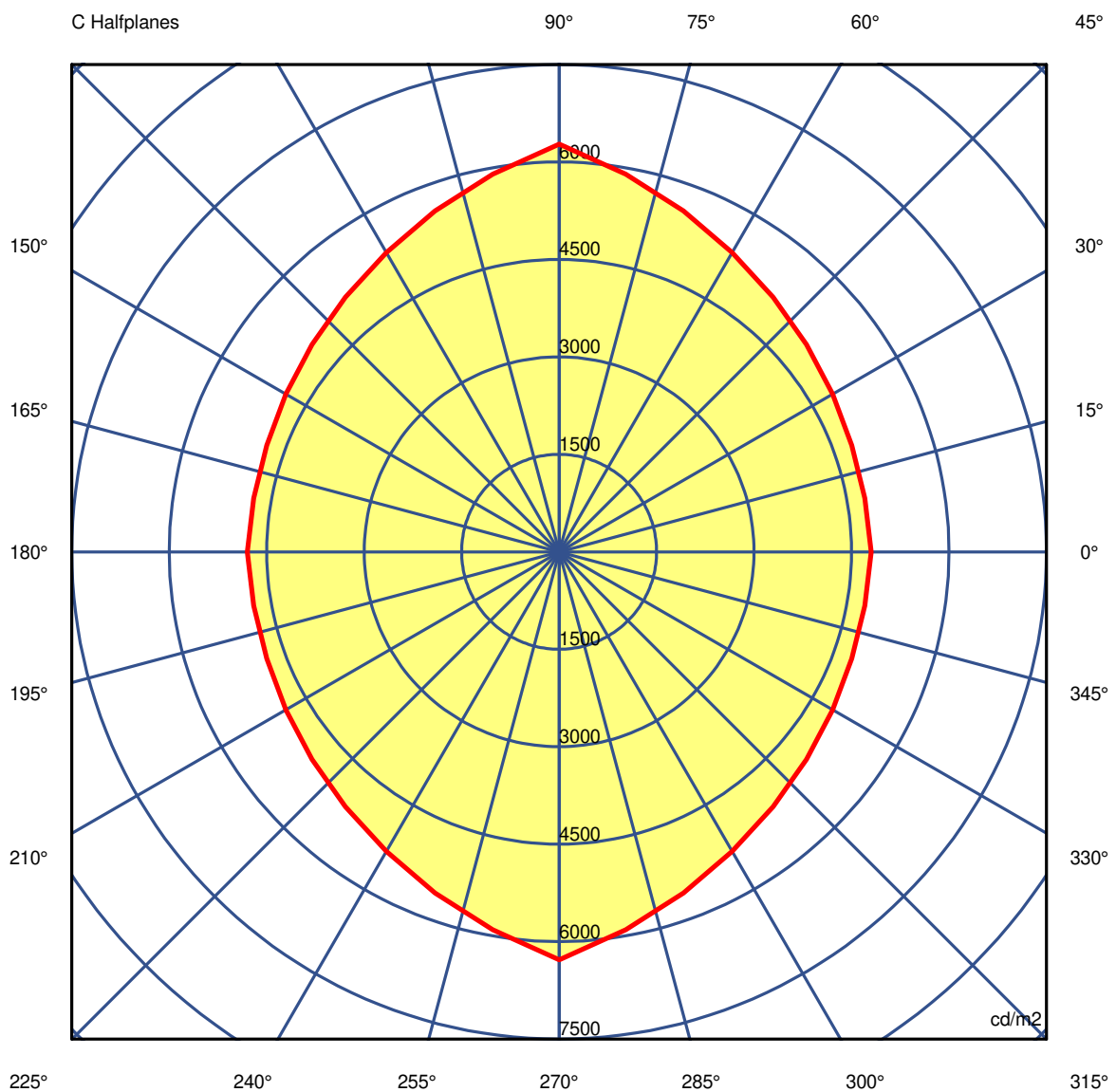
**Measurem.**

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Luminaire Flux	5839 lm	Luminaire Power	44.0 W	Efficacy	132.852 lm/W	Efficiency	79.59%
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Luminance



45.0°

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Luminaire Flux	5839 lm	Luminaire Power		44.0 W		Efficacy		132.852 lm/W		Efficiency		79.59%	
Source Flux	7336 lm	Maximum value		292.60 cd/klm		Position		C=30.00 G=1.00		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	7649	7649	7649	7649	7649	7649	7649	7649	7649	7649	7649	7649	7649
G 5.0	7376	7368	7370	7382	7401	7423	7451	7492	7536	7578	7536	7492	7451
G 10.0	7090	7077	7081	7102	7138	7184	7243	7318	7400	7485	7400	7318	7243
G 15.0	6792	6777	6785	6815	6862	6929	7014	7121	7241	7370	7241	7121	7014
G 20.0	6479	6464	6476	6514	6575	6660	6769	6909	7067	7237	7067	6909	6769
G 25.0	6164	6143	6154	6201	6275	6377	6511	6677	6869	7084	6869	6677	6511
G 30.0	5838	5815	5830	5883	5966	6084	6240	6433	6658	6914	6658	6433	6240
G 35.0	5502	5478	5495	5553	5643	5776	5953	6169	6423	6718	6423	6169	5953
G 40.0	5159	5150	5162	5205	5309	5458	5646	5886	6173	6504	6173	5886	5646
G 45.0	4801	4773	4792	4857	4968	5121	5323	5587	5906	6279	5906	5587	5323
G 50.0	4434	4396	4414	4485	4600	4763	4980	5259	5604	6025	5604	5259	4980
G 55.0	4058	4010	4011	4070	4198	4376	4603	4901	5274	5740	5274	4901	4603
G 60.0	3613	3580	3594	3656	3772	3944	4179	4488	4886	5397	4886	4488	4179
G 65.0	3148	3110	3133	3205	3305	3464	3701	4014	4431	4988	4431	4014	3701
G 70.0	2638	2603	2612	2665	2769	2926	3152	3454	3879	4477	3879	3454	3152
G 75.0	2074	2039	2054	2109	2188	2326	2536	2815	3223	3848	3223	2815	2536
G 80.0	1458	1436	1442	1472	1537	1640	1799	2048	2429	3042	2429	2048	1799
G 85.0	789	775	780	802	840	907	1015	1183	1470	2027	1470	1183	1015
G 90.0	141	138	144	165	187	220	271	346	471	779	471	346	271

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Source Flux	7336 lm		Maximum value		292.60 cd/klm		Position		C=30.00 G=1.00		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	7649	7649	7649	7649	7649	7649	7649	7649	7649	7649	7649	7649	7649	
G 5.0	7423	7401	7382	7370	7368	7376	7368	7370	7382	7401	7423	7451	7492	
G 10.0	7184	7138	7102	7081	7077	7090	7077	7081	7102	7138	7184	7243	7318	
G 15.0	6929	6862	6815	6785	6777	6792	6777	6785	6815	6862	6929	7014	7121	
G 20.0	6660	6575	6514	6476	6464	6479	6464	6476	6514	6575	6660	6769	6909	
G 25.0	6377	6275	6201	6154	6143	6164	6143	6154	6201	6275	6377	6511	6677	
G 30.0	6084	5966	5883	5830	5815	5838	5815	5830	5883	5966	6084	6240	6433	
G 35.0	5776	5643	5553	5495	5478	5502	5478	5495	5553	5643	5776	5953	6169	
G 40.0	5458	5309	5205	5162	5150	5159	5150	5162	5205	5309	5458	5646	5886	
G 45.0	5121	4968	4857	4792	4773	4801	4773	4792	4857	4968	5121	5323	5587	
G 50.0	4763	4600	4485	4414	4396	4434	4396	4414	4485	4600	4763	4980	5259	
G 55.0	4376	4198	4070	4011	4010	4058	4010	4011	4070	4198	4376	4603	4901	
G 60.0	3944	3772	3656	3594	3580	3613	3580	3594	3656	3772	3944	4179	4488	
G 65.0	3464	3305	3205	3133	3110	3148	3110	3133	3205	3305	3464	3701	4014	
G 70.0	2926	2769	2665	2612	2603	2638	2603	2612	2665	2769	2926	3152	3454	
G 75.0	2326	2188	2109	2054	2039	2074	2039	2054	2109	2188	2326	2536	2815	
G 80.0	1640	1537	1472	1442	1436	1458	1436	1442	1472	1537	1640	1799	2048	
G 85.0	907	840	802	780	775	789	775	780	802	840	907	1015	1183	
G 90.0	220	187	165	144	138	141	138	144	165	187	220	271	346	

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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	7649	7649	7649	7649	7649	7649	7649	7649	7649	7649
G 5.0	7536	7578	7536	7492	7451	7423	7401	7382	7370	7368
G 10.0	7400	7485	7400	7318	7243	7184	7138	7102	7081	7077
G 15.0	7241	7370	7241	7121	7014	6929	6862	6815	6785	6777
G 20.0	7067	7237	7067	6909	6769	6660	6575	6514	6476	6464
G 25.0	6869	7084	6869	6677	6511	6377	6275	6201	6154	6143
G 30.0	6658	6914	6658	6433	6240	6084	5966	5883	5830	5815
G 35.0	6423	6718	6423	6169	5953	5776	5643	5553	5495	5478
G 40.0	6173	6504	6173	5886	5646	5458	5309	5205	5162	5150
G 45.0	5906	6279	5906	5587	5323	5121	4968	4857	4792	4773
G 50.0	5604	6025	5604	5259	4980	4763	4600	4485	4414	4396
G 55.0	5274	5740	5274	4901	4603	4376	4198	4070	4011	4010
G 60.0	4886	5397	4886	4488	4179	3944	3772	3656	3594	3580
G 65.0	4431	4988	4431	4014	3701	3464	3305	3205	3133	3110
G 70.0	3879	4477	3879	3454	3152	2926	2769	2665	2612	2603
G 75.0	3223	3848	3223	2815	2536	2326	2188	2109	2054	2039
G 80.0	2429	3042	2429	2048	1799	1640	1537	1472	1442	1436
G 85.0	1470	2027	1470	1183	1015	907	840	802	780	775
G 90.0	471	779	471	346	271	220	187	165	144	138