

## EOS Wall fixture

Designer: Josep Patsi

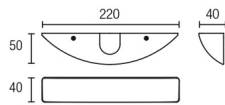
**05-5078-21-21V0**



	Finish	Material
<b>Structure</b>	Chrome	Aluminium
<b>Diffuser</b>	Transparent	Methacrylate

 IP20 
  FLOOD 70° 
  8

### TECHNICAL CHARACTERISTICS



#### Light source

Light source: LED  
 Light source power (W): 4.5W  
 Luminaire total power (W): 6.8W  
 Color temperature: LED warm-white  
 3000K  
 CRI: 80  
 Real Lumen: 262  
 Qty Leds: 1  
 Lm/Real W: 39  
 Bin / Grup: VB , Vf: F3  
 UGR: 11.1

#### GEAR

Voltage / Frequency:  
 220-240VAC/50-60Hz

#### Luminaire

Warranty: 2 Years

#### Logistics

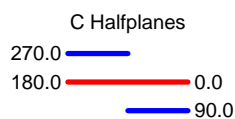
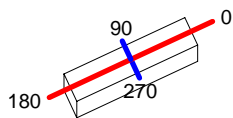
Energy Efficiency: LED A++  
 EAN Code: 8435381429287  
 Net Weight (Kg): 0.27  
 Weight in Kg (packaged): 0.39  
 Packing: - x - x -  
 Masterbox: 8

The photograph may not match the reference exactly. Please read the product description to identify the finish.

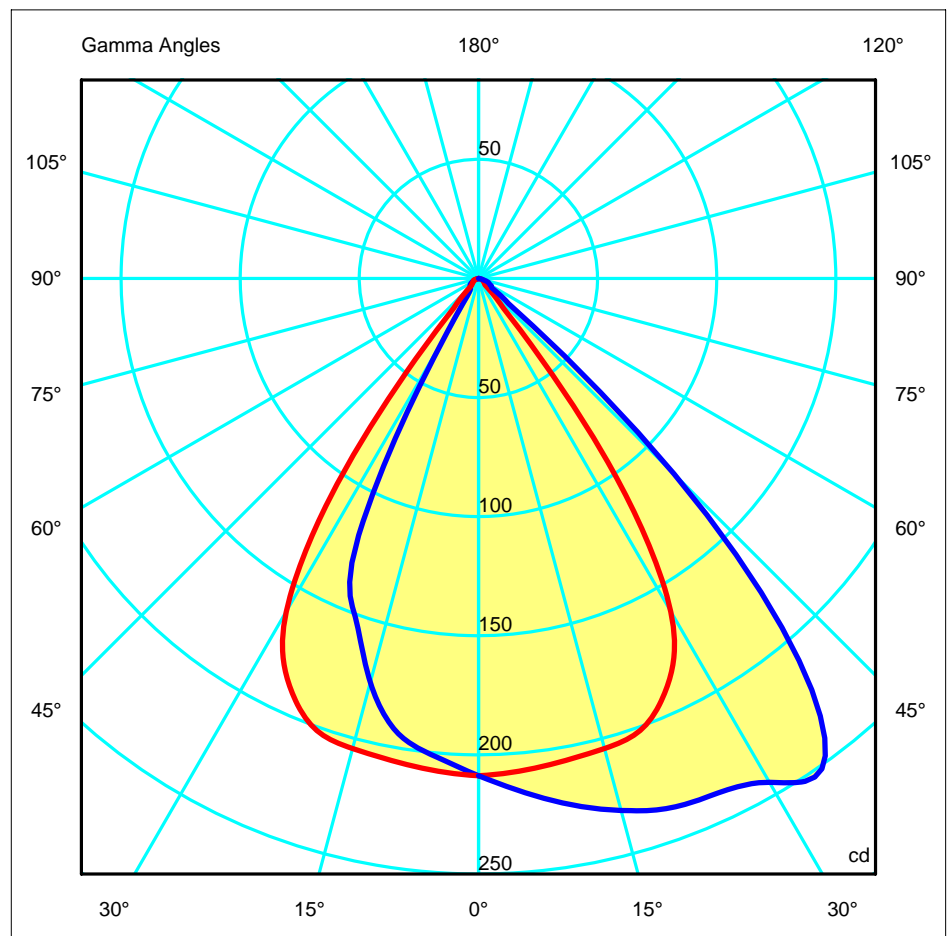
Luminaire		Measur.		Lamp			
Code	05-5078-21-21	Code	05-5078-21-21	Code	05-5078-21-21		
Name	Aplique EOS led 4.5W	Name	Aplique EOS led 4.5W	Number	1		
Line	- LEDS C4 LEDS	Date	17-09-2015	Position	Universal		
Luminaire Flux	262.49 lm	Luminaire Power	4.00 W	Efficacy	65.62 lm/W	Efficiency	100.00%
Lamps Flux	262.50 lm	Maximum value	251.28 cd	Position	C=90.00 G=35.00	CG	Sym. on planes 270-90
Rectangular Luminaire	Length	50 mm	Width	220 mm	Height	40 mm	
Rectangular Luminous Area	Length	34 mm	Width	34 mm	Height	0 mm	
Horizontal Luminous Area	0.001156 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°		0.000280 m2		
Coordinate system	CG	Symmetry Type		Sym. on planes 270-90			
Date	17-09-2015	Maximum Gamma Angle		90			
Measurement Distance	6.44	Measurement Flux		262.50 lm			
Operator	Asselum T2	Source voltage		230.00 V			
Temperature	25.00 °C	Source current					
Humidity	42.00 %	Photocell					
Notes							Prc

Line	Code	Luminaire Lamps	Flux [lm]	Pow. [W]	Q.ty
- LEDS C4 LEDS	05-5078-21-21	Name Lámpara led 4.5W SAMSUNG	262.50	4.00	1
C.I.E.	90 98 100 100 100	D DIN 5040	A60		
F UTE	1.00 A	B NBN	BZ 1		

50mm x 220mm



ULOR 0.00 %  
DLOR 100.00 %  
RN 0.00 %



<b>Luminaire</b>	<b>Code</b> 05-5078-21-21	<b>Measurement</b>	<b>Code</b> 05-5078-21-21	<b>Lamp</b>	<b>Code</b> 05-5078-21-21
<b>Name</b>	Aplique EOS led 4.5W	<b>Name</b>	Aplique EOS led 4.5W	<b>Number</b>	1
<b>Line</b>	- LEDS C4 LEDS	<b>Date</b>	17-09-2015	<b>Position</b>	Universal

<b>Luminaire Flux</b>	262.49 lm	<b>Luminaire Power</b>	4.00 W	<b>Efficacy</b>	65.62 lm/W	<b>Efficiency</b>	100.00%
<b>Lamps Flux</b>	262.50 lm	<b>Maximum value</b>	251.28 cd	<b>Position</b>	C=90.00 G=35.00	<b>CG Sym.</b>	on planes 270-90

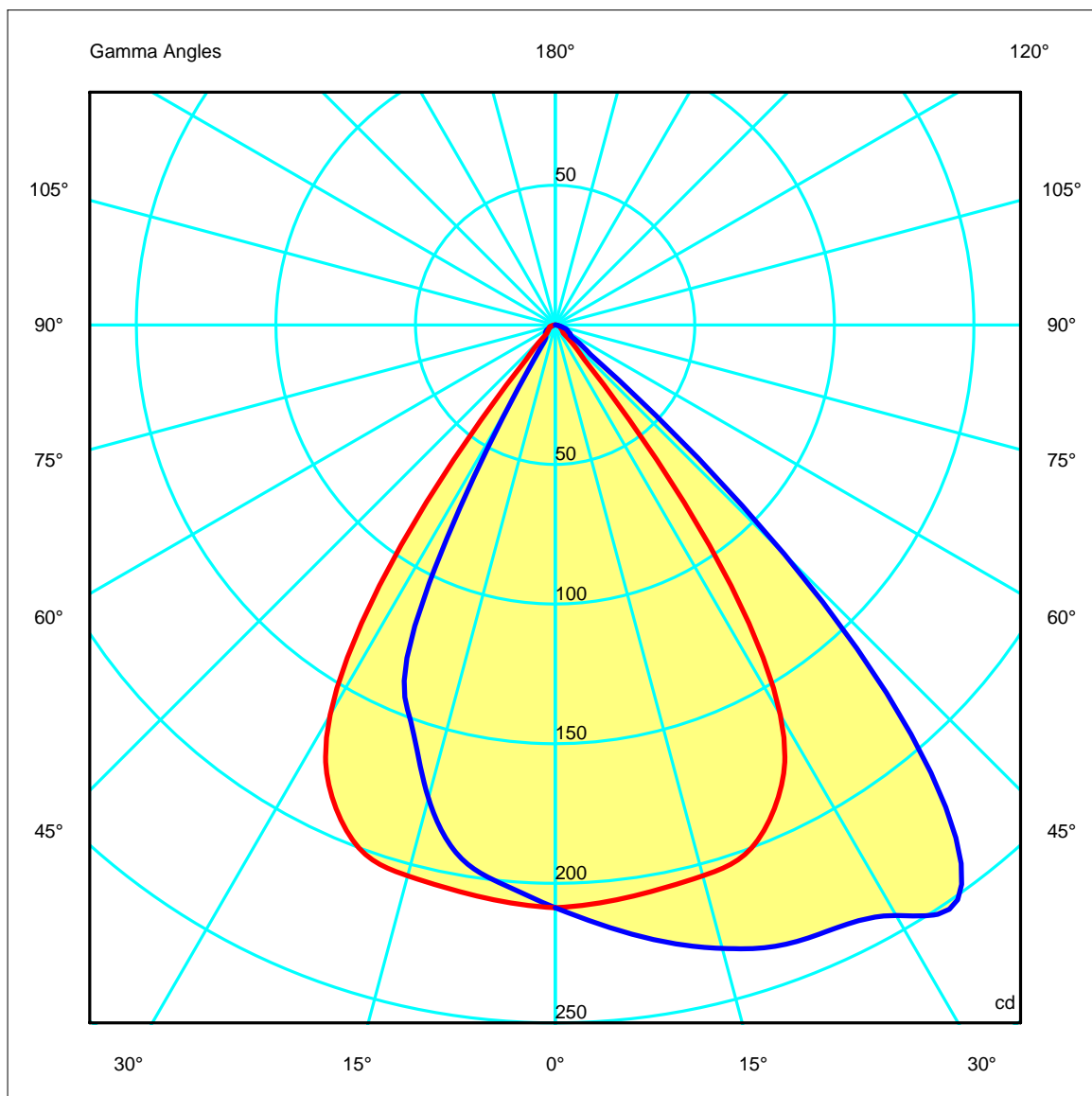
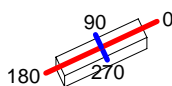
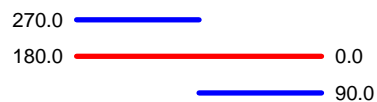
**Luminous Intensity Table cd Table 1/1**

	C 270.00	C 285.00	C 300.00	C 315.00	C 330.00	C 345.00	C 0.00	C 15.00	C 30.00	C 45.00	C 60.00	C 75.00	C 90.00
G 0.0	208.73	208.73	208.73	208.73	208.73	208.73	208.73	208.73	208.73	208.73	208.73	208.73	208.73
G 5.0	201.62	200.97	201.74	203.00	203.25	206.49	207.44	208.93	211.77	213.04	214.73	214.68	216.38
G 10.0	193.94	194.75	195.14	197.33	199.08	202.30	205.66	209.19	213.25	216.38	220.36	221.96	224.37
G 15.0	175.46	181.17	180.77	189.66	192.39	199.00	204.24	209.20	215.60	219.80	225.53	228.21	231.14
G 20.0	151.23	160.06	156.04	172.63	177.74	193.59	201.03	209.23	217.84	223.27	230.15	231.37	236.45
G 25.0	118.98	134.12	126.68	145.28	146.76	176.49	188.03	204.35	220.74	226.37	232.32	233.62	238.26
G 30.0	30.51	70.54	53.99	107.79	103.71	143.99	161.26	182.08	216.75	231.14	239.03	242.27	244.22
G 35.0	6.37	8.62	6.09	30.35	27.17	81.75	96.30	130.60	198.16	205.15	239.74	231.65	251.28
G 40.0	5.25	5.64	4.37	4.32	3.66	14.44	16.20	21.68	118.00	134.35	187.62	178.14	209.29
G 45.0	4.87	4.60	4.07	3.59	3.22	3.49	3.99	4.80	22.10	31.57	100.67	66.71	116.09
G 50.0	4.60	4.42	3.76	3.50	3.08	3.21	3.51	4.30	5.30	5.92	10.93	6.63	16.49
G 55.0	4.12	3.89	3.15	2.94	2.43	2.64	3.00	3.88	4.78	5.18	5.82	6.00	6.63
G 60.0	3.30	3.23	2.34	2.25	1.69	1.86	2.27	3.23	4.11	4.64	5.22	5.28	6.20
G 65.0	2.38	2.31	1.64	1.62	1.29	1.44	2.16	3.10	3.14	3.49	4.09	3.97	4.91
G 70.0	1.50	1.63	1.09	1.19	0.93	1.62	2.27	2.68	2.79	2.07	2.61	2.52	3.94
G 75.0	0.70	0.86	0.58	0.74	0.62	1.07	1.52	1.73	1.55	1.06	1.46	1.34	1.96
G 80.0	0.31	0.41	0.23	0.37	0.30	0.45	0.54	0.68	0.72	0.57	0.74	0.67	0.99
G 85.0	0.12	0.11	0.13	0.14	0.14	0.19	0.21	0.29	0.41	0.32	0.41	0.37	0.45
G 90.0	0.13	0.13	0.13	0.13	0.13	0.13	0.12	0.15	0.17	0.17	0.20	0.23	0.26

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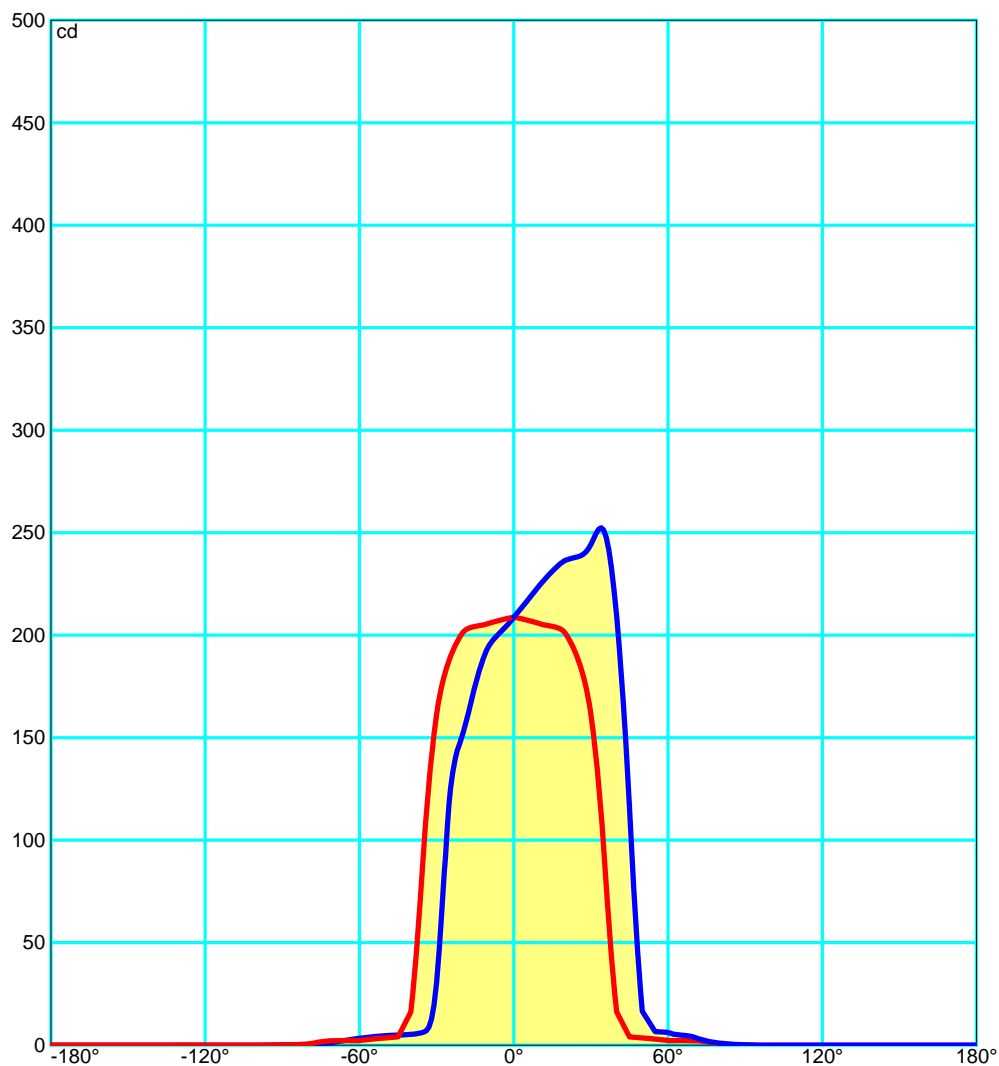
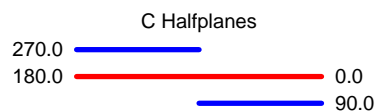
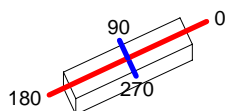
50mm x 220mm

C Halfplanes



Luminaire		Measurem.		Lamp			
Code	05-5078-21-21	Code	05-5078-21-21	Code	05-5078-21-21		
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Lamps Flux	262.50 lm	Maximum value	251.28 cd	Position	C=90.00 G=35.00	CG	Sym. on planes 270-90

50mm x 220mm



<b>Luminaire</b>		<b>Measur.</b>			<b>Lamp</b>		
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Lamps Flux	262.50 lm	Maximum value	251.28 cd	Position	C=90.00 G=35.00	CG	Sym. on planes 270-90

**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	ViewedCrosswise					ViewedEndwise				
x=2H y=2H	21.1	21.9	21.4	22.1	12.2	11.1	11.8	11.4	12.0	12.2
x=2H y=3H	21.1	21.8	21.4	22.0	13.1	11.9	12.6	12.2	12.8	13.1
x=2H y=4H	21.1	21.7	21.4	22.0	13.3	12.2	12.8	12.5	13.1	13.3
x=2H y=6H	21.0	21.6	21.4	21.9	13.4	12.2	12.8	12.6	13.1	13.4
x=2H y=8H	21.0	21.6	21.3	21.9	13.4	12.2	12.8	12.6	13.1	13.4
x=2H y=12H	21.0	21.5	21.3	21.8	13.4	12.2	12.7	12.6	13.1	13.4
x=4H y=2H	21.0	21.6	21.3	21.9	12.4	11.2	11.8	11.5	12.1	12.4
x=4H y=3H	21.0	21.5	21.3	21.8	13.3	12.2	12.7	12.5	13.0	13.3
x=4H y=4H	21.0	21.4	21.4	21.8	13.6	12.5	12.9	12.8	13.2	13.6
x=4H y=6H	21.0	21.4	21.4	21.7	13.7	12.6	13.0	13.0	13.3	13.7
x=4H y=8H	20.9	21.3	21.4	21.7	13.7	12.6	13.0	13.0	13.3	13.7
x=4H y=12H	20.9	21.2	21.3	21.6	13.7	12.6	12.9	13.0	13.3	13.7
x=8H y=4H	20.9	21.2	21.3	21.6	13.6	12.5	12.8	12.9	13.2	13.6
x=8H y=6H	20.9	21.2	21.3	21.6	13.8	12.6	12.9	13.1	13.3	13.8
x=8H y=8H	20.9	21.1	21.3	21.5	13.8	12.7	12.9	13.1	13.3	13.8
x=8H y=12H	20.8	21.0	21.3	21.5	13.8	12.7	12.8	13.1	13.3	13.8
x=12H y=4H	20.9	21.2	21.3	21.6	13.6	12.5	12.7	12.9	13.1	13.6
x=12H y=6H	20.8	21.1	21.3	21.5	13.7	12.6	12.8	13.1	13.3	13.7
x=12H y=8H	20.8	21.0	21.3	21.5	13.8	12.6	12.8	13.1	13.3	13.8

Luminaire		Measur.		Lamp			
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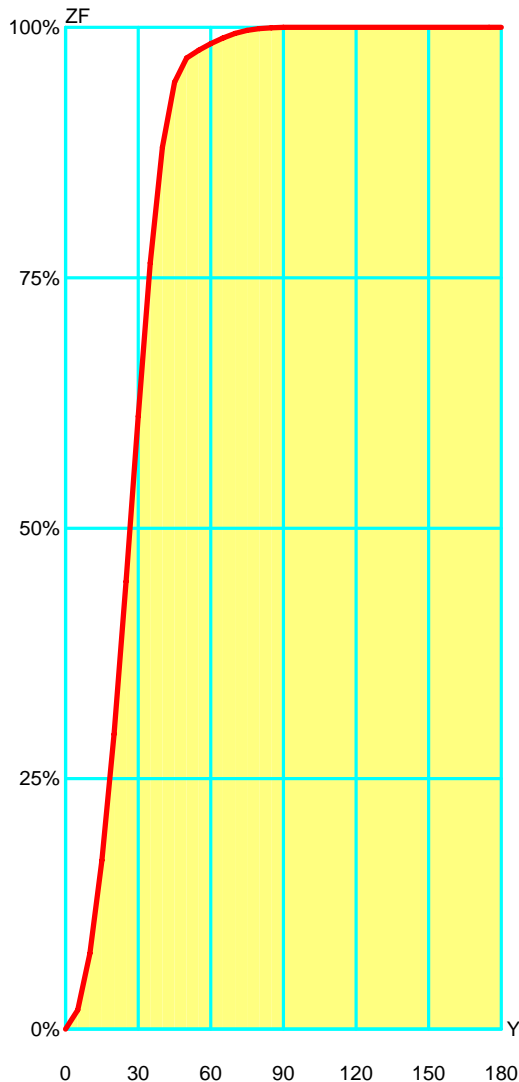
Total Flux=262.50 Luminaire Flux=262.49

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	0.66	0.71	0.77	0.81	0.84	0.89	0.92	0.95	0.97	0.98	1.00	1.01
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)	76	294	612	880	969	984	994	999	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000

CIE Flux Codes  
90 98 100 100 100

C.I.E.	-/-/-/-/-/-/-/-/-/-	LOR	99.99733 %
D DIN 5040	A60	ULOR	0.00000 %
F UTE	1.00 A	DLOR	99.99733 %
B NBN	BZ 1	UFF	0.00000 %
RN	0.00000 %	DFF	100.00000 %
BLF	1.0	FFR	0.00000 %



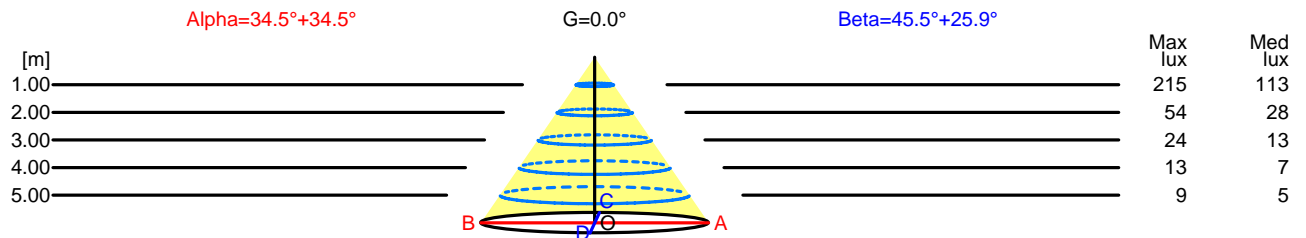
Zonal Flux				
Gamma °	Flux	Sum lm	Flux [%]	Sum [%]
0°	0.00	0.00	0.00%	0.00 %
5°	18.97	18.97	1.90 %	1.90 %
10°	56.55	75.53	5.66 %	7.55 %
15°	92.90	168.43	9.29 %	16.84 %
20°	125.99	294.42	12.60 %	29.44 %
25°	152.50	446.92	15.25 %	44.69 %
30°	164.85	611.77	16.49 %	61.18 %
35°	153.07	764.84	15.31 %	76.49 %
40°	115.47	880.31	11.55 %	88.03 %
45°	64.95	945.26	6.50 %	94.53 %
50°	24.02	969.28	2.40 %	96.93 %
55°	7.88	977.16	0.79 %	97.72 %
60°	6.60	983.76	0.66 %	98.38 %
65°	5.61	989.38	0.56 %	98.94 %
70°	4.50	993.88	0.45 %	99.39 %
75°	3.15	997.03	0.32 %	99.71 %
80°	1.71	998.75	0.17 %	99.88 %
85°	0.80	999.55	0.08 %	99.96 %
90°	0.42	999.97	0.04 %	100.00 %
95°	0.00	999.97	0.00 %	100.00 %
100°	0.00	999.97	0.00 %	100.00 %
105°	0.00	999.97	0.00 %	100.00 %
110°	0.00	999.97	0.00 %	100.00 %
115°	0.00	999.97	0.00 %	100.00 %
120°	0.00	999.97	0.00 %	100.00 %
125°	0.00	999.97	0.00 %	100.00 %
130°	0.00	999.97	0.00 %	100.00 %
135°	0.00	999.97	0.00 %	100.00 %
140°	0.00	999.97	0.00 %	100.00 %
145°	0.00	999.97	0.00 %	100.00 %
150°	0.00	999.97	0.00 %	100.00 %
155°	0.00	999.97	0.00 %	100.00 %
160°	0.00	999.97	0.00 %	100.00 %
165°	0.00	999.97	0.00 %	100.00 %
170°	0.00	999.97	0.00 %	100.00 %
175°	0.00	999.97	0.00 %	100.00 %
180°	0.00	999.97	0.00 %	100.00 %

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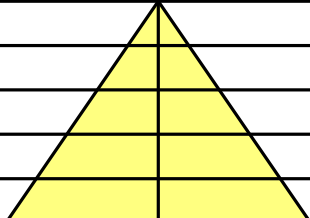
Width at 50.00 % of Max Intensity

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	0.69	1.37	2.06	2.75	3.44	OC	1.02	2.04	3.05	4.07	5.09
OB	0.69	1.37	2.06	2.75	3.44	OD	0.49	0.97	1.46	1.94	2.43

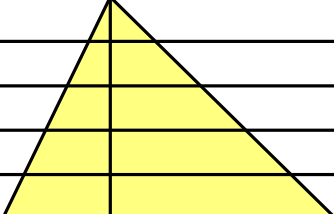
	Luminous Intensities [ cd ]									
	0	5	15	25	35	45	55	65	75	85
OA	208.73	207.44	204.24	188.03	96.30	3.99	3.00	2.16	1.52	0.21
OB	208.73	207.44	204.24	188.03	96.30	3.99	3.00	2.16	1.52	0.21
OC	208.73	216.38	231.14	238.26	251.28	116.09	6.63	4.91	1.96	0.45
OD	208.73	201.62	175.46	118.98	6.37	4.87	4.12	2.38	0.70	0.12



H[m]	D[m]	Max lux	Med lux	Alpha=34.5°+34.5°	G=0.0
1.00	1.37	215	113		
2.00	2.75	54	28		
3.00	4.12	24	13		
4.00	5.50	13	7		
5.00	6.87	9	5		



H[m]	D[m]	Max lux	Med lux	Beta=25.9°+45.5°	G=0.0
1.00	1.50	215	113		
2.00	3.01	54	28		
3.00	4.51	24	13		
4.00	6.02	13	7		
5.00	7.52	9	5		

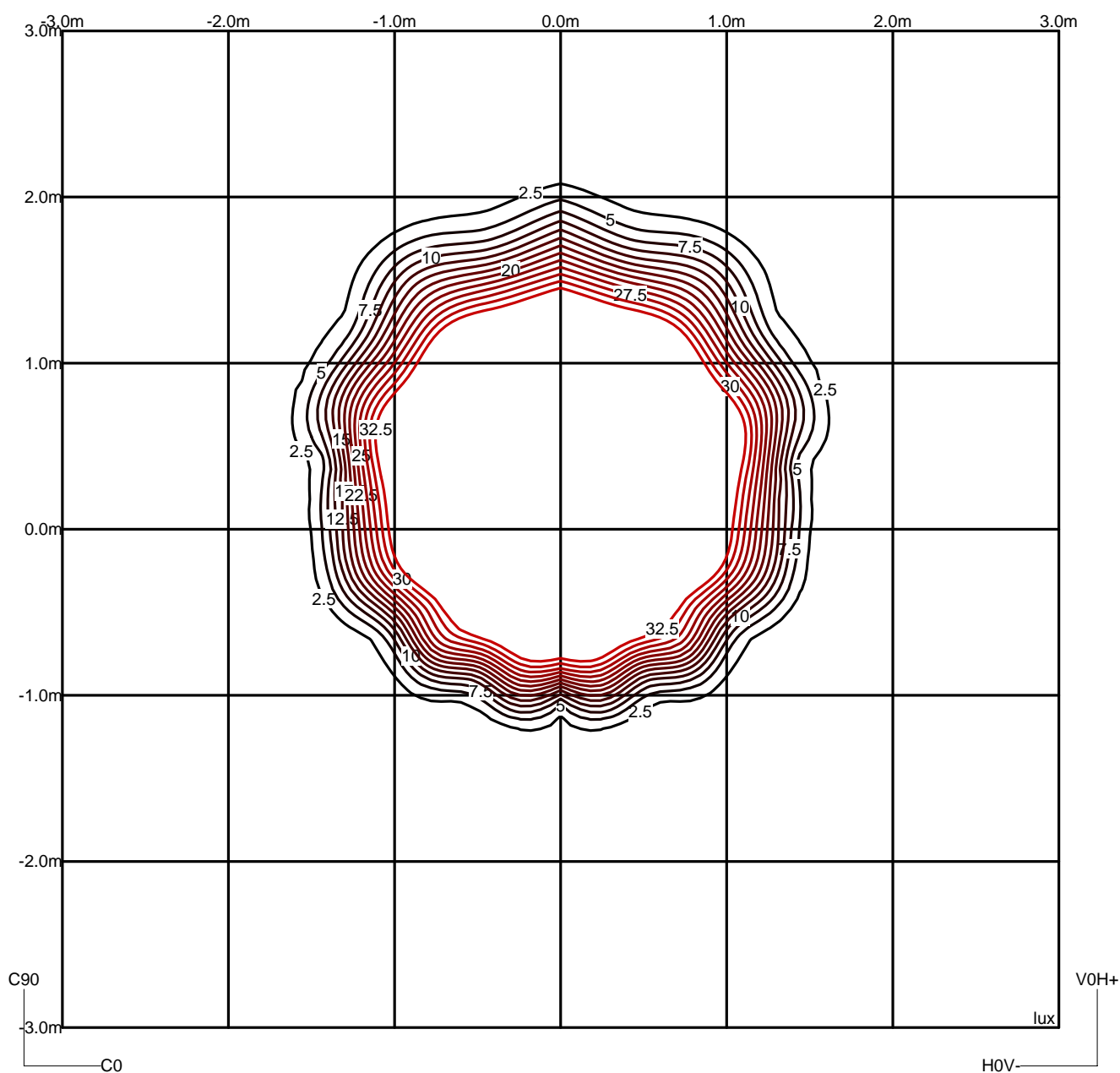




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Isolux (Floor)

Luminaire position X=0.00m Y=0.00m Z=1.80m



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Utilizations CIE

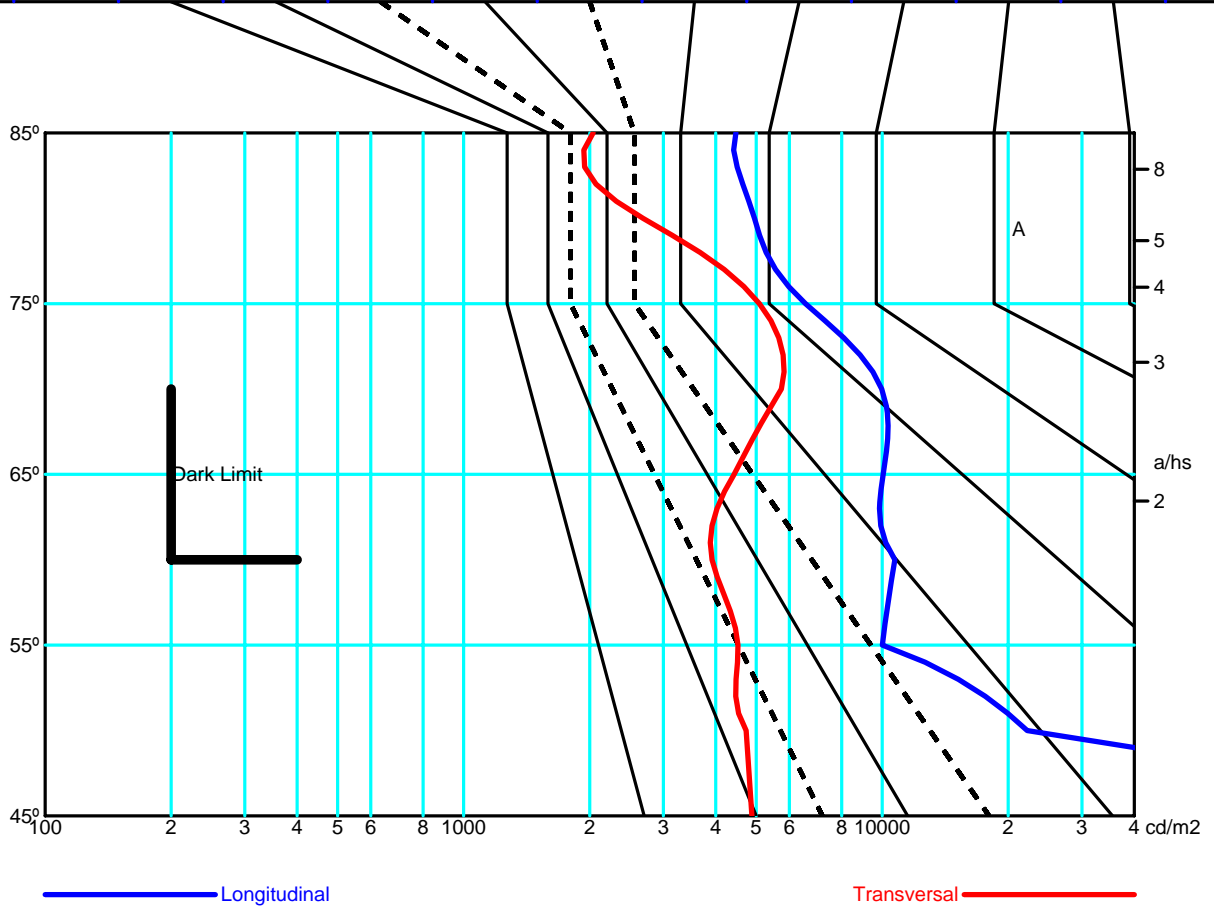
Mounting	Direct		Normalization		Normalised		Suspension Ratio <sup>b</sup> /3										Standard CIE Settings						
Ceiling																							
K	8873	8773	8871	8771	7773	7771	7753	7553	7751	7551	7731	7331	7711	7111	5551	5531	5331	5511	5111	3331	3311	1111	0000
0.60	171	153	104	94	146	90	97	82	56	48	34	26	18	12	45	27	24	14	11	23	12	10	0
0.80	203	187	112	103	177	99	126	110	66	58	43	34	25	18	54	36	32	21	17	30	18	16	0
1.00	226	210	113	105	200	101	150	134	71	64	49	40	32	24	60	42	38	27	23	36	24	21	0
1.25	248	234	113	107	222	103	175	159	76	70	56	47	39	32	66	48	45	35	30	43	31	28	0
1.50	265	252	113	108	240	104	195	179	80	74	61	53	46	38	70	54	51	41	36	48	37	33	0
2.00	287	276	108	105	263	101	225	211	83	79	68	61	56	48	74	62	59	51	46	56	46	43	0
2.50	303	293	105	103	280	99	247	234	85	82	74	67	63	56	78	67	65	58	54	62	54	50	0
3.00	314	305	103	101	292	98	264	252	87	84	77	72	69	62	80	72	69	64	60	66	60	56	0
4.00	330	323	102	100	309	98	287	277	90	88	83	79	77	71	84	78	76	72	69	73	68	65	0
5.00	341	335	102	101	321	98	303	294	92	90	87	83	82	77	87	82	80	78	75	78	74	71	0
10.00	364	361	102	101	346	99	338	332	98	96	96	94	94	91	93	92	91	91	89	89	87	84	0
20.00	377	375	102	102	361	100	357	355	101	100	101	100	101	99	97	98	97	98	97	95	95	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	311	302	227	222	297	219	234	227	177	173	148	145	128	126	172	146	144	126	125	144	126	125	103
0.80	345	335	241	236	328	232	267	258	194	190	166	162	146	143	187	162	161	144	142	160	142	141	115
1.00	361	351	239	234	341	230	285	275	197	193	172	167	153	149	189	167	165	150	148	164	148	146	117
1.25	378	368	238	234	356	230	304	293	201	197	178	173	160	156	192	172	171	157	154	168	154	151	119
1.50	389	379	236	232	365	227	317	307	202	198	182	177	165	161	193	175	174	161	158	170	157	154	119
2.00	390	382	217	214	365	209	325	315	190	187	174	169	160	155	180	167	165	155	152	161	150	146	108
2.50	386	378	198	196	359	190	325	315	176	173	163	159	152	147	166	155	153	146	143	148	140	135	94
3.00	376	370	178	177	349	171	320	311	160	157	150	146	141	136	150	141	140	134	131	134	128	122	79
4.00	373	367	162	161	345	155	322	313	147	145	139	136	133	128	136	130	129	124	122	122	117	111	65
5.00	368	363	148	147	339	142	320	312	135	134	130	126	124	120	125	120	119	115	113	111	107	100	53
10.00	326	323	88	87	295	82	286	281	80	78	78	76	76	73	68	67	66	65	64	57	56	47	0
20.00	237	235	0	0	205	0	202	199	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	854	844	797	791	838	788	761	755	733	729	696	693	670	668	727	693	692	668	667	691	667	667	657
0.80	928	916	854	849	906	843	831	822	792	788	756	751	728	725	784	751	749	726	724	748	724	723	713
1.00	990	977	902	896	964	890	893	882	845	840	811	806	785	780	834	805	803	781	779	800	778	776	767
1.25	1000	1000	939	934	1000	927	947	935	887	882	856	850	831	826	875	848	846	826	823	842	822	819	810
1.50	1000	1000	965	960	1000	952	987	974	917	912	889	882	866	859	903	879	877	859	856	872	854	849	841
2.00	1000	1000	1000	999	1000	991	1000	1000	964	959	942	935	923	916	949	930	927	914	910	921	907	900	892
2.50	1000	1000	1000	1000	1000	1000	1000	1000	993	989	975	969	960	952	977	962	960	949	945	951	940	932	925
3.00	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	999	993	986	979	997	985	982	974	970	973	964	955	947
4.00	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	999	995	992	986	975
5.00	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	999	986	979
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: 1.155 SHR C90-C270: 1.605 SHR Square: 1.218

Luminaire		Measur.				Lamp	
Code	05-5078-21-21	Code	05-5078-21-21		Code	05-5078-21-21	
Name	Aplique EOS led 4.5W	Name	Aplique EOS led 4.5W		Number	1	
Line	- LEDS C4 LEDS	Date	17-09-2015		Position	Universal	
Luminaire Flux	262.49 lm	Luminaire Power	4.00 W	Efficacy	65.62 lm/W	Efficiency	100.00%
Lamps Flux	262.50 lm	Maximum value	251.28 cd	Position	C=90.00 G=35.00	CG Sym.	on planes 270-90

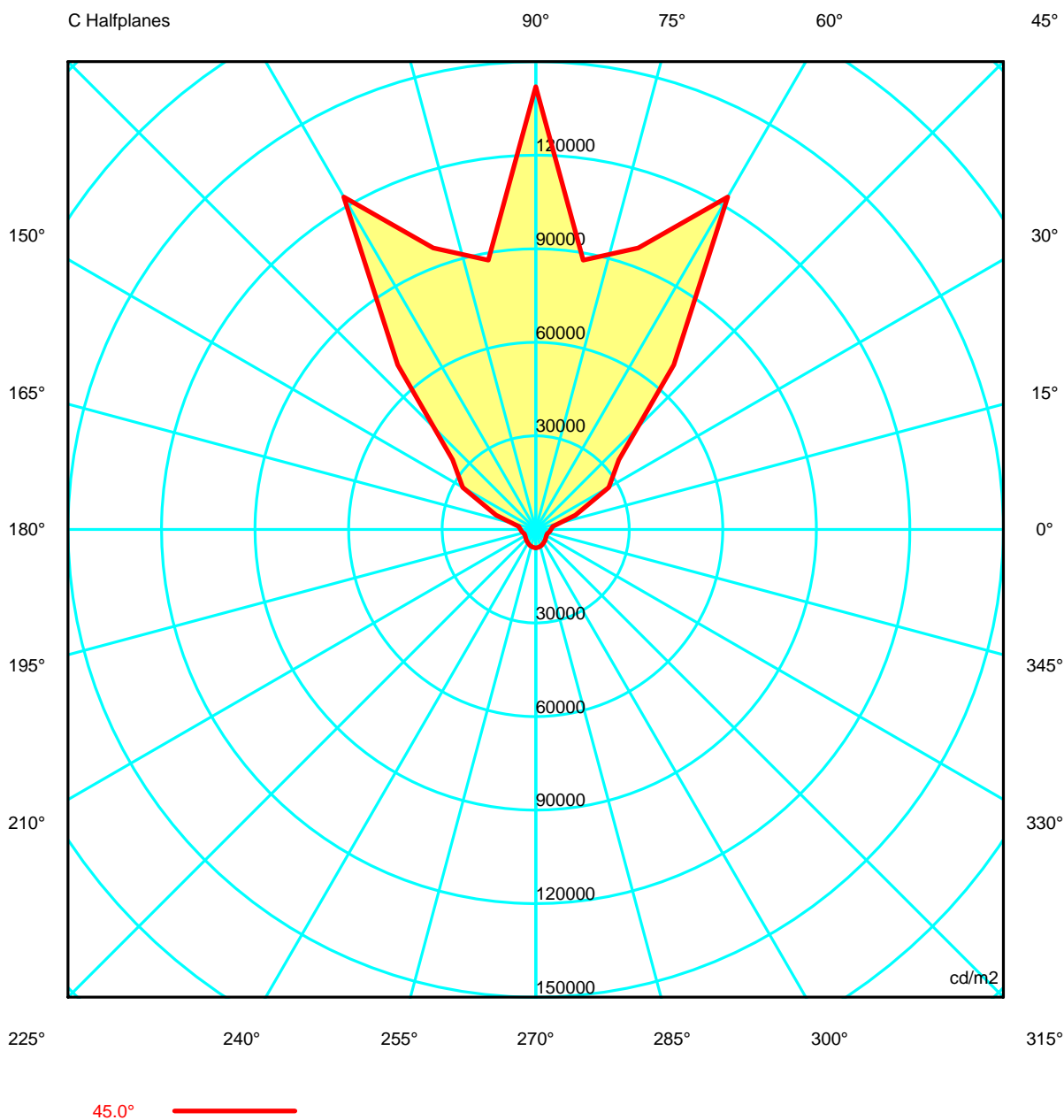
Average Luminance [cd/m <sup>2</sup> ]										
0.0°	45°	50°	55°	60°	65°	70°	75°	80°	85°	---
90.0°	142021	22194	10003	10720	10056	9974	6559	4953	4469	---

Flush mounted or longitudinal view												
		Illumination(lx)										
A	A	2000	1000	750	500		<300					1.15
B	1		2000	1500	1000	750	500	<300				1.5
C					2000		1000	500	<300			1.85
D	2						2000	1000	500	<300		2.2
E	3							2000	1000	500	<300	2.55



Luminaire		Measur.		Lamp			
Code	05-5078-21-21	Code	05-5078-21-21	Code	05-5078-21-21		
Name	Aplique EOS led 4.5W	Name	Aplique EOS led 4.5W	Number	1		
Line	- LEDS C4 LEDS	Date	17-09-2015	Position	Universal		
Luminaire Flux	262.49 lm	Luminaire Power	4.00 W	Efficacy	65.62 lm/W	Efficiency	100.00%
Lamps Flux	262.50 lm	Maximum value	251.28 cd	Position	C=90.00 G=35.00	CG	Sym. on planes 270-90

Luminance



Luminaire		Measur.				Lamp							
Code	05-5078-21-21	Code	05-5078-21-21		Code	05-5078-21-21							
Name	Aplique EOS led 4.5W	Name	Aplique EOS led 4.5W		Number	1							
Line	- LEDS C4 LEDS	Date	17-09-2015		Position	Universal							
Luminaire Flux	262.49 lm	Luminaire Power	4.00 W	Efficacy	65.62 lm/W	Efficiency	100.00%						
Lamps Flux	262.50 lm	Maximum value	251.28 cd	Position	C=90.00 G=35.00	CG	Sym. on planes 270-90						
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	180562.03	180562.03	180562.03	180562.03	180562.03	180562.03	180562.03	180562.03	180562.03	180562.03	180562.03	180562.03	180562.03
G 5.0	180130.52	180787.67	182265.57	183894.23	184643.10	185520.03	186460.90	186418.39	186716.32	187891.04	186716.32	186418.39	186460.90
G 10.0	180651.69	182641.88	184974.46	187317.74	189092.15	191277.50	193559.77	194584.38	195544.93	197083.64	195544.93	194584.38	193559.77
G 15.0	182911.89	185683.05	189312.72	193083.34	195543.19	198546.87	201976.30	203750.04	205143.38	207002.98	205143.38	203750.04	201976.30
G 20.0	185058.58	189760.27	195518.87	200540.68	203777.49	207813.60	211864.72	212674.72	214044.26	217671.80	214044.26	212674.72	211864.72
G 25.0	179470.96	188946.38	201129.09	210695.87	214672.66	218018.17	221747.01	222630.48	224008.21	227410.62	224008.21	222630.48	221747.01
G 30.0	161076.37	172539.95	193655.87	216505.25	227843.36	233785.40	238763.70	241285.22	242653.27	243947.79	242653.27	241285.22	238763.70
G 35.0	101694.85	119069.50	163879.67	209263.26	214585.93	227741.42	253171.60	248581.48	247090.33	265363.10	247090.33	248581.48	253171.60
G 40.0	18289.42	22419.34	58409.94	133255.80	146887.92	170281.56	211873.17	206449.66	205932.49	236340.22	205932.49	206449.66	211873.17
G 45.0	4882.69	5543.54	13515.96	27042.38	34764.38	68908.03	123151.76	96086.76	87725.09	142020.82	87725.09	96086.76	123151.76
G 50.0	4730.07	5294.45	6232.61	7133.13	7685.08	10679.04	14709.35	10195.48	11080.03	22193.62	11080.03	10195.48	14709.35
G 55.0	4521.62	5333.40	6367.88	7213.21	7606.00	8138.77	8779.11	8956.50	9278.41	10002.79	9278.41	8956.50	8779.11
G 60.0	3920.73	4972.54	6164.84	7102.65	7715.79	8421.03	9031.53	9038.45	9488.68	10719.75	9488.68	9038.45	9031.53
G 65.0	4427.54	5856.29	6369.08	6417.29	6742.28	7646.20	8371.55	8123.25	8506.85	10055.51	8506.85	8123.25	8371.55
G 70.0	5742.88	6457.38	7107.83	7047.19	5630.79	5535.15	6604.55	6301.73	7124.41	9973.64	7124.41	6301.73	6604.55
G 75.0	5090.53	5655.90	5788.12	5175.19	3836.67	3859.46	4863.56	4557.78	4854.17	6558.60	4854.17	4557.78	4863.56
G 80.0	2679.46	3119.44	3574.92	3580.51	2943.25	3058.89	3706.07	3404.38	3628.01	4952.92	3628.01	3404.38	3706.07
G 85.0	2038.76	2469.45	3404.43	4037.73	3412.17	3409.24	4112.22	3825.66	3749.53	4469.18	3749.53	3825.66	4112.22
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

<b>Luminaire</b>	<b>Code</b> 05-5078-21-21	<b>Measur.</b>	<b>Code</b> 05-5078-21-21	<b>Lamp</b>	<b>Code</b> 05-5078-21-21
<b>Name</b>	Aplique EOS led 4.5W	<b>Name</b>	Aplique EOS led 4.5W	<b>Number</b>	1
<b>Line</b>	- LEDS C4 LEDS	<b>Date</b>	17-09-2015	<b>Position</b>	Universal

<b>Luminaire Flux</b>	262.49 lm	<b>Luminaire Power</b>	4.00 W	<b>Efficacy</b>	65.62 lm/W	<b>Efficiency</b>	100.00%
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<b>Lamps Flux</b>	262.50 lm	<b>Maximum value</b>	251.28 cd	<b>Position</b>	C=90.00 G=35.00	<b>CG Sym.</b>	on planes 270-90
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**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	180562.03	180562.03	180562.03	180562.03	180562.03	180562.03	180562.03	180562.03	180562.03	180562.03	180562.03	180562.03	180562.03
G 5.0	185520.03	184643.10	183894.23	182265.57	180787.67	180130.52	179809.12	178372.85	176491.13	176349.12	176051.93	175184.50	174588.32
G 10.0	191277.50	189092.15	187317.74	184974.46	182641.88	180651.69	178708.96	176659.10	174874.66	173846.09	172656.41	171406.61	171103.24
G 15.0	198546.87	195543.19	193083.34	189312.72	185683.05	182911.89	180055.35	176007.31	172297.19	171134.87	167197.89	161889.37	161969.70
G 20.0	207813.60	203777.49	200540.68	195518.87	189760.27	185058.58	181444.05	173192.78	163625.40	161184.80	153746.33	143648.26	145708.40
G 25.0	218018.17	214672.66	210695.87	201129.09	188946.38	179470.96	174124.71	158632.26	140076.64	139138.09	133132.02	120914.63	125485.04
G 30.0	233785.40	227843.36	216505.25	193655.87	172539.95	161076.37	153071.76	128567.25	103595.57	110188.97	90970.31	53925.78	64130.49
G 35.0	227741.42	214585.93	209263.26	163879.67	119069.50	101694.85	96253.56	66771.39	28693.80	29888.90	25915.00	6431.66	8212.66
G 40.0	170281.56	146887.92	133255.80	58409.94	22419.34	18289.42	16968.99	11656.95	4135.64	3968.80	4897.72	4931.25	5891.46
G 45.0	68908.03	34764.38	27042.38	13515.96	5543.54	4882.69	4477.19	3918.45	3939.48	4228.42	4574.93	4976.97	5429.66
G 50.0	10679.04	7685.08	7133.13	6232.61	5294.45	4730.07	4440.68	4201.15	4138.59	4509.31	4815.51	5055.30	5665.72
G 55.0	8138.77	7606.00	7213.21	6367.88	5333.40	4521.62	4126.24	3794.81	3664.04	4176.75	4547.99	4757.15	5503.73
G 60.0	8421.03	7715.79	7102.65	6164.84	4972.54	3920.73	3397.62	3016.30	2929.01	3608.90	3944.10	4053.35	5082.54
G 65.0	7646.20	6742.28	6417.29	6369.08	5856.29	4427.54	3320.95	2700.45	2640.70	3139.39	3329.11	3353.88	4274.93
G 70.0	5535.15	5630.79	7047.19	7107.83	6457.38	5742.88	4752.16	3349.72	2351.65	2786.98	2947.09	2749.39	3673.20
G 75.0	3859.46	3836.67	5175.19	5788.12	5655.90	5090.53	4168.95	2929.64	2066.42	2351.70	2311.34	1938.12	2577.62
G 80.0	3058.89	2943.25	3580.51	3574.92	3119.44	2679.46	2418.52	1918.09	1482.53	1787.52	1609.91	1129.22	1719.83
G 85.0	3409.24	3412.17	4037.73	3404.43	2469.45	2038.76	1946.80	1720.70	1385.90	1389.48	1354.07	1279.67	1128.15
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

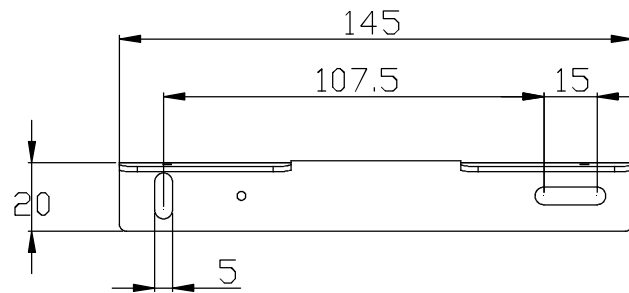
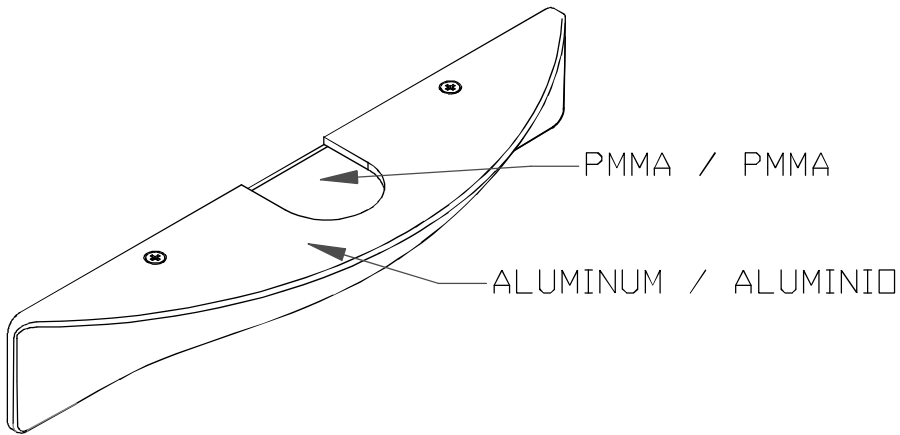
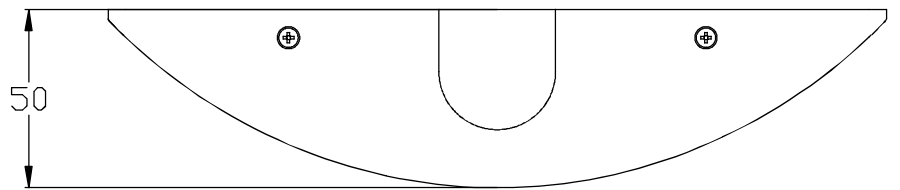
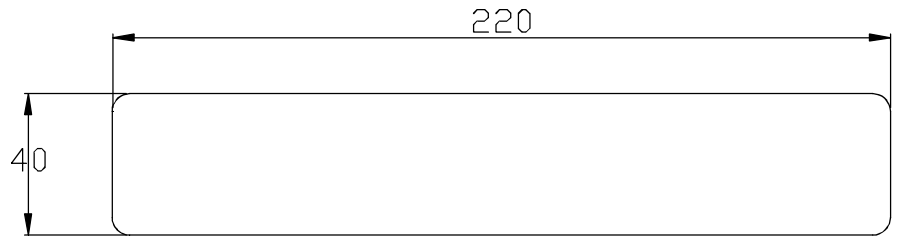
<b>Luminaire</b>	<b>Code</b> 05-5078-21-21	<b>Measur.</b>	<b>Code</b> 05-5078-21-21	<b>Lamp</b>	<b>Code</b> 05-5078-21-21
	<b>Name</b> Aplique EOS led 4.5W		<b>Name</b> Aplique EOS led 4.5W		<b>Number</b> 1
	<b>Line</b> - LEDS C4 LEDS		<b>Date</b> 17-09-2015		<b>Position</b> Universal

Luminaire Flux	262.49 lm	Luminaire Power	4.00 W	Efficacy	65.62 lm/W	Efficiency	100.00%
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Lamps Flux	262.50 lm	Maximum value	251.28 cd	Position	C=90.00 G=35.00	CG Sym. on planes	270-90
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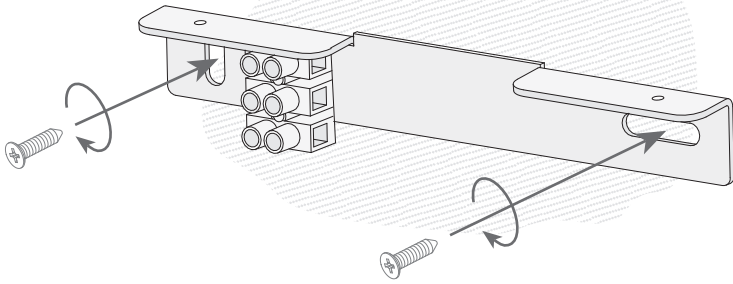
**Luminance cd/m2 Table 3/3**

	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	180562.03	180562.03	180562.03	180562.03	180562.03	180562.03	180562.03	180562.03	180562.03	180562.03
G 5.0	174602.96	175082.20	174602.96	174588.32	175184.50	176051.93	176349.12	176491.13	178372.85	179809.12
G 10.0	170910.90	170352.51	170910.90	171103.24	171406.61	172656.41	173846.09	174874.66	176659.10	178708.96
G 15.0	161360.54	157140.39	161360.54	161969.70	161889.37	167197.89	171134.87	172297.19	176007.31	180055.35
G 20.0	146410.22	139215.25	146410.22	145708.40	143648.26	153746.33	161184.80	163625.40	173192.78	181444.05
G 25.0	126175.30	113562.16	126175.30	125485.04	120914.63	133132.02	139138.09	140076.64	158632.26	174124.71
G 30.0	65122.91	30477.49	65122.91	64130.49	53925.78	90970.31	110188.97	103595.57	128567.25	153071.76
G 35.0	9909.13	6724.38	9909.13	8212.66	6431.66	25915.00	29888.90	28693.80	66771.39	96253.56
G 40.0	6481.90	5933.16	6481.90	5891.46	4931.25	4897.72	3968.80	4135.64	11656.95	16968.99
G 45.0	5766.08	5955.02	5766.08	5429.66	4976.97	4574.93	4228.42	3939.48	3918.45	4477.19
G 50.0	6112.81	6187.47	6112.81	5665.72	5055.30	4815.51	4509.31	4138.59	4201.15	4440.68
G 55.0	6088.71	6209.68	6088.71	5503.73	4757.15	4547.99	4176.75	3664.04	3794.81	4126.24
G 60.0	5621.31	5704.67	5621.31	5082.54	4053.35	3944.10	3608.90	2929.01	3016.30	3397.62
G 65.0	4778.88	4878.24	4778.88	4274.93	3353.88	3329.11	3139.39	2640.70	2700.45	3320.95
G 70.0	4233.82	3796.02	4233.82	3673.20	2749.39	2947.09	2786.98	2351.65	3349.72	4752.16
G 75.0	2906.29	2351.39	2906.29	2577.62	1938.12	2311.34	2351.70	2066.42	2929.64	4168.95
G 80.0	2051.32	1529.04	2051.32	1719.83	1129.22	1609.91	1787.52	1482.53	1918.09	2418.52
G 85.0	1084.51	1168.72	1084.51	1128.15	1279.67	1354.07	1389.48	1385.90	1720.70	1946.80
G 90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

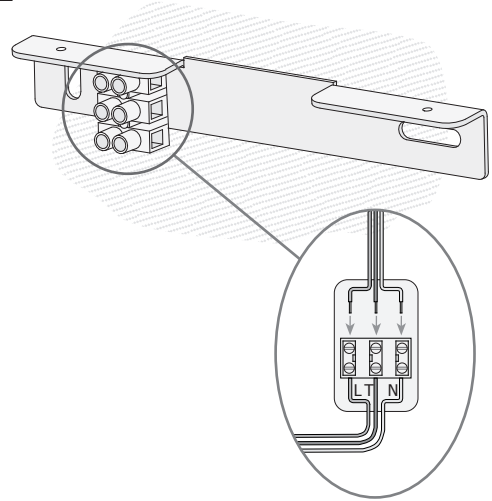




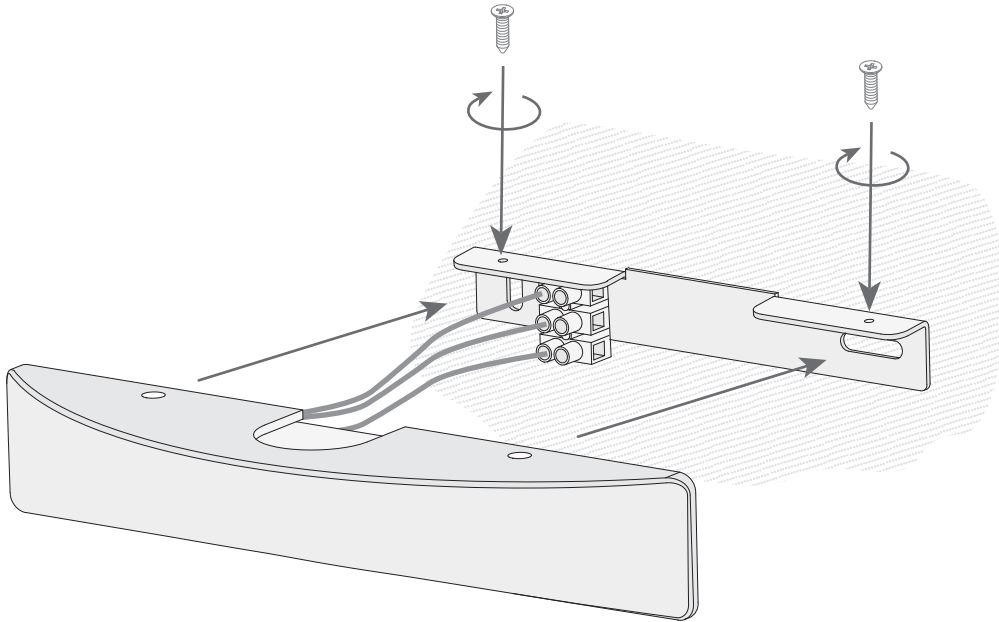
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