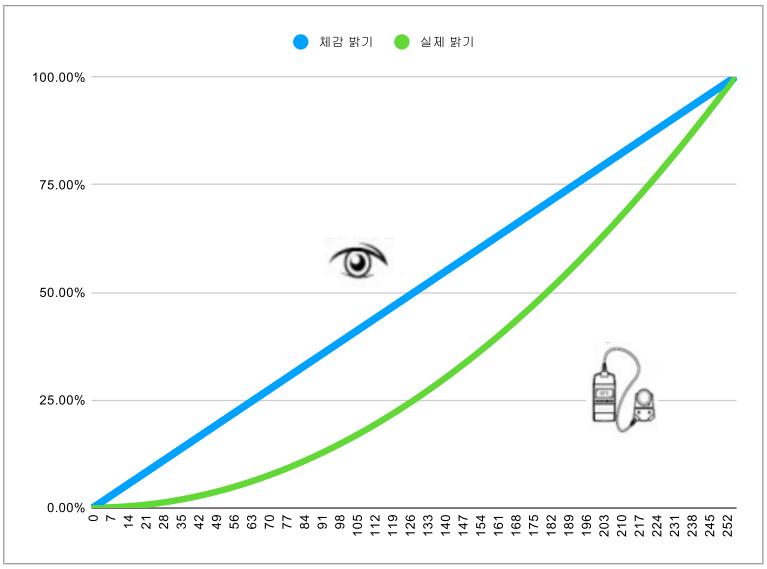
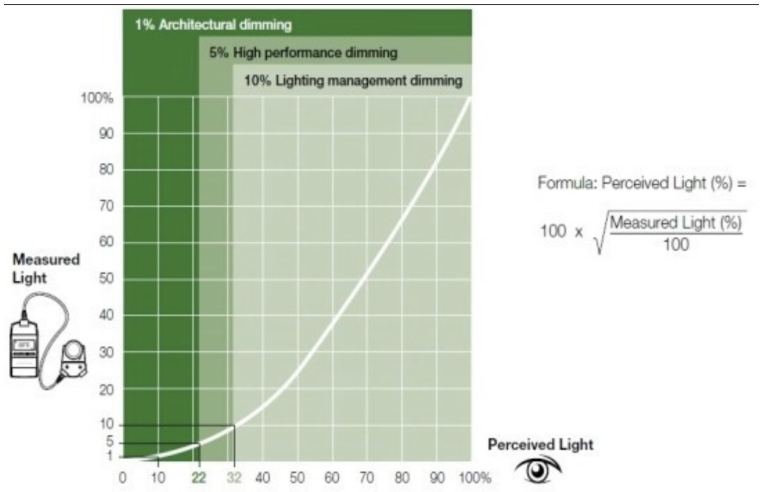
Dim level	체감 밝기	실제 밝기	출력 제어 신호
0~255	0~100%	0~100%	0~10v
0	0.0%	0.0%	0.00v
1	0.4%	0.0%	0.00v
2	0.8%	0.0%	0.00v
3	1.2%	0.0%	0.00v
4	1.6%	0.0%	0.00v
5	2.0%	0.0%	0.00v
6	2.4%	0.1%	0.01v
7	2.7%	0.1%	0.01v
8	3.1%	0.1%	0.01v
9	3.5%	0.1%	0.01v
10	3.9%	0.2%	0.02v
11	4.3%	0.2%	0.02v
12	4.7%	0.2%	0.02v
13	5.1%	0.3%	0.03v
14	5.5%	0.3%	0.03v
15	5.9%	0.3%	0.03v
16	6.3%	0.4%	0.04v
17	6.7%	0.4%	0.04v
18	7.1%	0.5%	0.05v
19	7.5%	0.6%	0.06v
20	7.8%	0.6%	0.06v
21	8.2%	0.7%	0.07v
22	8.6%	0.7%	0.07v
23	9.0%	0.8%	0.08v
24	9.4%	0.9%	0.09v
25	9.8%	1.0%	0.10v
26	10.2%	1.0%	0.10v
27	10.6%	1.1%	0.11v
28	11.0%	1.2%	0.12v
29	11.4%	1.3%	0.13v
30	11.8%	1.4%	0.14v
31	12.2%	1.5%	0.15v
32	12.5%	1.6%	0.16v
33	12.9%	1.7%	0.17v
34	13.3%	1.8%	0.18v
35	13.7%	1.9%	0.19v
36	14.1%	2.0%	0.20v
37	14.5%	2.1%	0.21v
38	14.9%	2.2%	0.22v
39	15.3%	2.3%	0.23v
40	15.7%	2.5%	0.25v
41	16.1%	2.6%	0.26v
42	16.5%	2.7%	0.27v
43	16.9%	2.8%	0.28v
44	17.3%	3.0%	0.30v
45	17.6%	3.1%	0.31v
46	18.0%	3.3%	0.33v
47	18.4%	3.4%	0.34v
48	18.8%	3.5%	0.35v
49	19.2%	3.7%	0.37v
50	19.6%	3.8%	0.38v
51	20.0%	4.0%	0.40v





Measured vs. Perceived Light

Source: IESNA Lighting Handbook, 9th Edition. (New York: IESNA, 2000), 27-4.

Dim level	체감 밝기	실제 밝기	출력 제어 신호	
0~255	0~100%	0~100%	0~10v	
52	20.4%	4.2%	0.42v	
53	20.8%	4.3%	0.43v	
54	21.2%	4.5%	0.45v	
55	21.6%	4.7%	0.47v	
56	22.0%	4.8%	0.48v	
57	22.4%	5.0%	0.50v	
58	22.7%	5.2%	0.52v	
59	23.1%	5.4%	0.54v	
60	23.5%	5.5%	0.55v	
61	23.9%	5.7%	0.57v	
62	24.3%	5.9%	0.59v	
63	24.7%	6.1%	0.61v	
64	25.1%	6.3%	0.63v	
65	25.5%	6.5%	0.65v	
66	25.9%	6.7%	0.67v	
67	26.3%	6.9%	0.69v	
68	26.7%	7.1%	0.71v	
69	27.1%	7.3%	0.73v	
70	27.5%	7.5%	0.75v	
71	27.8%	7.8%	0.78v	
72	28.2%	8.0%	0.80v	
73	28.6%	8.2%	0.82v	
74	29.0%	8.4%	0.84v	
75	29.4%	8.7%	0.87v	
76	29.8%	8.9%	0.89v	
77	30.2%	9.1%	0.91v	
78	30.6%	9.4%	0.94v	
79	31.0%	9.6%	0.96v	
80	31.4%	9.8%	0.98v	온오프 포인트(Default)
81	31.8%	10.1%	1.01v	
82	32.2%	10.3%	1.03v	
83	32.5%	10.6%	1.06v	
84	32.9%	10.9%	1.09v	
85	33.3%	11.1%	1.11v	
86	33.7%	11.4%	1.14v	
87	34.1%	11.6%	1.16v	
88	34.5%	11.9%	1.19v	
89	34.9%	12.2%	1.22v	
90	35.3%	12.5%	1.25v	
91	35.7%	12.7%	1.27v	
92	36.1%	13.0%	1.30v	
93	36.5%	13.3%	1.33v	
94	36.9%	13.6%	1.36v	
95	37.3%	13.9%	1.39v	
96	37.6%	14.2%	1.42v	
97	38.0%	14.5%	1.45v	
98	38.4%	14.8%	1.48v	
99	38.8%	15.1%	1.51v	
100	39.2%	15.4%	1.54v	
101	39.6%	15.7%	1.57v	
102	40.0%	16.0%	1.60v	
103	40.4%	16.3%	1.63v	

Dim level	체감 밝기	실제 밝기	출력 제어 신호
0~255	0~100%	0~100%	0~10v
104	40.8%	16.6%	1.66v
105	41.2%	17.0%	1.70v
106	41.6%	17.3%	1.73v
107	42.0%	17.6%	1.76v
108	42.4%	17.9%	1.79v
109	42.7%	18.3%	1.83v
110	43.1%	18.6%	1.86v
111	43.5%	18.9%	1.89v
112	43.9%	19.3%	1.93v
113	44.3%	19.6%	1.96v
114	44.7%	20.0%	2.00v
115	45.1%	20.3%	2.03v
116	45.5%	20.7%	2.07v
117	45.9%	21.1%	2.11v
118	46.3%	21.4%	2.14v
119	46.7%	21.8%	2.18v
120	47.1%	22.1%	2.21v
121	47.5%	22.5%	2.25v
122	47.8%	22.9%	2.29v
123	48.2%	23.3%	2.33v
124	48.6%	23.6%	2.36v
125	49.0%	24.0%	2.40v
126	49.4%	24.4%	2.44v
127	49.8%	24.8%	2.48v
128	50.2%	25.2%	2.52v
129	50.6%	25.6%	2.56v
130	51.0%	26.0%	2.60v
131	51.4%	26.4%	2.64v
132	51.8%	26.8%	2.68v
133	52.2%	27.2%	2.72v
134	52.5%	27.6%	2.76v
135	52.9%	28.0%	2.80v
136	53.3%	28.4%	2.84v
137	53.7%	28.9%	2.89v
138	54.1%	29.3%	2.93v
139	54.5%	29.7%	2.97v
140	54.9%	30.1%	3.01v
141	55.3%	30.6%	3.06v
142	55.7%	31.0%	3.10v
143	56.1%	31.4%	3.14v
144	56.5%	31.9%	3.19v
145	56.9%	32.3%	3.23v
146	57.3%	32.8%	3.28v
147	57.6%	33.2%	3.32v
148	58.0%	33.7%	3.37v
149	58.4%	34.1%	3.41v
150	58.8%	34.6%	3.46v
151	59.2%	35.1%	3.51v
152	59.6%	35.5%	3.55v
153	60.0%	36.0%	3.60v
154	60.4%	36.5%	3.65v
155	60.8%	36.9%	3.69v

Dim level	체감 밝기	실제 밝기	출력 제어 신호
0~255	0~100%	0~100%	0~10v
156	61.2%	37.4%	3.74v
157	61.6%	37.9%	3.79v
158	62.0%	38.4%	3.84v
159	62.4%	38.9%	3.89v
160	62.7%	39.4%	3.94v
161	63.1%	39.9%	3.99v
162	63.5%	40.4%	4.04v
163	63.9%	40.9%	4.09v
164	64.3%	41.4%	4.14v
165	64.7%	41.9%	4.19v
166	65.1%	42.4%	4.24v
167	65.5%	42.9%	4.29v
168	65.9%	43.4%	4.34v
169	66.3%	43.9%	4.39v
170	66.7%	44.4%	4.44v
171	67.1%	45.0%	4.50v
172	67.5%	45.5%	4.55v
173	67.8%	46.0%	4.60v
174	68.2%	46.6%	4.66v
175	68.6%	47.1%	4.71v
176	69.0%	47.6%	4.76v
177	69.4%	48.2%	4.82v
178	69.8%	48.7%	4.87v
179	70.2%	49.3%	4.93v
180	70.6%	49.8%	4.98v
181	71.0%	50.4%	5.04v
182	71.4%	50.9%	5.09v
183	71.8%	51.5%	5.15v
184	72.2%	52.1%	5.21v
185	72.5%	52.6%	5.26v
186	72.9%	53.2%	5.32v
187	73.3%	53.8%	5.38v
188	73.7%	54.4%	5.44v
189	74.1%	54.9%	5.49v
190	74.5%	55.5%	5.55v
191	74.9%	56.1%	5.61v
192	75.3%	56.7%	5.67v
193	75.7%	57.3%	5.73v
194	76.1%	57.9%	5.79v
195	76.5%	58.5%	5.85v
196	76.9%	59.1%	5.91v
197	77.3%	59.7%	5.97v
198	77.6%	60.3%	6.03v
199	78.0%	60.9%	6.09v
200	78.4%	61.5%	6.15v
201	78.8%	62.1%	6.21v
202	79.2%	62.8%	6.28v
203	79.6%	63.4%	6.34v
204	80.0%	64.0%	6.40v
205	80.4%	64.6%	6.46v
206	80.8%	65.3%	6.53v
207	81.2%	65.9%	6.59v

Dim level	체감 밝기	실제 밝기	출력 제어 신호
0~255	0~100%	0~100%	0~10v
208	81.6%	66.5%	6.65v
209	82.0%	67.2%	6.72v
210	82.4%	67.8%	6.78v
211	82.7%	68.5%	6.85v
212	83.1%	69.1%	6.91v
213	83.5%	69.8%	6.98v
214	83.9%	70.4%	7.04v
215	84.3%	71.1%	7.11v
216	84.7%	71.8%	7.18v
217	85.1%	72.4%	7.24v
218	85.5%	73.1%	7.31v
219	85.9%	73.8%	7.38v
220	86.3%	74.4%	7.44v
221	86.7%	75.1%	7.51v
222	87.1%	75.8%	7.58v
223	87.5%	76.5%	7.65v
224	87.8%	77.2%	7.72v
225	88.2%	77.9%	7.79v
226	88.6%	78.5%	7.85v
227	89.0%	79.2%	7.92v
228	89.4%	79.9%	7.99v
229	89.8%	80.6%	8.06v
230	90.2%	81.4%	8.14v
231	90.6%	82.1%	8.21v
232	91.0%	82.8%	8.28v
233	91.4%	83.5%	8.35v
234	91.8%	84.2%	8.42v
235	92.2%	84.9%	8.49v
236	92.5%	85.7%	8.57v
237	92.9%	86.4%	8.64v
238	93.3%	87.1%	8.71v
239	93.7%	87.8%	8.78v
240	94.1%	88.6%	8.86v
241	94.5%	89.3%	8.93v
242	94.9%	90.1%	9.01v
243	95.3%	90.8%	9.08v
244	95.7%	91.6%	9.16v
245	96.1%	92.3%	9.23v
246	96.5%	93.1%	9.31v
247	96.9%	93.8%	9.38v
248	97.3%	94.6%	9.46v
249	97.6%	95.3%	9.53v
250	98.0%	96.1%	9.61v
251	98.4%	96.9%	9.69v
252	98.8%	97.7%	9.77v
253	99.2%	98.4%	9.84v
254	99.6%	99.2%	9.92v
255	100.0%	100.0%	10.00v