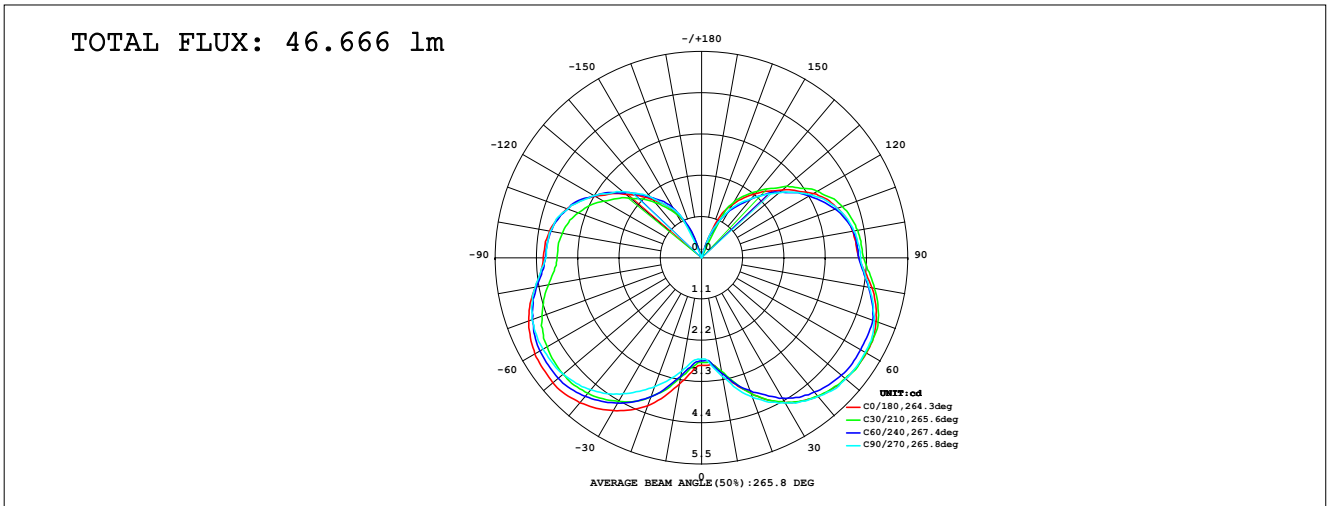


LAMP PHOTOMETRIC REPORT

Electrical: Voltage:12.00V Current:0.2173A Power:2.608W Factor:1.000		
MODEL: 487125-WL		
POWER: 3W	VOLTAGE: 12V	WORKING VOLTAGE: 12.0V
		Eff.: 17.90 lm/W



γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%
10	3.105	3.101	3.215	3.260	3.414	3.172	3.068	2.792	0- 10	0.2804	0.2804	0.60
20	3.836	3.782	3.952	3.859	4.194	3.924	3.656	3.540	10- 20	0.9974	1.278	2.74
30	4.458	4.370	4.469	4.343	4.706	4.420	4.184	4.101	20- 30	1.908	3.186	6.83
40	4.821	4.722	4.826	4.618	5.046	4.760	4.596	4.496	30- 40	2.863	6.050	13
50	5.019	4.877	5.019	4.716	5.180	4.969	4.816	4.749	40- 50	3.732	9.782	21
60	5.073	4.859	5.040	4.661	5.140	4.965	4.879	4.837	50- 60	4.402	14.18	30.4
70	4.953	4.689	4.898	4.480	4.903	4.815	4.815	4.815	60- 70	4.813	19.00	40.7
80	4.607	4.315	4.535	4.134	4.502	4.464	4.496	4.563	70- 80	4.874	23.87	51.2
90	4.200	3.930	4.238	3.957	4.227	4.200	4.150	4.167	80- 90	4.622	28.49	61.1
100	4.095	3.848	4.123	3.809	4.117	4.123	4.090	4.068	90-100	4.421	32.91	70.5
110	3.859	3.623	3.854	3.458	3.820	3.854	3.804	3.859	100-110	4.113	37.03	79.3
120	3.436	3.188	3.364	2.935	3.281	3.342	3.320	3.463	110-120	3.494	40.52	86.8
130	2.821	2.661	2.700	2.358	2.633	2.727	2.754	2.892	120-130	2.668	43.19	92.6
140	2.243	2.105	2.062	1.715	2.028	2.149	2.121	2.331	130-140	1.843	45.03	96.5
150	1.639	1.462	1.457	1.127	1.374	1.551	1.478	1.798	140-150	1.124	46.16	98.9
160	0.6601	0.4887	0.6653	0.3725	0.5796	0.3847	0.0164	0.8409	150-160	0.4774	46.63	99.9
170	0.0165	0.0110	0.0110	0	0.0165	0.0165	0.0055	0.0110	160-170	0.0315	46.66	100
180	0.0110	0.0110	0.0110	0	0.0165	0.0110	0.0055	0.0055	170-180	0.0008	46.67	100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Test Date:2025-06-09

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: GO-2000B_V1 SYSTEM V2.0.274
Humidity:65.0%
Test Distance:8.320m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Electrical: Voltage:12.00V Current:0.2173A Power:2.608W Factor:1.000		
MODEL: 487125-WL		
POWER: 3W	VOLTAGE: 12V	WORKING VOLTAGE: 12.0V
Eff.: 17.90 lm/W		

Table--1

UNIT: cd

C (DEG) γ (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	2.87	2.82	2.79	2.75	2.75	2.73	2.70	2.70	2.69	2.68	2.67	2.68	2.87	2.82	2.79	2.75	2.75	2.73	2.70
5	2.86	2.85	2.80	2.86	2.80	2.90	2.86	2.91	2.87	2.95	2.90	2.94	3.06	2.95	2.93	2.85	2.87	2.76	2.77
10	3.11	3.14	3.07	3.10	3.13	3.22	3.22	3.27	3.22	3.26	3.26	3.30	3.41	3.25	3.24	3.17	3.21	3.07	3.07
15	3.50	3.52	3.45	3.46	3.47	3.61	3.61	3.63	3.57	3.60	3.64	3.73	3.82	3.66	3.63	3.57	3.57	3.44	3.36
20	3.84	3.96	3.85	3.78	3.76	3.96	3.95	3.96	3.86	3.86	3.97	4.05	4.19	3.96	3.94	3.92	3.94	3.78	3.66
25	4.18	4.29	4.18	4.10	4.03	4.27	4.24	4.23	4.16	4.13	4.22	4.31	4.47	4.27	4.22	4.20	4.23	4.06	3.93
30	4.46	4.58	4.46	4.37	4.32	4.51	4.47	4.44	4.39	4.34	4.46	4.53	4.71	4.51	4.43	4.42	4.47	4.30	4.18
35	4.66	4.82	4.66	4.57	4.55	4.71	4.67	4.63	4.58	4.51	4.64	4.69	4.90	4.69	4.59	4.63	4.67	4.49	4.42
40	4.82	4.99	4.82	4.72	4.67	4.86	4.83	4.76	4.72	4.62	4.74	4.85	5.05	4.84	4.72	4.76	4.82	4.63	4.60
45	4.94	5.11	4.93	4.83	4.79	4.96	4.98	4.87	4.84	4.70	4.83	4.93	5.14	4.98	4.80	4.89	4.94	4.70	4.73
50	5.02	5.21	5.00	4.88	4.86	4.98	5.02	4.92	4.90	4.72	4.90	4.95	5.18	5.04	4.82	4.97	4.99	4.75	4.82
55	5.06	5.24	5.07	4.89	4.91	4.99	5.05	4.93	4.94	4.71	4.89	4.93	5.16	5.08	4.81	4.97	4.99	4.76	4.87
60	5.07	5.24	5.06	4.86	4.90	4.94	5.04	4.90	4.92	4.66	4.88	4.89	5.14	5.06	4.75	4.97	4.97	4.76	4.88
65	5.05	5.19	5.06	4.81	4.89	4.85	5.01	4.82	4.88	4.59	4.79	4.79	5.04	5.05	4.67	4.94	4.91	4.74	4.86
70	4.95	5.10	5.01	4.69	4.86	4.74	4.90	4.72	4.73	4.48	4.67	4.66	4.90	4.97	4.53	4.82	4.81	4.63	4.82
75	4.80	4.98	4.86	4.52	4.71	4.56	4.74	4.54	4.53	4.32	4.49	4.49	4.73	4.80	4.36	4.66	4.64	4.46	4.68
80	4.61	4.78	4.68	4.32	4.52	4.38	4.54	4.33	4.30	4.13	4.28	4.30	4.50	4.56	4.14	4.46	4.47	4.27	4.50
85	4.38	4.56	4.49	4.11	4.34	4.15	4.35	4.13	4.08	3.97	4.11	4.14	4.30	4.36	3.94	4.29	4.28	4.04	4.30
90	4.20	4.39	4.32	3.93	4.19	4.03	4.24	4.04	4.00	3.96	4.07	4.11	4.23	4.30	3.86	4.20	4.16	3.90	4.15
95	4.13	4.33	4.27	3.89	4.16	3.97	4.20	4.02	3.94	3.89	4.01	4.06	4.19	4.26	3.84	4.18	4.14	3.88	4.13
100	4.10	4.29	4.23	3.85	4.11	3.92	4.12	3.96	3.86	3.81	3.94	3.97	4.12	4.18	3.77	4.12	4.08	3.83	4.09
105	4.01	4.19	4.13	3.77	3.98	3.80	4.02	3.84	3.73	3.67	3.80	3.84	4.00	4.05	3.67	4.01	3.97	3.73	4.01
110	3.86	4.03	4.00	3.62	3.80	3.66	3.85	3.67	3.53	3.46	3.61	3.66	3.82	3.81	3.51	3.85	3.81	3.59	3.80
115	3.69	3.86	3.80	3.43	3.56	3.41	3.65	3.50	3.28	3.19	3.38	3.40	3.58	3.57	3.31	3.64	3.63	3.38	3.57
120	3.44	3.58	3.56	3.19	3.31	3.18	3.36	3.19	3.01	2.94	3.05	3.12	3.28	3.27	3.03	3.34	3.30	3.13	3.32
125	3.11	3.28	3.23	2.96	3.04	2.87	3.03	2.89	2.71	2.64	2.79	2.79	2.97	2.96	2.75	3.05	3.04	2.85	3.00
130	2.82	2.91	2.97	2.66	2.73	2.57	2.70	2.55	2.40	2.36	2.46	2.49	2.63	2.64	2.48	2.73	2.70	2.56	2.75
135	2.51	2.63	2.62	2.37	2.40	2.24	2.38	2.26	2.09	2.06	2.18	2.17	2.35	2.33	2.22	2.44	2.41	2.29	2.43
140	2.24	2.30	2.33	2.10	2.04	1.95	2.06	1.95	1.79	1.71	1.89	1.89	2.03	1.98	1.92	2.15	2.11	2.01	2.12
145	1.95	2.03	2.04	1.76	1.71	1.64	1.79	1.67	1.48	1.41	1.59	1.61	1.74	1.65	1.64	1.87	1.86	1.74	1.75
150	1.64	1.73	1.71	1.46	1.41	1.30	1.46	1.34	1.20	1.13	1.24	1.24	1.37	1.35	1.35	1.55	1.56	1.40	1.48
155	1.33	1.11	0.75	0.88	1.07	1.00	1.03	0.92	0.89	0.76	0.42	0.57	1.00	0.98	1.05	1.13	1.10	0.82	0.89
160	0.66	0.40	0.02	0.49	0.57	0.58	0.67	0.57	0.52	0.37	0.01	0.02	0.58	0.46	0.42	0.38	0.56	0.10	0.02
165	0.02	0.01	0.02	0.01	0.02	0.01	0.01	0.01	0.01	0.00	0.01	0.00	0.02	0.02	0.01	0.02	0.01	0.01	0.01
170	0.02	0.01	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.01	0.00	0.02	0.02	0.01	0.02	0.01	0.01	0.01
175	0.02	0.01	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.02	0.01	0.01	0.01	0.01	0.01	0.01
180	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.02	0.01	0.01	0.01	0.01	0.01	0.01

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Test Date:2025-06-09

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: GO-2000B_V1 SYSTEM V2.0.274
Humidity:65.0%
Test Distance:8.320m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Electrical: Voltage:12.00V Current:0.2173A Power:2.608W Factor:1.000		
MODEL: 487125-WL		
POWER: 3W	VOLTAGE: 12V	WORKING VOLTAGE: 12.0V
		Eff.: 17.90 lm/W

Table--2

UNIT: cd

C (DEG) γ (DEG)	285	300	315	330	345															
0	2.70	2.69	2.68	2.67	2.68															
5	2.70	2.72	2.71	2.67	2.68															
10	2.93	2.92	2.79	2.81	2.72															
15	3.24	3.25	3.15	3.13	3.06															
20	3.51	3.62	3.54	3.47	3.40															
25	3.78	3.93	3.84	3.78	3.71															
30	4.02	4.18	4.10	4.02	3.97															
35	4.20	4.40	4.32	4.21	4.22															
40	4.36	4.57	4.50	4.36	4.40															
45	4.50	4.73	4.64	4.48	4.56															
50	4.61	4.84	4.75	4.57	4.66															
55	4.66	4.87	4.82	4.58	4.73															
60	4.65	4.87	4.84	4.59	4.78															
65	4.63	4.84	4.84	4.55	4.78															
70	4.57	4.77	4.82	4.48	4.79															
75	4.43	4.66	4.71	4.38	4.71															
80	4.27	4.50	4.56	4.21	4.55															
85	4.05	4.29	4.35	3.98	4.33															
90	3.90	4.13	4.17	3.77	4.12															
95	3.87	4.10	4.10	3.70	4.03															
100	3.85	4.05	4.07	3.68	4.01															
105	3.79	3.97	3.99	3.61	3.93															
110	3.68	3.84	3.86	3.51	3.78															
115	3.49	3.70	3.72	3.34	3.56															
120	3.30	3.45	3.46	3.16	3.33															
125	3.01	3.19	3.19	2.87	3.03															
130	2.77	2.88	2.89	2.64	2.78															
135	2.50	2.60	2.61	2.35	2.46															
140	2.24	2.30	2.33	2.12	2.18															
145	1.96	2.05	2.07	1.85	1.84															
150	1.67	1.79	1.80	1.54	1.59															
155	1.34	1.41	1.44	1.29	1.31															
160	0.71	0.75	0.84	0.75	0.75															
165	0.01	0.01	0.01	0.01	0.02															
170	0.01	0.01	0.01	0.01	0.00															
175	0.01	0.01	0.01	0.01	0.00															
180	0.01	0.01	0.01	0.00	0.00															

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Test Date:2025-06-09

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: GO-2000B_V1 SYSTEM V2.0.274
Humidity:65.0%
Test Distance:8.320m [K=1.0000]
Remarks: