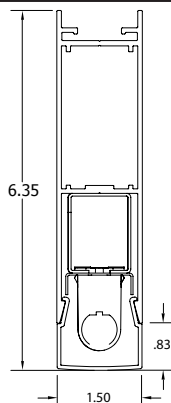


High Profile Series Baffle Ceiling System Lighting Beam Profile



Construction

Housing: Extruded alum. body 1.50" wide x 5.52" high, 6063T5, 0.080" minimum thickness. Available in one piece, unbroken lengths up to 12'.

Joiner System: Automatic alignment, no loose parts, one tool to tighten one factory installed bolts for a hairline seam. No light leaks.

Ballast: Osram - Sylvania or equal electronic RS ballast with less than 10% THD is standard: ERS

Mounting and Feed: Shall be integrated with Hunter Douglas Baffle Ceiling System. Mounting components by Hunter Douglas.

Electrical

UL listed wiring and components throughout. Housing is completely wired with quick-connect plugs at all mating joints and individually tested.

All fixtures bear UL & CUL Dry Location labels. Damp Location labels are available. Specify DL in the Options field.

Optical Performance

For photometry see pages 2-4

Acrylic Satin Lens: Shall be 15% DR acrylic. (Specify **ASL**).

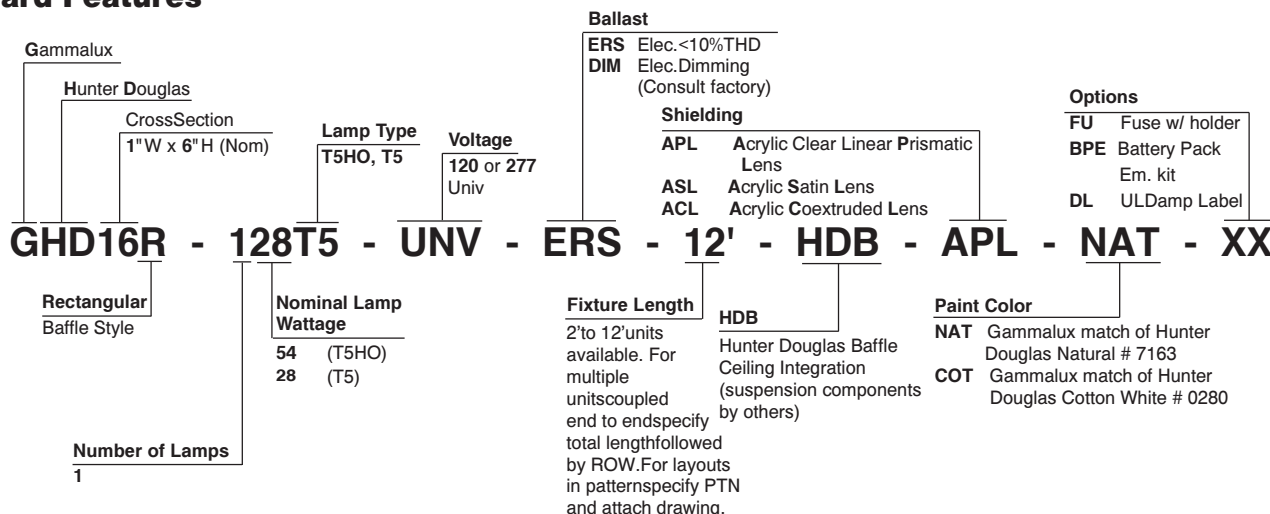
Acrylic Prismatic Lens: Clear lens includes linear micro prism shall be 15% DR. (Specify **APL**)

Acrylic Coextruded Lens: Lens is a co-extruded combination of **APL** for maximum output down and **ASL** for glare reduction to the sides. (specify **ACL**)

Finish

Finishes are a custom-match to Hunter Douglas standard colors. Some variation may occur from batch to batch.

Standard Features

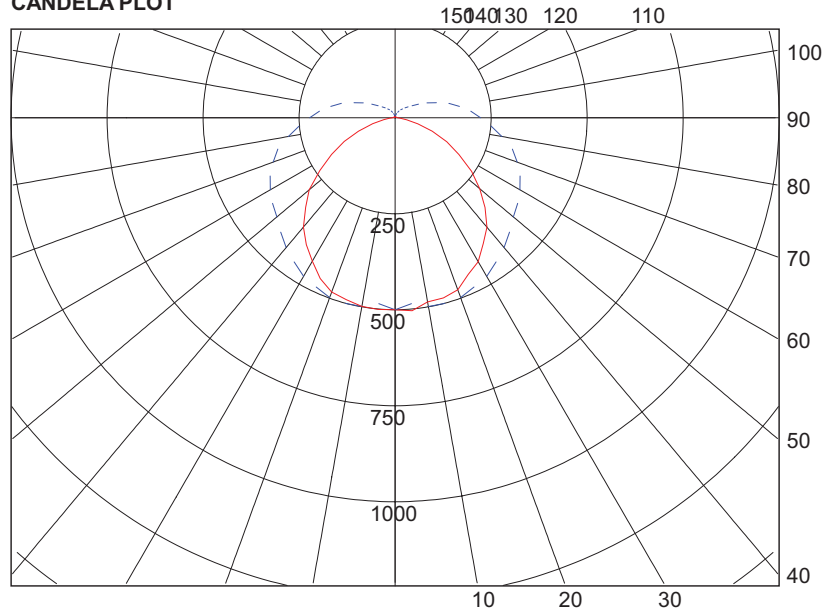


FOR FIXTURE WITH ASL LENS OPTION

SUMMARY DATA

EFFICIENCY (Total): 76.9 %
 EFFICIENCY (Downlight): 65.6 %
 EFFICIENCY (Uplight): 11.3 %
 CIE CLASSIFICATION: SEMI-DIRECT
 SPACING CRITERION (90-Deg.): 1.41
 LUMENS/LAMP: 2900
 NO. OF LAMPS: 1
 LUMINOUS OPENING: RECTANGULAR
 Width: 0.13 (Feet)
 Length: 3.83
 Height: 0.31
 INPUT WATTS: 31

CANDELA PLOT



Bilaterally Symmetric
 Solid: 180-0 Degrees Dashed: 90-270 Degrees

ZONAL LUMEN SUMMARY

Zone	Lumens	% Lamp	% Luminaire
0 - 30	405.4	14.0	18.2
0 - 40	676.7	23.3	30.3
0 - 60	1255.3	43.3	56.3
60 - 90	647.2	22.3	29.0
0 - 90	1902.5	65.6	85.3
90 - 180	327.6	11.3	14.7
0 - 180	2230.2	76.9	100.0

AVERAGE LUMINANCE

(Candelas / Square Meter)

Angle	0	22.5	45	67.5	90	112.5	135	157.5	180
0	11164	11164	11164	11164	11164	11164	11164	11164	11164
45	9661	5454	4295	3883	3797	3886	4247	5418	9613
55	8468	4223	3433	3324	3314	3323	3469	4213	8325
65	6658	3074	2911	2939	2979	2963	2914	3053	6577
75	4048	2106	2464	2603	2641	2607	2486	2110	3994
85	1824	1484	2026	2182	2173	2180	2039	1462	1970

COEFFICIENT OF UTILIZATION TABLE

Effective Floor Cavity Reflectance = 20%

Pcc ...	80				70				50			30			10			0
	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																		
0	.89	.89	.89	.89	.85	.85	.85	.85	.79	.79	.79	.73	.73	.73	.68	.68	.68	.66
1	.79	.74	.70	.66	.75	.71	.67	.64	.66	.63	.60	.61	.58	.56	.56	.54	.52	.50
2	.71	.63	.57	.52	.67	.61	.55	.51	.56	.52	.48	.52	.48	.45	.48	.45	.42	.40
3	.64	.55	.48	.42	.61	.53	.46	.41	.49	.44	.39	.45	.41	.37	.42	.38	.35	.33
4	.58	.48	.41	.35	.56	.46	.40	.34	.43	.37	.33	.40	.35	.31	.37	.33	.30	.27
5	.53	.43	.35	.30	.51	.41	.34	.29	.38	.32	.28	.36	.31	.27	.33	.29	.25	.23
6	.49	.38	.31	.26	.47	.37	.30	.25	.34	.29	.24	.32	.27	.23	.30	.25	.22	.20
7	.45	.35	.28	.23	.43	.33	.27	.22	.31	.25	.21	.29	.24	.20	.27	.23	.19	.18
8	.42	.31	.25	.20	.40	.30	.24	.20	.28	.23	.19	.27	.22	.18	.25	.21	.17	.16
9	.39	.29	.22	.18	.38	.28	.22	.18	.26	.21	.17	.25	.20	.16	.23	.19	.16	.14
10	.37	.26	.20	.16	.35	.26	.20	.16	.24	.19	.15	.23	.18	.15	.21	.17	.14	.13

FOR FIXTURE WITH ACL LENS OPTION

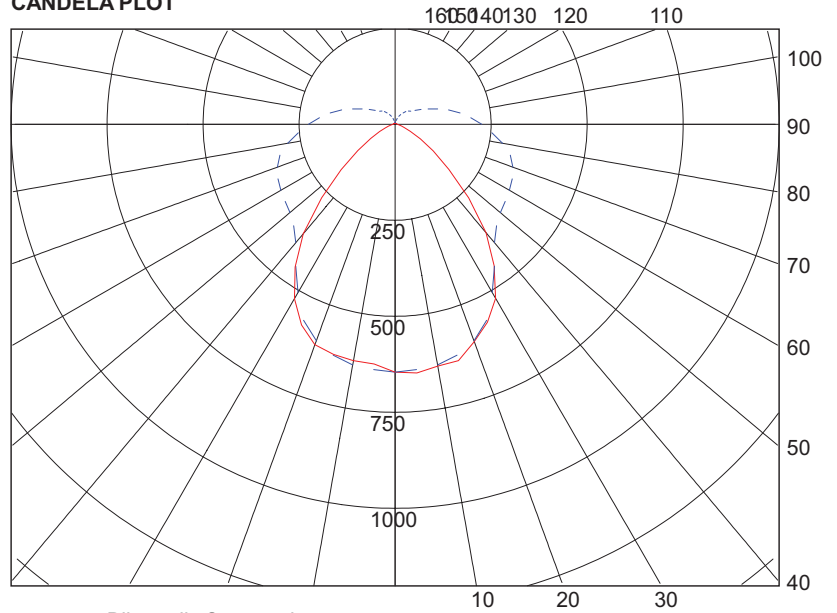
SUMMARY DATA

EFFICIENCY (Total): 74.0 %
 EFFICIENCY (Downlight): 62.3 %
 EFFICIENCY (Uplight): 11.8 %
 CIE CLASSIFICATION: SEMI-DIRECT
 SPACING CRITERION (90-Deg.): 1.17
 LUMENS/LAMP: 2900
 NO. OF LAMPS: 1
 LUMINOUS OPENING: RECTANGULAR
 Width: 0.13 (Feet)
 Length: 3.83
 Height: 0.31
 INPUT WATTS: 31

ZONAL LUMEN SUMMARY

Zone	Lumens	% Lamp	% Luminaire
0 - 30	494.8	17.1	23.0
0 - 40	774.6	26.7	36.1
0 - 60	1241.9	42.8	57.8
60 - 90	563.8	19.4	26.3
0 - 90	1805.7	62.3	84.1
90 - 180	341.7	11.8	15.9
0 - 180	2147.4	74.0	100.0

CANDELA PLOT



Bilaterally Symmetric
 Solid: 180-0 Degrees Dashed: 90-270 Degrees

AVERAGE LUMINANCE

(Candelas / Square Meter)

Angle	0	22.5	45	67.5	90	112.5	135	157.5	180
0	14412	14412	14412	14412	14412	14412	14412	14412	14412
45	7913	4415	3538	3417	3368	3359	3564	4385	7896
55	4216	2479	2667	2878	2978	2877	2712	2487	4134
65	1968	1653	2375	2725	2793	2716	2396	1663	1997
75	1158	1424	2274	2538	2591	2539	2268	1447	1163
85	980	1332	2014	2179	2189	2196	2002	1328	992

COEFFICIENT OF UTILIZATION TABLE

Effective Floor Cavity Reflectance = 20%

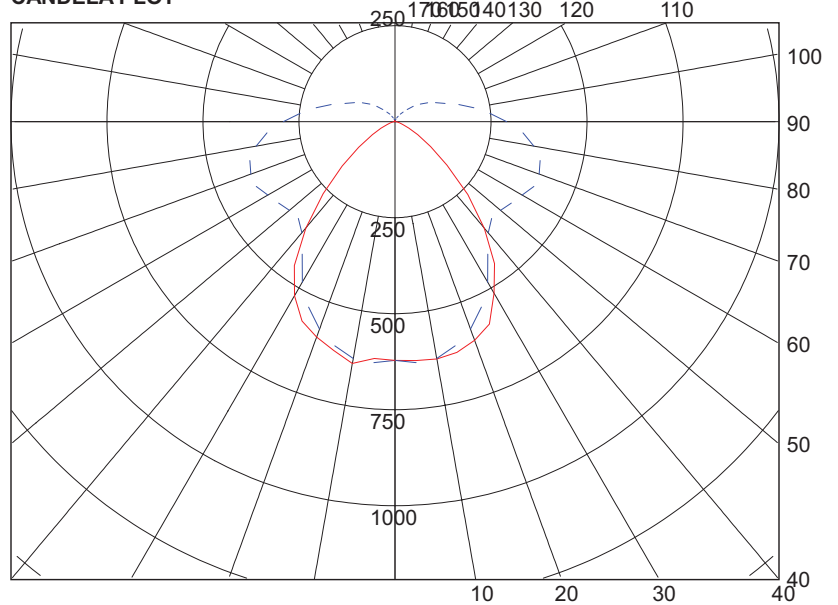
Pcc ...	80				70				50			30			10			0
	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																		
0	.85	.85	.85	.85	.82	.82	.82	.82	.76	.76	.76	.70	.70	.70	.65	.65	.65	.62
1	.76	.72	.68	.64	.73	.69	.65	.62	.63	.61	.58	.58	.56	.54	.54	.52	.50	.48
2	.69	.62	.56	.52	.66	.59	.54	.50	.55	.51	.47	.51	.47	.44	.47	.44	.42	.39
3	.63	.54	.48	.43	.60	.52	.46	.42	.48	.43	.39	.45	.41	.37	.41	.38	.35	.33
4	.57	.48	.41	.36	.55	.46	.40	.35	.43	.38	.34	.40	.35	.32	.37	.33	.30	.28
5	.53	.43	.36	.31	.50	.42	.35	.31	.39	.33	.29	.36	.31	.28	.33	.30	.26	.25
6	.49	.39	.32	.27	.47	.38	.31	.27	.35	.30	.26	.33	.28	.25	.30	.26	.23	.22
7	.45	.35	.29	.24	.43	.34	.28	.24	.32	.27	.23	.30	.25	.22	.28	.24	.21	.19
8	.42	.32	.26	.22	.40	.31	.25	.21	.29	.24	.20	.28	.23	.20	.26	.22	.19	.17
9	.40	.30	.24	.20	.38	.29	.23	.19	.27	.22	.19	.25	.21	.18	.24	.20	.17	.16
10	.37	.27	.22	.18	.36	.27	.21	.17	.25	.20	.17	.24	.19	.16	.22	.18	.16	.14

**FOR FIXTURE WITH APL LENS
OPTION**

SUMMARY DATA

EFFICIENCY (Total): 71.5 %
 EFFICIENCY (Downlight): 59.6 %
 EFFICIENCY (Uplight): 11.9 %
 CIE CLASSIFICATION: SEMI-DIRECT
 SPACING CRITERION (90-Deg.): 1.16
 LUMENS/LAMP: 2900
 NO. OF LAMPS: 1
 LUMINOUS OPENING: RECTANGULAR
 Width: 0.13 (Feet)
 Length: 3.83
 Height: 0.31
 INPUT WATTS: 31

CANDELA PLOT



Bilaterally Symmetric
 Solid: 180-0 Degrees Dashed: 90-270 Degrees

ZONAL LUMEN SUMMARY

Zone	Lumens	% Lamp	% Luminaire
0 - 30	483.2	16.7	23.3
0 - 40	748.0	25.8	36.1
0 - 60	1172.0	40.4	56.5
60 - 90	557.8	19.2	26.9
0 - 90	1729.8	59.6	83.4
90 - 180	344.3	11.9	16.6
0 - 180	2074.1	71.5	100.0

AVERAGE LUMINANCE

(Candelas / Square Meter)

Angle	0	22.5	45	67.5	90	112.5	135	157.5	180
0	13889	13889	13889	13889	13889	13889	13889	13889	13889
45	7819	3981	3060	3075	3211	3072	3032	3982	7731
55	3943	1956	2056	2775	3146	2784	2019	1939	4039
65	1779	962	1735	2903	3310	2922	1753	936	1823
75	854	562	1734	3014	3264	3020	1722	558	812
85	311	427	1694	2818	2895	2808	1682	430	358

COEFFICIENT OF UTILIZATION TABLE

Effective Floor Cavity Reflectance = 20%

Pcc ...	80				70				50			30			10			0
Pw ...	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																		
0	.82	.82	.82	.82	.79	.79	.79	.79	.73	.73	.73	.67	.67	.67	.62	.62	.62	.60
1	.73	.69	.65	.62	.70	.66	.63	.59	.61	.58	.55	.56	.54	.52	.51	.50	.48	.46
2	.66	.59	.54	.49	.63	.57	.52	.48	.53	.48	.45	.48	.45	.42	.45	.42	.39	.37
3	.60	.52	.46	.41	.57	.50	.44	.40	.46	.41	.38	.43	.39	.35	.39	.36	.33	.31
4	.55	.46	.40	.35	.53	.45	.39	.34	.41	.36	.32	.38	.34	.30	.35	.32	.29	.27
5	.51	.41	.35	.30	.48	.40	.34	.29	.37	.32	.28	.34	.30	.27	.32	.28	.25	.23
6	.47	.37	.31	.26	.45	.36	.30	.26	.34	.29	.25	.31	.27	.24	.29	.25	.22	.21
7	.44	.34	.28	.23	.42	.33	.27	.23	.31	.26	.22	.29	.24	.21	.27	.23	.20	.18
8	.41	.31	.25	.21	.39	.30	.25	.21	.28	.23	.20	.26	.22	.19	.25	.21	.18	.17
9	.38	.29	.23	.19	.37	.28	.22	.19	.26	.21	.18	.25	.20	.17	.23	.19	.17	.15
10	.36	.27	.21	.17	.34	.26	.21	.17	.24	.20	.16	.23	.19	.16	.21	.18	.15	.14

HUNTER DOUGLAS BAFFLE LIGHT

