



Nemesis Aluminium 90*220mm

LedsC4 Team

Aplicue IP54 Nemesis Aluminium 90*220mm E27 15W Gris urbano 273lm

Características técnicas

Potencia total luminaria: 15W

Ángulo Ópticas / Reflector: FLOOD 95°

Material de la estructura: Aluminio

Acabado estructura: Gris urbano

Material del difusor: Cristal

Acabado difusor: Mate

Medida máx. de la bombilla: 155/NA mm

Bombilla recomendada: E27

Voltaje / Frecuencia: 100-240V/50-60Hz

Garantía: 5 años

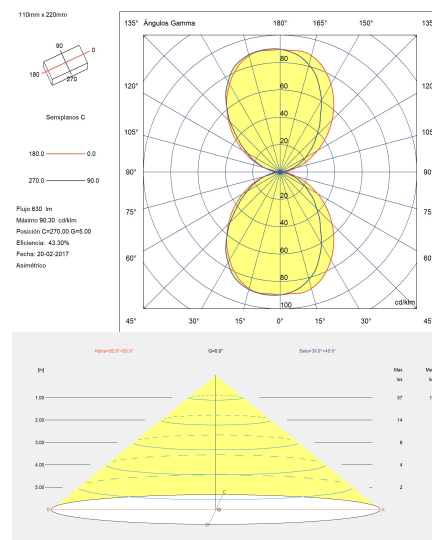
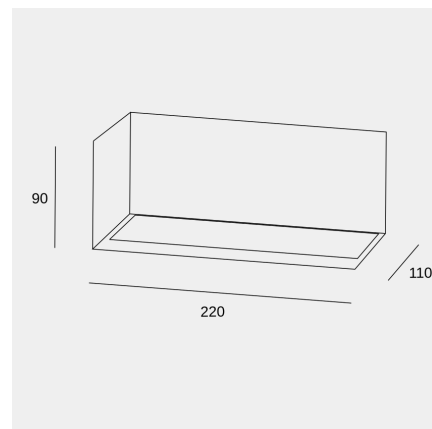
Resistencia ambientes marinos: Sí

Luminaria fácilmente reciclable



Características luminotécnicas

Portalámparas	Cantidad	Potencia fuente de luz (W)	Temperatura de color correlacionada (CCT)
E27	1	Potencia máx. 15W	-



La imagen puede no coincidir con la referencia, LedsC4 se reserva el derecho de modificación de alguno de los componentes que componen el producto. Los datos relativos al flujo, la potencia y la temperatura de color pueden estar sujetos a cambios del fabricante.



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Logística



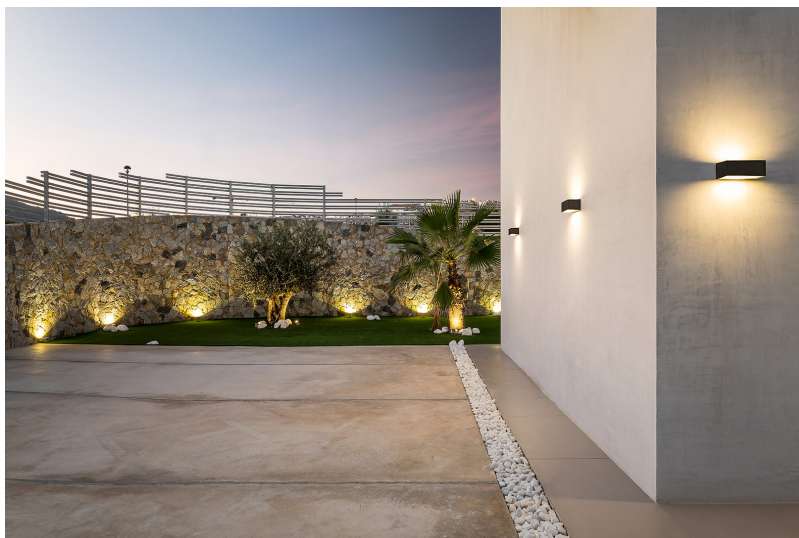
x 6

Peso neto (Kg): 1.34

Peso embalado (Kg): 1.45

Embalaje: 240mm x 110mm x 125mm

Aplicación de la luminaria



La imagen puede no coincidir con la referencia, LedsC4 se reserva el derecho de modificación de alguno de los componentes que componen el producto. Los datos relativos al flujo, la potencia y la temperatura de color pueden estar sujetos a cambios del fabricante.



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Accesorios incluidos



Difusor

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Luminaire

Code 05-9649-Z5-T2V1
Name Aplique NEMESIS 1x60W E27 opal

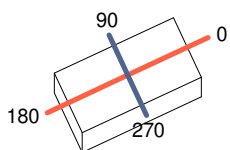
Measurem.

Code 05-9649-Z5-T2V1
Name Aplique NEMESIS 1x60W E27 opal

Luminaire Flux	273 lm	Luminaire Power	42.0 W	Efficacy	6.496 lm/W	Efficiency	43.30%
Source Flux	630 lm	Maximum value	90.30 cd/klm	Position	C=270.00 G=5.00	CG	Asymmetrical
Rectangular Luminaire		Length	110 mm	Width	220 mm	Height	90 mm
Rectangular Luminous Area		Length	70 mm	Width	205 mm	Height	90 mm
Horizontal Luminous Area		0.014350 m2		Emitting area on Plane 180°		0.006300 m2	
Emitting area on Plane 0°		0.006300 m2		Emitting area on Plane 270°		0.018450 m2	
Emitting area on Plane 90°		0.018450 m2		Glare area at 76°		0.009584 m2	
Coordinate system		CG		Symmetry Type		Asymmetrical	
Date		20-02-2017		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		630 lm	
Operator		Asselum T2		Rated Voltage			
Temperature				Rated Current			
Humidity				Photocell			
Notes							

Luminaire Sources						
Line	Code	Name	Flux [lm]	Pow. [W]	Q.ty	
	LED	ECOClassic 42W 230	630.00	42.00	1	
C.I.E.	53 83 96 50 43	D DIN 5040	C41			
F UTE	0.22 D + 0.22 T	B NBN	BZ 4			

110mm x 220mm



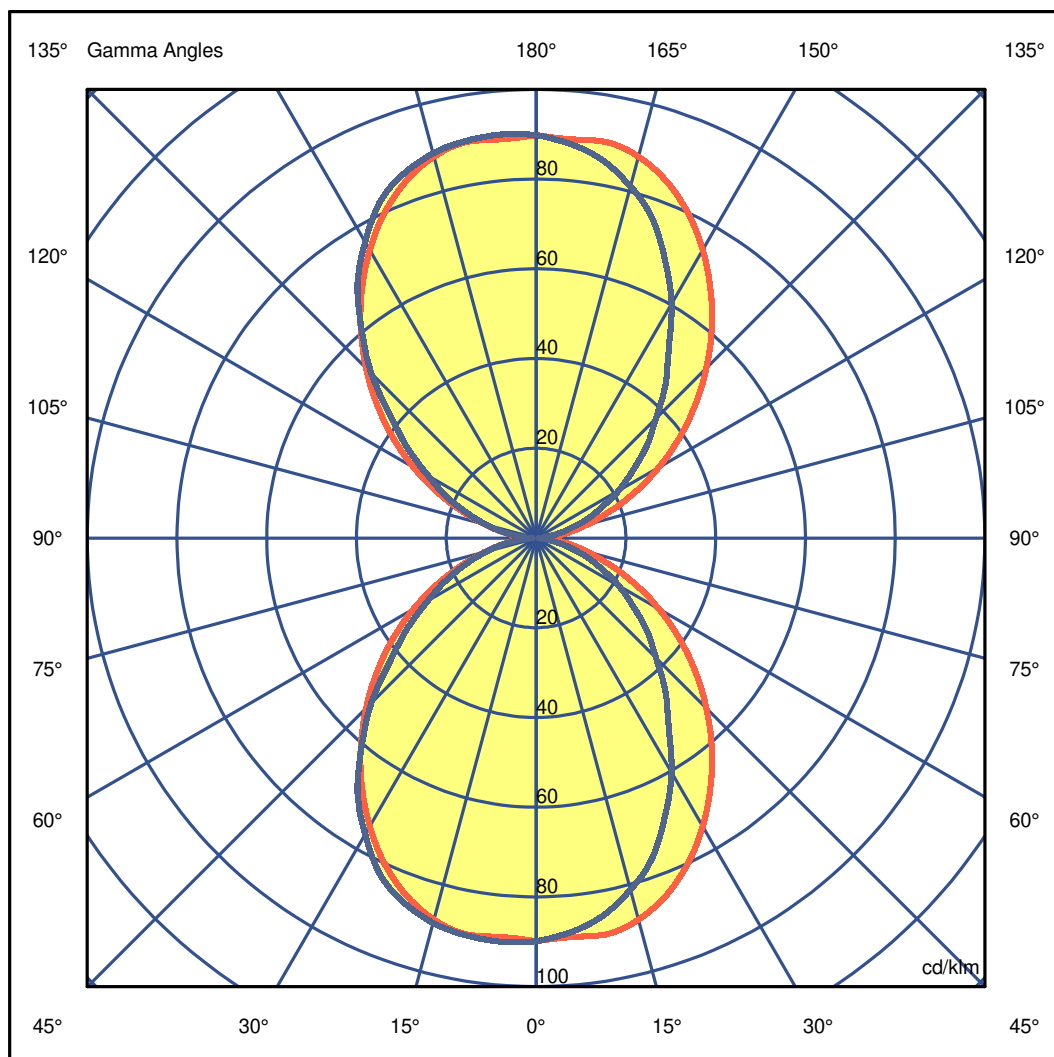
C Halfplanes

180.0 — 0.0
270.0 — 90.0

ULOR 21.65 %

DLOR 21.65 %

RN 50.00 %



Luminaire

Code 05-9649-Z5-T2V1
 Name Applique NEMESIS 1x60W E27 opal
Measurment.
 Code 05-9649-Z5-T2V1
 Name Applique NEMESIS 1x60W E27 opal

Luminaire Flux	273 lm		Luminaire Power		42.0 W		Efficacy		6.496 lm/W		Efficiency		43.30%	
Source Flux	630 lm		Maximum value		90.30 cd/klm		Position		C=270.00 G=5.00		CG Asymmetrical			
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	C 105.00	C 120.00	C 135.00	C 150.00	C 165.00		
G 0.0	89.83	89.83	89.83	89.83	89.83	89.83	89.83	89.83	89.83	89.83	89.83	89.83	89.83	89.83
G 5.0	89.23	88.80	88.45	88.20	88.07	88.06	88.17	88.06	88.07	88.20	88.45	88.80	89.23	89.83
G 10.0	89.66	88.77	88.03	86.48	85.48	85.28	85.47	85.28	85.48	86.48	88.03	88.77	89.66	89.83
G 15.0	88.04	86.84	85.59	84.40	82.35	81.13	81.15	81.13	82.35	84.40	85.59	86.84	88.04	89.66
G 20.0	84.73	83.39	81.93	80.47	78.39	76.41	75.74	76.41	78.39	80.47	81.93	83.39	84.73	89.83
G 25.0	79.97	78.34	76.57	74.77	72.29	68.85	68.05	68.85	72.29	74.77	76.57	78.34	79.97	89.83
G 30.0	74.17	72.31	70.20	67.89	64.91	61.50	60.32	61.50	64.91	67.89	70.20	72.31	74.17	89.83
G 35.0	67.72	65.69	63.02	59.71	56.62	53.48	51.45	53.48	56.62	59.71	63.02	65.69	67.72	89.83
G 40.0	60.81	58.72	55.64	51.62	48.44	46.13	44.81	46.13	48.44	51.62	55.64	58.72	60.81	89.83
G 45.0	53.62	51.47	48.03	44.04	41.21	39.47	37.73	39.47	41.21	44.04	48.03	51.47	53.62	89.83
G 50.0	46.30	44.08	40.57	36.89	34.63	33.27	32.23	33.27	34.63	36.89	40.57	44.08	46.30	89.83
G 55.0	38.93	36.68	33.45	30.44	28.38	27.48	26.23	27.48	28.38	30.44	33.45	36.68	38.93	89.83
G 60.0	31.57	29.39	26.62	24.51	22.92	21.94	21.26	21.94	22.92	24.51	26.62	29.39	31.57	89.83
G 65.0	24.34	22.40	20.26	18.97	17.72	16.80	16.02	16.80	17.72	18.97	20.26	22.40	24.34	89.83
G 70.0	17.63	16.05	14.44	13.59	12.83	11.95	11.69	11.95	12.83	13.59	14.44	16.05	17.63	89.83
G 75.0	11.90	10.71	9.45	8.67	8.28	7.76	7.21	7.76	8.28	8.67	9.45	10.71	11.90	89.83
G 80.0	7.44	6.63	5.67	4.86	4.36	4.19	3.85	4.19	4.36	4.86	5.67	6.63	7.44	89.83
G 85.0	3.93	3.52	3.00	2.48	1.94	1.55	0.89	1.55	1.94	2.48	3.00	3.52	3.93	89.83
G 90.0	0.89	0.89	0.89	0.89	0.93	0.93	0.49	0.93	0.93	0.89	0.89	0.89	0.89	89.83
G 95.0	3.93	3.52	3.00	2.48	1.94	1.55	0.89	1.55	1.94	2.48	3.00	3.52	3.93	89.83
G100.0	7.44	6.63	5.67	4.86	4.36	4.19	3.85	4.19	4.36	4.86	5.67	6.63	7.44	89.83
G105.0	11.90	10.71	9.45	8.67	8.28	7.76	7.21	7.76	8.28	8.67	9.45	10.71	11.90	89.83
G110.0	17.63	16.05	14.44	13.59	12.83	11.95	11.69	11.95	12.83	13.59	14.44	16.05	17.63	89.83
G115.0	24.34	22.40	20.26	18.97	17.72	16.80	16.02	16.80	17.72	18.97	20.26	22.40	24.34	89.83
G120.0	31.57	29.39	26.62	24.51	22.92	21.94	21.26	21.94	22.92	24.51	26.62	29.39	31.57	89.83
G125.0	38.93	36.68	33.45	30.44	28.38	27.48	26.23	27.48	28.38	30.44	33.45	36.68	38.93	89.83
G130.0	46.30	44.08	40.57	36.89	34.63	33.27	32.23	33.27	34.63	36.89	40.57	44.08	46.30	89.83
G135.0	53.62	51.47	48.03	44.04	41.21	39.47	37.73	39.47	41.21	44.04	48.03	51.47	53.62	89.83
G140.0	60.81	58.72	55.64	51.62	48.44	46.13	44.81	46.13	48.44	51.62	55.64	58.72	60.81	89.83
G145.0	67.72	65.69	63.02	59.71	56.62	53.48	51.45	53.48	56.62	59.71	63.02	65.69	67.72	89.83
G150.0	74.17	72.31	70.20	67.89	64.91	61.50	60.32	61.50	64.91	67.89	70.20	72.31	74.17	89.83
G155.0	79.97	78.34	76.57	74.77	72.29	68.85	68.05	68.85	72.29	74.77	76.57	78.34	79.97	89.83
G160.0	84.73	83.39	81.93	80.47	78.39	76.41	75.74	76.41	78.39	80.47	81.93	83.39	84.73	89.83
G165.0	88.04	86.84	85.59	84.40	82.35	81.13	81.15	81.13	82.35	84.40	85.59	86.84	88.04	89.83
G170.0	89.66	88.77	88.03	86.48	85.48	85.28	85.47	85.28	85.48	86.48	88.03	88.77	89.66	89.83
G175.0	89.23	88.80	88.45	88.20	88.07	88.06	88.17	88.06	88.07	88.20	88.45	88.80	89.23	89.83
G180.0	89.83	89.83	89.83	89.83	89.83	89.83	89.83	89.83	89.83	89.83	89.83	89.83	89.83	89.83
	C 180.00	C 195.00	C 210.00	C 225.00	C 240.00	C 255.00	C 270.00	C 285.00	C 300.00	C 315.00	C 330.00	C 345.00		
G 0.0	89.83	89.83	89.83	89.83	89.83	89.83	89.83	89.83	89.83	89.83	89.83	89.83	89.83	89.83
G 5.0	89.23	89.39	89.58	89.77	89.97	90.15	90.30	90.15	89.97	89.77	89.58	89.39	89.23	89.83
G 10.0	89.66	89.50	89.38	89.39	89.48	89.66	89.90	89.66	89.48	89.39	89.38	89.50	89.66	89.83
G 15.0	88.04	88.79	89.34	89.62	88.89	88.39	88.80	88.39	88.89	89.62	89.34	88.79	88.04	89.83
G 20.0	84.73	85.92	86.89	87.34	87.22	85.96	86.39	85.96	87.22	87.34	86.89	85.92	84.73	89.83
G 25.0	79.97	81.33	82.64	83.60	83.80	83.02	82.54	83.02	83.80	83.60	82.64	81.33	79.97	89.83
G 30.0	74.17	75.67	77.43	78.45	78.74	76.75	76.20	76.75	78.74	78.45	77.43	75.67	74.17	89.83
G 35.0	67.72	69.35	71.00	71.87	72.10	70.72	69.36	70.72	72.10	71.87	71.00	69.35	67.72	89.83
G 40.0	60.81	62.59	63.94	64.25	63.99	62.60	60.48	62.60	63.99	64.25	63.94	62.59	60.81	89.83
G 45.0	53.62	55.43	56.52	56.27	54.96	53.79	51.94	53.79	54.96	56.27	56.52	55.43	53.62	89.83
G 50.0	46.30	47.99	48.80	48.03	45.91	44.91	42.39	44.91	45.91	48.03	48.80	47.99	46.30	89.83
G 55.0	38.93	40.47	41.10	39.95	37.67	36.63	34.99	36.63	37.67	39.95	41.10	40.47	38.93	89.83
G 60.0	31.57	32.96	33.39	32.16	30.08	29.33	27.75	29.33	30.08	32.16	33.39	32.96	31.57	89.83
G 65.0	24.34	25.58	25.79	24.89	23.53	22.80	22.06	22.80	23.53	24.89	25.79	25.58	24.34	89.83
G 70.0	17.63	18.67	18.69	18.15	17.57	17.04	16.42	17.04	17.57	18.15	18.69	18.67	17.63	89.83
G 75.0	11.90	12.66	12.54	12.15	12.05	11.77	11.46	11.77	12.05	12.15	12.54	12.66	11.90	89.83
G 80.0	7.44	7.93	7.73	7.30	7.08	7.17	6.73	7.17	7.08	7.30	7.73	7.93	7.44	89.83
G 85.0	3.93	4.18	4.09	3.83	3.48	3.27	2.86	3.27	3.48	3.83	4.09	4.18	3.93	89.83
G 90.0	0.89	0.93	1.05	1.13	1.18	1.26	0.80	1.26	1.18	1.13	1.05	0.93	0.89	89.83
G 95.0	3.93	4.18	4.09	3.83	3.48	3.27	2.86	3.27	3.48	3.83	4.09	4.18	3.93	89.83
G100.0	7.44	7.93	7.73	7.30	7.08	7.17	6.73	7.17	7.08	7.30	7.73	7.93	7.44	89.83
G105.0	11.90	12.66	12.54	12.15	12.05	11.77	11.46	11.77	12.05	12.15	12.54	12.66	11.90	89.83
G110.0	17.63	18.67	18.69	18.15	17.57	17.04	16.42	17.04	17.57	18.15	18.69	18.67	17.63	89.83
G115.0	24.34	25.58	25.79	24.89	23.53	22.80	22.06	22.80	23.53	24.89	25.79	25.58	24.34	89.83
G120.0	31.57	32.96	33.39	32.16	30.08	29.33	27.75	29.33	30.08	32.16	33.39	32.96	31.57	89.83
G125.0	38.93	40.47	41.10	39.95	37.67	36.63	34.99	36.63	37.67	39.95	41.10	40.47	38.93	89.83
G130.0	46.30	47.99	48.80	48.03	45.91	44.91	42.39	44.91	45.91	48.03	48.80	47.99	46.30	89.83
G135.0	53.62	55.43	56.52	56.27	54.96	53.79	51.94	53.79	54.96	56.27	56.52	55.43	53.62	89.83
G140.0	60.81	62.59	63.94	64.25	63.99	62.60	60.48	62.60	63.99	64.25	63.94	62.59	60.81	89.83
G145.0	67.72	69.35	71.00	71.87	72.10	70.72	69.36	70.72	72.10	71.87	71.00	69.35	67.72	89.83
G150.0	74.17	75.67	77.43	78.45	78.74	76.75	76.20	76.75	78.74	78.45	77.43	75.67	74.17	89.83
G155.0	79.97	81.33	82.64	83.60	83.80	83.02	82.54	83.02	83.80	83.60	82.64	81.33	79.97	89.83
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G165.0	88.04	88.79	89.34	89.62	88.89	88.39	88.80	88.39	88.89	89.62	89.34	88.79	88.04	89.83
G170.0	89.66	89.50	89.38	89.39	89.48	89.66	89.90	89.66	89.48	89.39	89.38	89.50	89.66	89.83
G175.0	89.23	89.39	89.58	89.77	89.97	90.15	90.30	90.15	89.97	89.77	89.58	89.39	89.23	89.83
G180.0	89.83	89.83	89.83	89.83	89.83	89.83	89.83	89.83	89.83	89.83	89.83	89.83	89.83	89.83

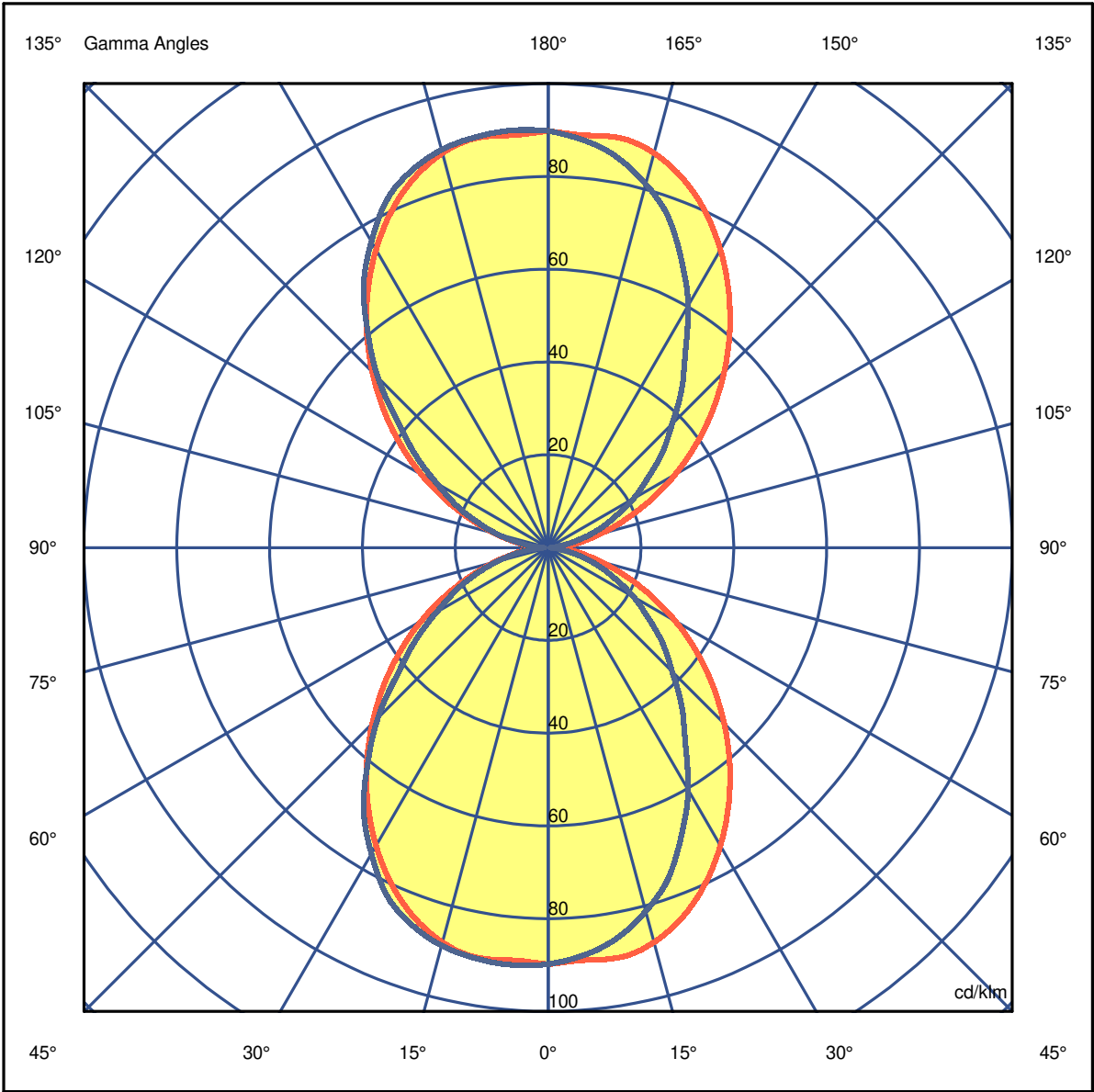
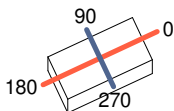
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110mm x 220mm

C Halfplanes

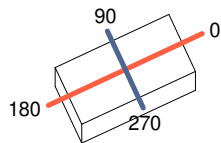
180.0 ————— 0.0
270.0 ————— 90.0



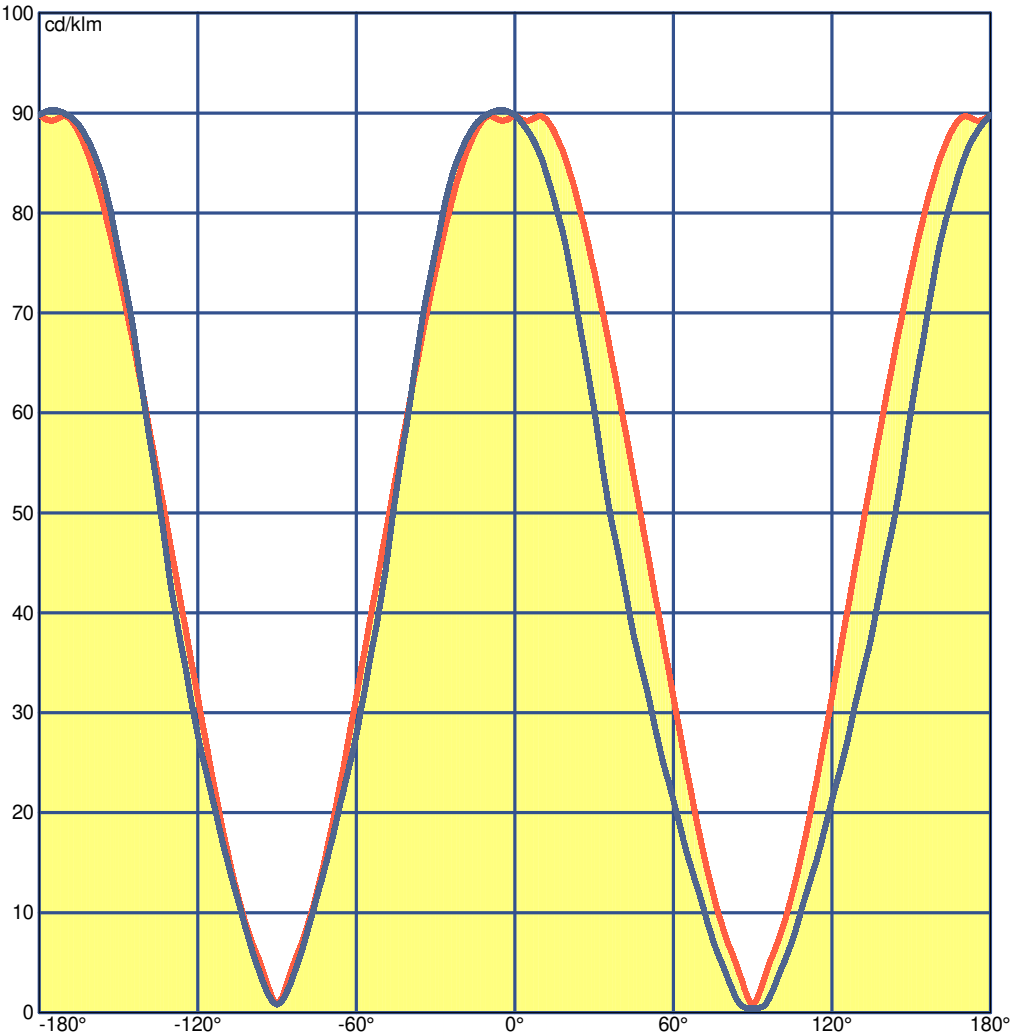
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110mm x 220mm



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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										
Room Dimensions	Lateral View					Viewed Endwise				
	x=2H y=2H	x=2H y=3H	x=2H y=4H	x=2H y=6H	x=2H y=8H	x=2H y=12H	x=4H y=2H	x=4H y=3H	x=4H y=4H	x=4H y=6H
	10.4	11.1	11.2	12.0	13.1	9.2	10.0	10.1	10.8	11.9
	11.2	11.9	12.2	12.8	14.0	9.8	10.5	10.8	11.5	12.6
	11.5	12.2	12.4	13.1	14.3	10.0	10.7	10.9	11.6	12.8
	11.7	12.3	12.6	13.2	14.4	10.1	10.7	11.0	11.6	12.8
	11.7	12.3	12.6	13.2	14.4	10.1	10.6	11.0	11.6	12.8
	11.7	12.2	12.7	13.2	14.4	10.0	10.6	11.0	11.5	12.8
	10.4	11.0	11.3	12.0	13.1	9.5	10.2	10.5	11.1	12.3
	11.4	11.9	12.4	12.9	14.1	10.3	10.9	11.3	11.8	13.1
	11.8	12.2	12.7	13.2	14.4	10.6	11.1	11.6	12.0	13.3
	12.0	12.4	13.0	13.3	14.6	10.7	11.1	11.7	12.1	13.4
	12.0	12.4	13.0	13.4	14.7	10.7	11.1	11.7	12.1	13.3
	12.0	12.4	13.1	13.4	14.7	10.7	11.0	11.7	12.0	13.3
	11.7	12.0	12.7	13.0	14.3	10.6	11.0	11.6	12.0	13.3
	11.9	12.2	13.0	13.3	14.6	10.8	11.1	11.9	12.1	13.4
	12.0	12.3	13.1	13.3	14.6	10.8	11.1	11.9	12.1	13.4
	12.1	12.3	13.1	13.3	14.7	10.8	11.1	11.9	12.1	13.5
	11.6	11.9	12.6	12.9	14.2	10.6	10.9	11.6	11.9	13.2
	11.9	12.1	12.9	13.2	14.5	10.8	11.0	11.8	12.1	13.4
	12.0	12.2	13.0	13.2	14.6	10.8	11.1	11.9	12.1	13.4

Luminaire

Code 05-9649-Z5-T2V1
Name Aplique NEMESIS 1x60W E27 opal
Measurum.
Code 05-9649-Z5-T2V1
Name Aplique NEMESIS 1x60W E27 opal

Luminaire Flux	273 lm	Luminaire Power	42.0 W	Efficacy	6.496 lm/W	Efficiency	43.30%
Source Flux	630 lm	Maximum value	90.30 cd/klm	Position	C=270.00 G=5.00	CG Asymmetrical	

Total Flux=630.00 Luminaire Flux=272.82

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	0.35	0.44	0.51	0.58	0.63	0.71	0.77	0.81	0.85	0.88	0.94	0.97
RC	4	4	4	4	4	4	4	4	4	4	4	4

Zonal Flux per 1000 Lumen

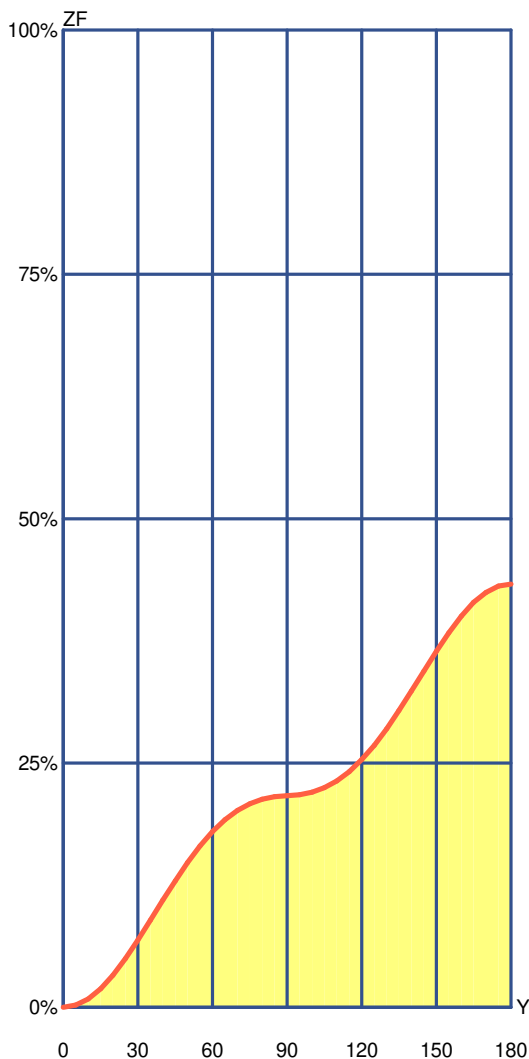
Y°	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
ZF(Y)	8	33	69	110	148	180	201	213	217	220	232	253	285	323	364	400	425	433

CIE Flux Codes

53 83 96 50 43

C.I.E. 4
D DIN 5040 C41
F UTE 0.22 D + 0.22 T
B NBN BZ 4
RN 50.00000 %
BLF 1.0

LOR 43.30461 %
ULOR 21.65231 %
DLOR 21.65231 %
UFF 50.00000 %
DFF 50.00000 %
FFR 100.00000 %



Zonal Flux				
Gamma °	Flux	Sum lm	Flux [%]	Sum [%]
0°	0.00	0.00	0.00%	0.00 %
5°	2.14	2.14	0.49 %	0.49 %
10°	6.34	8.48	1.46 %	1.96 %
15°	10.37	18.85	2.39 %	4.35 %
20°	14.00	32.85	3.23 %	7.58 %
25°	16.96	49.80	3.92 %	11.50 %
30°	19.05	68.86	4.40 %	15.90 %
35°	20.22	89.08	4.67 %	20.57 %
40°	20.48	109.56	4.73 %	25.30 %
45°	19.92	129.48	4.60 %	29.90 %
50°	18.66	148.14	4.31 %	34.21 %
55°	16.86	165.00	3.89 %	38.10 %
60°	14.66	179.67	3.39 %	41.49 %
65°	12.19	191.85	2.81 %	44.30 %
70°	9.55	201.41	2.21 %	46.51 %
75°	6.93	208.33	1.60 %	48.11 %
80°	4.52	212.86	1.04 %	49.15 %
85°	2.55	215.41	0.59 %	49.74 %
90°	1.11	216.52	0.26 %	50.00 %
95°	1.11	217.64	0.26 %	50.26 %
100°	2.55	220.19	0.59 %	50.85 %
105°	4.52	224.71	1.04 %	51.89 %
110°	6.93	231.64	1.60 %	53.49 %
115°	9.55	241.19	2.21 %	55.70 %
120°	12.19	253.38	2.81 %	58.51 %
125°	14.66	268.04	3.39 %	61.90 %
130°	16.86	284.90	3.89 %	65.79 %
135°	18.66	303.56	4.31 %	70.10 %
140°	19.92	323.49	4.60 %	74.70 %
145°	20.48	343.97	4.73 %	79.43 %
150°	20.22	364.19	4.67 %	84.10 %
155°	19.05	383.24	4.40 %	88.50 %
160°	16.96	400.20	3.92 %	92.42 %
165°	14.00	414.20	3.23 %	95.65 %
170°	10.37	424.56	2.39 %	98.04 %
175°	6.34	430.91	1.46 %	99.51 %
180°	2.14	433.05	0.49 %	100.00 %

Luminaire

Code 05-9649-Z5-T2V1
Name Aplique NEMESIS 1x60W E27 opal

Measurem.

Code 05-9649-Z5-T2V1
Name Aplique NEMESIS 1x60W E27 opal

Luminaire Flux	273 lm	Luminaire Power	42.0 W	Efficacy	6.496 lm/W	Efficiency	43.30%
Source Flux	630 lm	Maximum value	90.30 cd/klm	Position	C=270.00 G=5.00	CG Asymmetrical	

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	237	213	221	200	203	190	180	153	172	146	159	120	150	102	137	128	113	122	97	107	103	89	81		
0.80	262	240	237	219	229	209	203	178	190	167	176	140	165	121	156	146	132	139	115	125	120	105	96		
1.00	279	260	246	231	247	221	221	197	202	181	187	154	176	135	170	160	146	152	129	139	133	118	108		
1.25	294	277	253	239	263	230	238	216	212	194	198	168	187	150	182	172	160	164	143	152	146	132	120		
1.50	305	289	256	245	276	236	251	231	219	203	206	179	195	161	191	182	170	173	154	163	156	142	130		
2.00	319	306	259	251	292	242	270	252	228	215	216	194	206	177	204	195	185	187	171	178	172	159	144		
2.50	328	317	260	254	303	246	283	268	234	223	223	204	214	189	212	204	196	197	182	188	183	170	155		
3.00	334	325	261	255	311	248	293	279	237	228	228	211	220	198	218	210	203	204	191	196	191	179	162		
4.00	343	335	261	257	321	251	306	295	242	235	234	221	227	210	225	219	213	214	203	206	202	191	173		
5.00	348	342	261	258	328	252	315	305	245	239	238	228	232	217	230	225	220	220	211	213	209	199	180		
10.00	359	356	261	259	341	255	334	329	251	248	247	241	243	235	240	237	234	234	229	228	226	218	197		
20.00	365	363	260	259	349	255	345	342	253	252	251	248	249	245	245	244	242	242	239	237	235	229	206		

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	161	148	140	130	141	124	111	99	100	89	84	69	72	56	83	71	65	61	53	62	54	49	42
0.80	185	172	157	147	163	139	132	119	116	105	99	83	87	68	96	84	77	74	64	72	64	57	49
1.00	202	190	167	157	178	148	148	134	127	116	111	94	98	79	105	93	86	83	73	79	72	63	53
1.25	218	206	175	166	192	156	163	150	136	126	121	105	109	89	113	101	95	92	81	86	79	68	57
1.50	229	218	180	173	202	162	175	162	143	133	129	113	117	98	119	108	102	99	88	91	84	72	60
2.00	242	233	184	178	214	166	191	178	151	142	138	124	128	109	125	115	109	107	97	96	90	76	62
2.50	251	242	187	181	222	169	201	190	155	148	144	131	135	118	128	120	115	113	104	100	94	78	63
3.00	256	249	187	183	227	170	208	198	158	151	148	136	139	124	131	123	118	117	108	102	97	80	63
4.00	265	259	190	186	236	172	220	211	163	158	155	145	147	134	135	129	125	123	116	106	102	83	65
5.00	271	266	191	189	241	175	228	220	167	162	160	151	153	141	138	133	129	128	121	109	105	85	66
10.00	285	282	195	194	254	179	246	242	175	172	171	165	166	159	146	143	140	139	135	117	114	91	70
20.00	290	289	196	195	260	180	256	253	178	176	175	172	173	169	148	147	145	145	142	120	118	93	71

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	208	194	194	182	185	174	149	137	144	132	123	108	108	92	124	108	102	96	88	98	88	82	76
0.80	251	237	232	219	224	208	186	172	178	165	156	137	140	119	153	136	129	123	113	121	111	102	94
1.00	286	271	260	248	255	235	218	202	206	192	184	163	167	143	176	160	152	146	134	141	131	119	110
1.25	318	304	287	275	284	260	248	232	233	219	212	190	195	169	199	183	175	170	157	161	151	135	125
1.50	343	329	306	296	306	278	273	256	253	239	233	211	217	190	216	201	193	189	175	176	166	148	137
2.00	378	366	333	324	339	305	309	293	283	271	266	245	250	224	242	229	221	218	204	199	191	168	155
2.50	402	390	350	343	361	322	334	319	303	292	287	268	274	249	259	248	240	238	224	214	207	180	166
3.00	418	408	362	356	376	333	352	338	317	307	303	285	291	267	272	261	254	252	239	226	219	190	174
4.00	440	431	377	372	396	348	376	364	335	327	323	308	313	292	287	279	273	271	260	240	234	201	184
5.00	453	446	386	382	409	357	392	381	346	339	336	323	327	309	297	290	284	283	273	248	244	208	190
10.00	481	478	404	402	436	376	426	420	370	366	364	356	359	347	318	314	311	310	304	268	265	223	203
20.00	497	495	414	413	451	386	445	442	383	380	380	375	377	370	330	328	326	325	322	279	277	232	209

LM53 SHR C0-C180: 1.214 SHR C90-C270: 1.030 SHR Square: 1.211

LedsC4

Luminaire

Code 05-9649-Z5-T2V1
Name Aplique NEMESIS 1x60W E27 opal

Measurem.

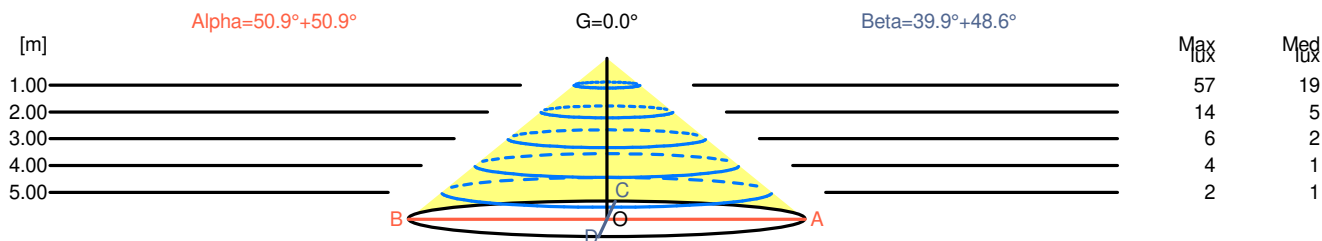
Code 05-9649-Z5-T2V1
Name Aplique NEMESIS 1x60W E27 opal

Luminaire Flux	273 lm	Luminaire Power	42.0 W	Efficacy	6.496 lm/W	Efficiency	43.30%
Source Flux	630 lm	Maximum value	90.30 cd/klm	Position	C=270.00 G=5.00	CG	Asymmetrical

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	1.23	2.46	3.70	4.93	6.16	OC	0.84	1.67	2.51	3.35	4.18
OB	1.23	2.46	3.70	4.93	6.16	OD	1.14	2.27	3.41	4.54	5.68

	0	5	15	25	35	45	55	65	75	85
OA	56.59	56.21	55.46	50.38	42.66	33.78	24.53	15.34	7.50	2.47
OB	56.59	56.21	55.46	50.38	42.66	33.78	24.53	15.34	7.50	2.47
OC	56.59	55.55	51.12	42.87	32.42	23.77	16.53	10.09	4.54	0.56
OD	56.59	56.89	55.95	52.00	43.70	32.72	22.04	13.90	7.22	1.80



H[m]	D[m]	Max lux	Med lux	Alpha=50.9°+50.9°	G=0.0
1.00	2.46	57	19		
2.00	4.93	14	5		
3.00	7.39	6	2		
4.00	9.86	4	1		
5.00	12.32	2	1		

H[m]	D[m]	Max lux	Med lux	Beta=48.6°+39.9°	G=0.0
1.00	1.97	57	19		
2.00	3.94	14	5		
3.00	5.92	6	2		
4.00	7.89	4	1		
5.00	9.86	2	1		

Luminaire

Code 05-9649-Z5-T2V1
Name Aplique NEMESIS 1x60W E27 opal

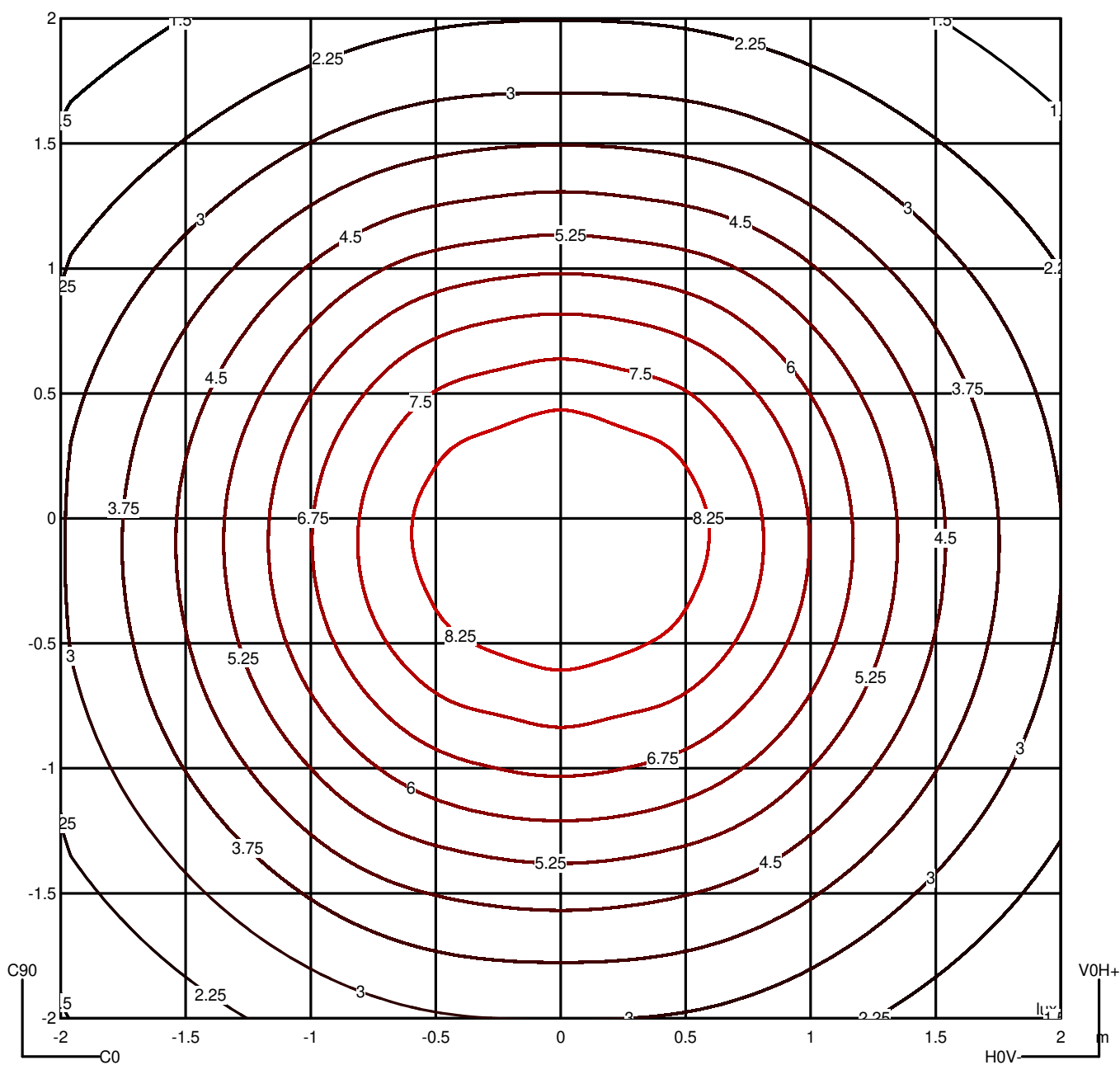
Measurem.

Code 05-9649-Z5-T2V1
Name Aplique NEMESIS 1x60W E27 opal

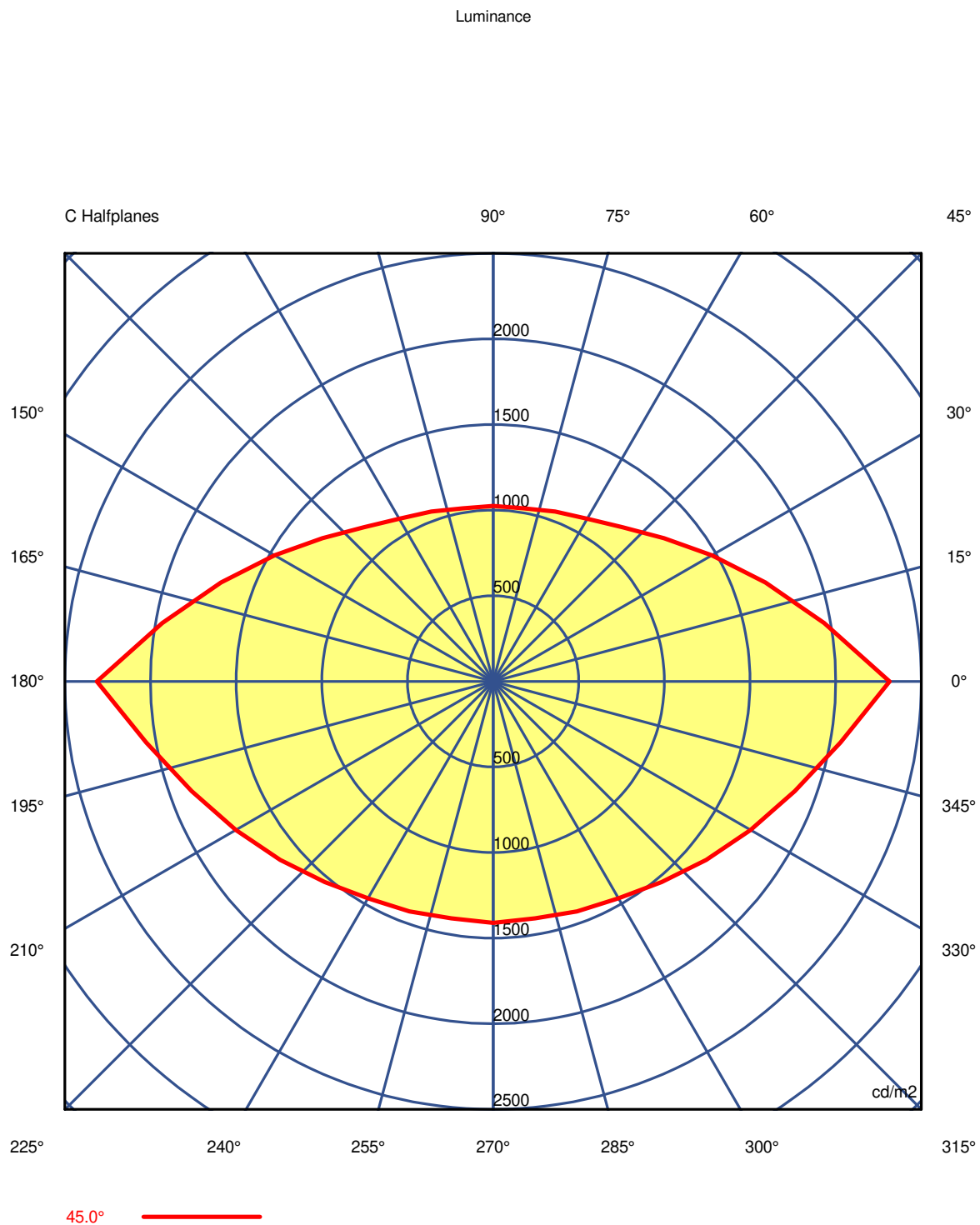
Luminaire Flux	273 lm	Luminaire Power	42.0 W	Efficacy	6.496 lm/W	Efficiency	43.30%
Source Flux	630 lm	Maximum value	90.30 cd/klm	Position	C=270.00 G=5.00	CG	Asymmetrical

Isolux (Floor)

Luminaire position X=0.00m Y=0.00m Z=2.50m



Luminaire							
Code	05-9649-Z5-T2V1						
Name	Applique NEMESIS 1x60W E27 opal						
Measurem.							
Code	05-9649-Z5-T2V1						
Name	Applique NEMESIS 1x60W E27 opal						
Luminaire Flux	273 lm	Luminaire Power	42.0 W	Efficacy	6.496 lm/W	Efficiency	43.30%
Source Flux	630 lm	Maximum value	90.30 cd/klm	Position	C=270.00 G=5.00	CG	Asymmetrical



Luminaire

Code 05-9649-Z5-T2V1
Name Aplique NEMESIS 1x60W E27 opal

Measurment

Code 05-9649-Z5-T2V1
Name Aplique NEMESIS 1x60W E27 opal

Luminaire Flux		273 lm		Luminaire Power		42.0 W		Efficacy		6.496 lm/W		Efficiency		43.30%	
Source Flux		630 lm		Maximum value		90.30 cd/klm		Position		C=270.00 G=5.00		CG Asymmetrical			
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	3943.56	3943.56	3943.56	3943.56	3943.56	3943.56	3943.56	3943.56	3943.56	3943.56	3943.56	3943.56	3943.56	3943.56	3943.56
G 5.0	3786.90	3707.02	3636.85	3577.89	3530.95	3496.82	3475.70	3467.71	3474.54	3492.82	3474.54	3467.71	3475.70	3475.70	3475.70
G 10.0	3710.03	3557.66	3432.46	3324.70	3218.99	3135.29	3085.61	3066.79	3076.51	3106.05	3076.51	3066.80	3085.61	3085.61	3085.61
G 15.0	3580.23	3373.09	3197.19	3053.29	2941.36	2842.18	2757.90	2711.33	2712.13	2743.15	2712.13	2711.34	2757.90	2757.90	2757.90
G 20.0	3412.99	3162.86	2956.27	2789.16	2659.02	2552.70	2465.98	2406.39	2386.21	2410.65	2386.21	2406.39	2465.98	2465.98	2465.98
G 25.0	3215.42	2927.12	2695.60	2511.29	2368.13	2256.06	2159.41	2071.04	2034.56	2060.71	2034.56	2071.05	2159.41	2159.41	2159.41
G 30.0	2999.84	2682.81	2433.75	2237.36	2084.05	1961.67	1859.61	1776.00	1736.90	1755.06	1736.90	1776.01	1859.61	1859.61	1859.61
G 35.0	2776.00	2439.39	2178.07	1968.00	1796.87	1665.69	1569.50	1497.82	1450.34	1451.19	1450.34	1497.82	1569.50	1569.50	1569.50
G 40.0	2546.83	2199.42	1932.59	1715.73	1535.85	1400.83	1310.47	1254.59	1225.90	1235.29	1225.90	1254.59	1310.47	1310.47	1310.47
G 45.0	2313.48	1961.23	1691.85	1474.15	1300.90	1175.33	1096.81	1055.49	1025.97	1024.78	1025.97	1055.49	1096.81	1096.81	1096.81
G 50.0	2076.21	1722.91	1458.25	1248.56	1088.24	978.74	913.78	879.30	861.48	869.19	861.48	879.30	913.78	913.78	913.78
G 55.0	1831.67	1483.39	1231.53	1040.42	902.45	806.40	748.18	724.22	707.44	707.91	707.44	724.22	748.18	748.18	748.18
G 60.0	1574.80	1241.26	1009.86	843.27	732.32	657.41	608.36	582.58	571.07	578.48	571.07	582.59	608.36	608.36	608.36
G 65.0	1302.54	996.97	795.44	659.02	575.59	518.37	477.11	454.13	440.49	442.99	440.49	454.13	477.11	477.11	477.11
G 70.0	1025.97	760.55	594.39	486.55	422.98	382.79	353.21	331.03	322.81	331.12	322.81	331.03	353.21	353.21	353.21
G 75.0	764.91	547.30	416.79	332.69	281.64	252.21	235.05	222.68	211.95	210.97	211.95	222.68	235.05	235.05	235.05
G 80.0	538.67	370.80	273.84	210.70	169.87	143.55	128.77	123.72	118.87	117.28	118.87	123.72	128.77	128.77	128.77
G 85.0	328.57	217.67	157.29	118.89	93.77	74.29	60.08	52.59	39.41	28.62	39.41	52.59	60.08	60.08	60.08
G 90.0	89.16	59.71	45.93	38.26	33.67	30.95	30.70	32.17	24.94	16.61	24.94	30.13	30.70	30.70	30.70

Luminaire

Code 05-9649-Z5-T2V1
Name Aplique NEMESIS 1x60W E27 opal

Measurment

Code 05-9649-Z5-T2V1
Name Aplique NEMESIS 1x60W E27 opal

Luminaire Flux	273 lm		Luminaire Power		42.0 W		Efficacy		6.496 lm/W		Efficiency		43.30%	
Source Flux	630 lm		Maximum value		90.30 cd/klm		Position		C=270.00 G=5.00		CG		Asymmetrical	
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	3943.56	3943.56	3943.56	3943.56	3943.56	3943.56	3943.56	3943.56	3943.56	3943.56	3943.56	3943.56	3943.56	
G 5.0	3496.80	3531.00	3577.89	3636.59	3707.69	3786.90	3724.06	3668.22	3623.31	3588.39	3564.12	3550.77	3548.26	
G 10.0	3135.22	3219.17	3324.70	3431.44	3560.33	3710.03	3581.08	3465.59	3375.74	3306.60	3258.02	3229.89	3221.69	
G 15.0	2842.16	2941.41	3053.29	3196.90	3373.86	3580.23	3424.55	3292.45	3186.84	3105.71	3035.36	2976.75	2946.66	
G 20.0	2552.70	2659.03	2789.16	2956.22	3163.01	3412.99	3226.26	3076.82	2957.94	2863.23	2795.55	2743.90	2696.97	
G 25.0	2256.05	2368.16	2511.29	2695.43	2927.59	3215.42	3000.84	2834.69	2710.07	2617.84	2551.20	2503.37	2470.87	
G 30.0	1961.65	2084.10	2237.36	2433.42	2683.72	2999.84	2763.66	2591.43	2467.81	2370.70	2305.03	2255.55	2199.81	
G 35.0	1665.68	1796.91	1968.00	2177.82	2440.07	2776.00	2527.46	2347.35	2217.03	2116.60	2046.51	1998.73	1959.11	
G 40.0	1400.83	1535.86	1715.73	1932.54	2199.55	2546.83	2292.96	2109.35	1971.72	1863.27	1784.05	1731.19	1694.93	
G 45.0	1175.33	1300.89	1474.15	1691.90	1961.08	2313.48	2057.45	1873.94	1734.54	1622.60	1529.79	1462.53	1429.72	
G 50.0	978.73	1088.25	1248.56	1458.20	1723.06	2076.21	1820.80	1639.60	1501.92	1389.10	1286.95	1211.36	1184.50	
G 55.0	806.39	902.49	1040.42	1231.29	1484.11	1831.67	1582.33	1409.19	1278.12	1166.68	1066.73	992.98	963.90	
G 60.0	657.39	732.37	843.27	1009.52	1242.27	1574.80	1339.84	1178.89	1057.52	954.53	863.25	798.35	776.41	
G 65.0	518.35	575.64	659.02	795.12	997.90	1302.54	1091.04	947.00	838.75	752.07	682.16	633.42	611.59	
G 70.0	382.78	423.01	486.55	594.16	761.25	1025.97	844.13	721.33	629.65	561.86	513.99	483.61	467.80	
G 75.0	252.21	281.66	332.69	416.64	547.76	764.91	615.05	515.66	441.49	389.40	358.31	342.18	332.41	
G 80.0	143.55	169.88	210.70	273.76	371.06	538.67	419.76	343.70	287.27	247.70	221.72	209.15	208.88	
G 85.0	74.29	93.77	118.89	157.27	217.74	328.57	244.99	196.44	162.48	138.79	120.61	108.11	102.80	
G 90.0	30.95	33.67	38.26	45.93	59.71	89.16	60.95	49.88	45.22	42.30	39.35	38.71	41.87	

Luminaire

Code 05-9649-Z5-T2V1
Name Aplique NEMESIS 1x60W E27 opal

Measurem.

Code 05-9649-Z5-T2V1
Name Aplique NEMESIS 1x60W E27 opal

Luminaire Flux	273 lm	Luminaire Power	42.0 W	Efficacy	6.496 lm/W	Efficiency	43.30%
Source Flux	630 lm	Maximum value	90.30 cd/klm	Position	C=270.00 G=5.00	CG Asymmetrical	

Luminance cd/m2 Table 3/3

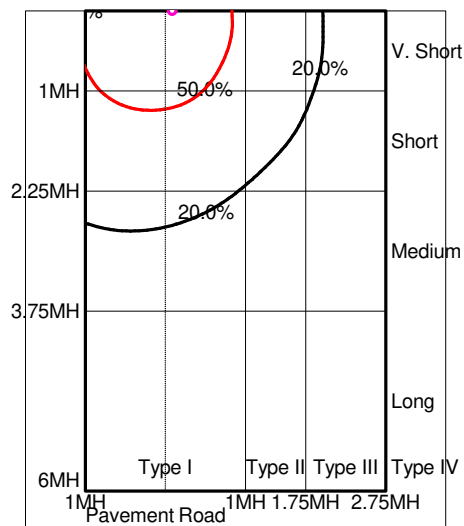
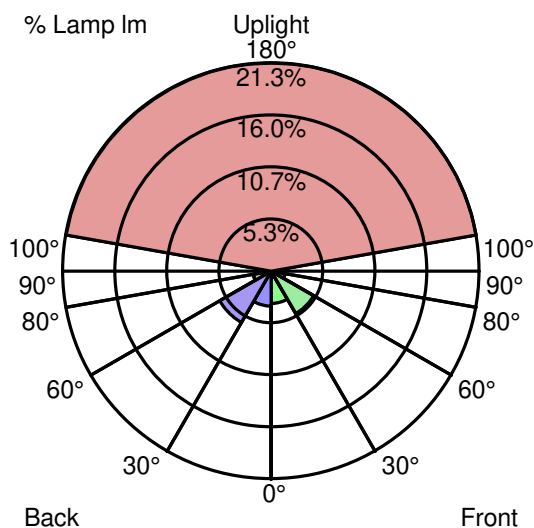
	C 260.00	C 270.00	C 280.00	C 290.00	C 300.00	C 310.00	C 320.00	C 330.00	C 340.00	C 350.00
G 0.0	3943.56	3943.56	3943.56	3943.56	3943.56	3943.56	3943.56	3943.56	3943.56	3943.56
G 5.0	3557.93	3577.09	3557.93	3548.26	3550.77	3564.14	3588.35	3623.31	3668.49	3723.38
G 10.0	3235.73	3267.21	3235.73	3221.68	3229.89	3258.09	3306.43	3375.74	3466.62	3578.40
G 15.0	2959.02	3001.98	2959.02	2946.66	2976.75	3035.38	3105.66	3186.84	3292.75	3423.77
G 20.0	2699.66	2749.58	2699.66	2696.97	2743.90	2795.55	2863.22	2957.94	3076.88	3226.11
G 25.0	2465.75	2499.55	2465.75	2470.87	2503.37	2551.21	2617.82	2710.07	2834.86	3000.37
G 30.0	2180.93	2217.10	2180.93	2199.80	2255.55	2305.05	2370.64	2467.81	2591.76	2762.75
G 35.0	1936.10	1956.17	1936.10	1959.11	1998.73	2046.53	2116.56	2217.03	2347.60	2526.78
G 40.0	1662.40	1667.27	1662.40	1694.93	1731.19	1784.05	1863.27	1971.72	2109.40	2292.82
G 45.0	1405.24	1410.73	1405.24	1429.72	1462.53	1529.78	1622.61	1734.54	1873.89	2057.60
G 50.0	1153.58	1143.25	1153.58	1184.50	1211.36	1286.95	1389.09	1501.92	1639.66	1820.64
G 55.0	943.57	944.26	943.58	963.90	992.98	1066.74	1166.65	1278.12	1409.43	1581.62
G 60.0	758.04	755.09	758.04	776.41	798.35	863.27	954.48	1057.52	1179.23	1338.84
G 65.0	602.13	610.02	602.13	611.59	633.42	682.17	752.02	838.75	947.31	1090.11
G 70.0	459.05	464.97	459.05	467.80	483.61	514.00	561.83	629.65	721.56	843.43
G 75.0	328.24	335.40	328.24	332.41	342.18	358.32	389.37	441.49	515.81	614.59
G 80.0	205.74	205.06	205.74	208.88	209.15	221.72	247.69	287.27	343.79	419.50
G 85.0	95.64	91.63	95.64	102.80	108.11	120.61	138.79	162.48	196.47	244.91
G 90.0	35.67	27.36	35.67	39.73	38.71	39.35	42.30	45.22	49.85	61.02

Luminaire

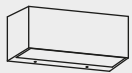
Code 05-9649-Z5-T2V1
 Name Aplique NEMESIS 1x60W E27 opal
Measurem.
 Code 05-9649-Z5-T2V1
 Name Aplique NEMESIS 1x60W E27 opal

Luminaire Flux	273 lm	Luminaire Power	42.0 W	Efficacy	6.496 lm/W	Efficiency	43.30%
Source Flux	630 lm	Maximum value	90.30 cd/klm	Position	C=270.00 G=5.00	CG	Asymmetrical

US ROAD STANDARDS



Luminaire Classification System (LCS)				
LCS Zone		Lumens	%Lamp	%Lum
FL	0° -- 30°	20.9 lm	3.3 %	7.7 %
FM	30° -- 60°	31.6 lm	5.0 %	11.6 %
FH	60° -- 80°	9.1 lm	1.5 %	3.4 %
FVH	80° -- 90°	0.9 lm	0.1 %	0.3 %
BL	0° -- 30°	22.6 lm	3.6 %	8.3 %
BM	30° -- 60°	38.2 lm	6.1 %	14.0 %
BH	60° -- 80°	11.7 lm	1.9 %	4.3 %
BVH	80° -- 90°	1.3 lm	0.2 %	0.5 %
UL	90° -- 100°	2.2 lm	0.4 %	0.8 %
UH	100° -- 180°	134.2 lm	21.3 %	49.2 %
TOTALS		272.8 lm	43.3 %	100.0 %
BUG B0 U3 G0 Type I Very Short Asymmetrical				



NEMESIS

E27

LedsC4

