

PHOTOMETRICS

EDGE

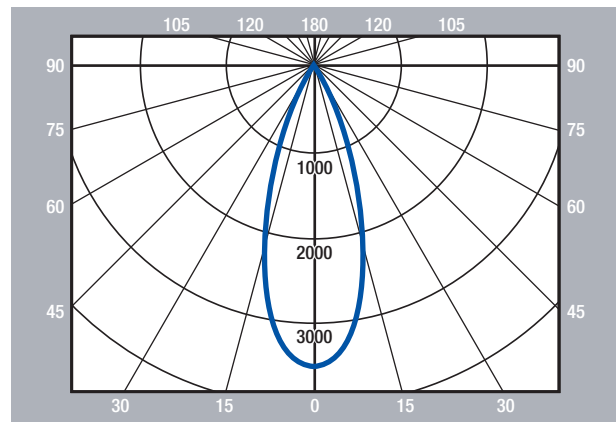
SERIES

NOMINAL SIZE	MODEL	LIGHT OUTPUT	WATTAGE VOLTAGE	COLOR TEMPERATURE	CRI	LIFETIME
5"	EG-500	1800 LM	20W/120 V*	3000K, 4000K	80+	50,000 HOURS

* Optional: 277 V or 347 V

EG-500 FOOTCANDLE DIAGRAM

MOUNTING HEIGHT (FEET/METERS)	FOOTCANDLES AT NADIR	DIAMETER (FEET/METERS)
4.00' / 1.22m	222	2.33' / 0.71m
6.00' / 1.83m	98.7	3.49' / 1.06m
8.00' / 2.44m	55.5	4.65' / 1.42m
10.0' / 3.05m	35.5	5.81' / 1.77m
12.0' / 3.66m	24.7	6.98' / 2.13m
14.0' / 4.27m	18.1	8.14' / 2.48m
16.0' / 4.88m	13.9	9.30' / 2.83m

EG-500 DISTRIBUTION CURVE

EG-500 AVERAGE LUMINANCE (cd/m²)

VERTICAL ANGLE (DEGREES)	HORIZONTAL ANGLE (DEGREES)		
	0	45	90
0	438200	438200	438200
45	11570	11570	11570
55	4399	4399	4399
65	4841	4841	4841
75	5771	5771	5771
85	3019	3019	3019

EG-500 ZONAL LUMEN SUMMARY

ZONAL LUMEN SUMMARY		
ZONE	LUMENS	% OF LUMINAIRE
0-40	1683.6	93.02
0-60	1743.5	96.33
0-90	1807.3	99.86
90-180	2.5	1.2

EG-500 COEFFICIENTS OF UTILIZATION

CEILING CAVITY REFLECTANCE	80				70				50			30			10			0
	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
WALL REFLECTANCE	EFFECTIVE FLOOR CAVITY REFLECTANCE 20%																	
ROOM CAVITY RATIO (RCR)	** VALUES ARE EXPRESSED AS LUMENS DELIVERED TO THE TASK SURFACE **																	
0	1999	1999	1999	1999	1953	1953	1953	1953	1866	1866	1866	1787	1787	1787	1714	1714	1714	1679
1	1911	1867	1827	1791	1870	1831	1795	1763	1763	1735	1709	1701	1678	1658	1643	1626	1610	1580
2	1826	1749	1686	1632	1789	1721	1663	1614	1667	1620	1579	1617	1579	1545	1571	1541	1513	1486
3	1745	1645	1568	1507	1712	1622	1552	1495	1579	1520	1471	1539	1490	1448	1502	1461	1426	1401
4	1669	1553	1468	1404	1640	1534	1456	1395	1499	1432	1379	1466	1409	1363	1436	1388	1348	1324
5	1598	1470	1382	1316	1572	1455	1372	1310	1426	1354	1299	1399	1337	1288	1374	1320	1277	1254
6	1531	1396	1305	1240	1507	1383	1298	1236	1359	1284	1228	1336	1270	1220	1315	1257	1212	1190
7	1468	1328	1237	1174	1447	1317	1231	1171	1297	1220	1165	1278	1209	1159	1260	1199	1153	1131
8	1409	1266	1176	1114	1390	1257	1171	1112	1239	1162	1108	1223	1154	1103	1208	1145	1099	1078
9	1354	1209	1121	1061	1337	1202	1117	1059	1187	1110	1056	1172	1103	1052	1159	1096	1049	1029
10	1303	1157	1070	1013	1287	1151	1067	1011	1138	1061	1009	1125	1055	1006	1114	1050	1003	984