

GENERATION BRANDS

Goniophotometer Test Report

Filename: 15099 - TECH CAFE 16DB16 WALL SCONCE

Manufacturer: TECH LIGHTING

Lamp Output: 1 lamp, rated Lumens/lamp: 254.6

Max Candela: 101.2 at Horizontal: 90°, Vertical: 90°

Input Wattage: 12

Luminous Opening: Point

Test Date: 02-Oct-2015 14:46:28

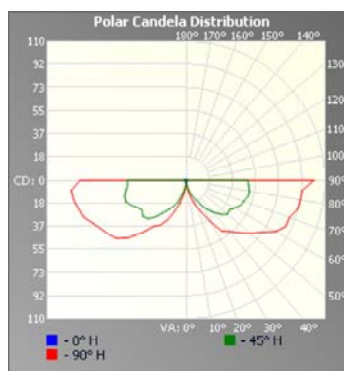
Test Lab: GENERATION BRANDS INTERNAL TESTING

Color Constant: 2942K - 83.7CRI

Photometry : Type C

CIE Class: Direct

Cutoff Class: Noncutoff

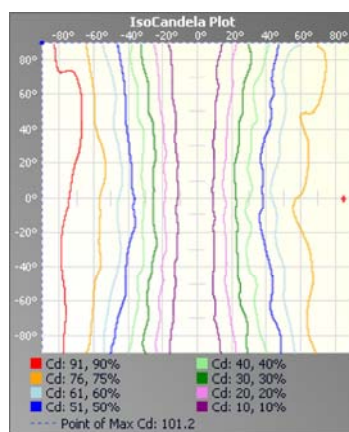
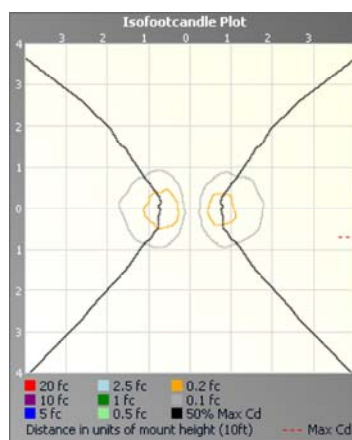


Zonal Lumen Summary

Zone	Lumens	% Lamp	% Luminaire
0-30	12.1	4.8%	4.8%
0-40	29.4	11.6%	11.6%
0-60	93.4	36.7%	36.7%
60-90	148.5	58.3%	58.3%
70-100	116.1	45.6%	45.6%
90-120	12.8	5%	5%
0-90	241.9	95%	95%
90-180	12.8	5%	5%
0-180	254.6	100%	100%

Lumens Per Zone

Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	0.4	0.2%	90-100	12.8	5%
10-20	3.0	1.2%	100-110	0	0%
20-30	8.8	3.4%	110-120	0	0%
30-40	17.3	6.8%	120-130	0	0%
40-50	27.3	10.7%	130-140	0	0%
50-60	36.6	14.4%	140-150	0	0%
60-70	45.2	17.7%	150-160	0	0%
70-80	51.1	20.1%	160-170	0	0%
80-90	52.2	20.5%	170-180	0	0%



Illuminance at a Distance	
Center Beam fc	Beam Width
2.0ft	0.26 fc
4.0ft	0.07 fc
6.0ft	0.03 fc
8.0ft	0.02 fc
10.0ft	0.01 fc

Horiz. Spread: 2.5°

Candela Table - Type C

	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100	105	110	115	120	125	130	135	140	145	150	155	160	165	170	175	180	185	190	195	200	205	210	215	220	225	230	235	240	245	250		
0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
5	1	1	1	1	1	1	1	1	1	2	2	2	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	2	2	2	3	3	4	4	4	5	5	5	5	5		
10	2	2	2	2	2	2	3	3	4	4	5	6	6	7	8	8	8	8	8	7	7	7	6	6	5	5	4	4	3	3	2	2	1	1	1	1	1	1	1	2	3	4	4	5	5	6	6	7	8	9	10	11	11
15	2	2	2	2	3	4	5	6	7	8	10	11	12	13	14	15	15	15	14	14	14	13	12	11	10	10	9	8	7	6	4	3	2	1	1	1	1	3	4	5	6	7	8	9	11	13	15	17	17	18	18		
20	2	2	2	2	4	6	8	9	11	12	14	16	18	20	21	21	21	21	21	21	21	20	19	18	17	16	15	13	12	10	8	6	4	3	2	2	2	3	4	5	7	9	11	13	16	18	21	22	24	24	25		
25	2	1	2	3	5	8	11	13	15	17	19	21	24	26	27	28	29	29	29	28	28	27	26	25	24	22	20	18	16	13	10	8	6	4	3	2	1	3	5	6	9	12	14	17	20	23	25	26	29	31	34		
30	1	1	2	4	7	9	13	17	20	22	26	28	30	32	33	35	37	37	38	38	36	35	33	31	31	29	27	24	21	17	13	10	8	5	4	2	1	3	5	8	11	14	17	21	24	27	30	32	34	36	40		
35	0	1	2	3	7	11	15	21	26	29	34	36	37	39	40	42	44	47	49	48	47	45	42	38	37	36	34	30	26	22	17	13	10	6	4	2	1	3	6	9	13	18	21	25	29	32	38	39	40	44			
40	0	1	3	6	10	14	18	23	29	34	38	40	42	46	49	50	52	53	53	52	53	55	53	47	43	41	39	34	28	22	17	13	9	5	3	2	1	4	7	11	15	19	23	27	33	39	43	43	48	53			
45	0	2	3	7	12	16	22	27	33	39	42	45	48	52	56	60	62	61	59	58	58	59	58	53	47	43	42	39	31	25	20	16	11	6	3	2	1	5	8	12	17	22	27	31	38	43	45	46	48	55	59		
50	1	2	4	8	13	17	24	31	37	43	46	49	53	57	63	69	71	69	66	64	62	62	61	59	52	46	44	42	35	29	23	19	14	8	4	2	1	5	9	15	20	25	30	35	40	45	47	48	54	59	62		
55	1	0	4	8	13	18	24	30	36	42	47	52	57	65	71	74	77	75	72	70	70	69	70	70	60	51	45	41	35	29	24	19	15	8	4	2	1	6	9	15	20	25	29	34	38	42	47	51	56	62	64		
60	0	0	3	8	13	19	25	32	38	45	50	55	61	67	75	79	80	80	82	84	79	75	74	74	65	56	50	45	39	31	24	19	14	9	5	3	1	5	8	14	20	27	33	37	40	44	49	53	59	64	66		
65	0	1	3	8	14	21	27	35	42	48	54	60	65	69	77	84	84	87	91	86	80	77	75	68	59	53	49	43	34	26	20	15	10	5	3	1	5	8	14	20	27	34	39	44	48	51	56	63	67	69			
70	1	0	5	9	16	21	29	37	43	49	57	66	70	73	79	88	89	87	87	90	89	84	80	74	67	59	53	48	43	36	30	23	17	10	5	3	1	6	10	16	20	26	31	38	46	51	54	62	71	74	74		
75	1	1	4	9	15	21	28	35	42	51	60	65	69	78	88	94	97	94	91	90	89	86	82	77	71	61	52	47	43	36	30	22	16	9	4	2	0	4	8	14	20	25	30	39	47	50	54	63	72	74	75		
80	1	2	4	9	16	21	27	34	41	51	59	64	69	80	91	96	98	95	92	91	90	88	85	79	71	61	52	47	43	35	28	21	15	9	4	1	0	3	8	13	19	25	32	39	45	49	52	62	71	76	79		
85	1	2	4	10	16	21	26	34	42	50	57	63	68	79	90	93	94	93	92	92	90	87	80	71	61	52	47	42	35	27	21	15	9	4	2	2	4	8	12	17	26	34	38	42	47	52	60	69	77	83			
90	1	1	1	7	14	20	26	35	44	49	54	60	67	76	83	84	86	94	101	99	95	86	77	76	74	62	49	44	40	35	30	22	14	8	4	2	1	4	7	12	17	25	32	36	41	47	53	59	65	72	77		
95	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		

Luminaire Report Summary

Photometrics Pro 1.3.28 copyright 2003-2015 by jSolutions, Inc.
Reported data calculated from manufacturer's data file, based on IES recommended methods.