

Luminaire

Code 90853L060
Name TEI L60W60 DCS 840 K3 LO

Measurem.

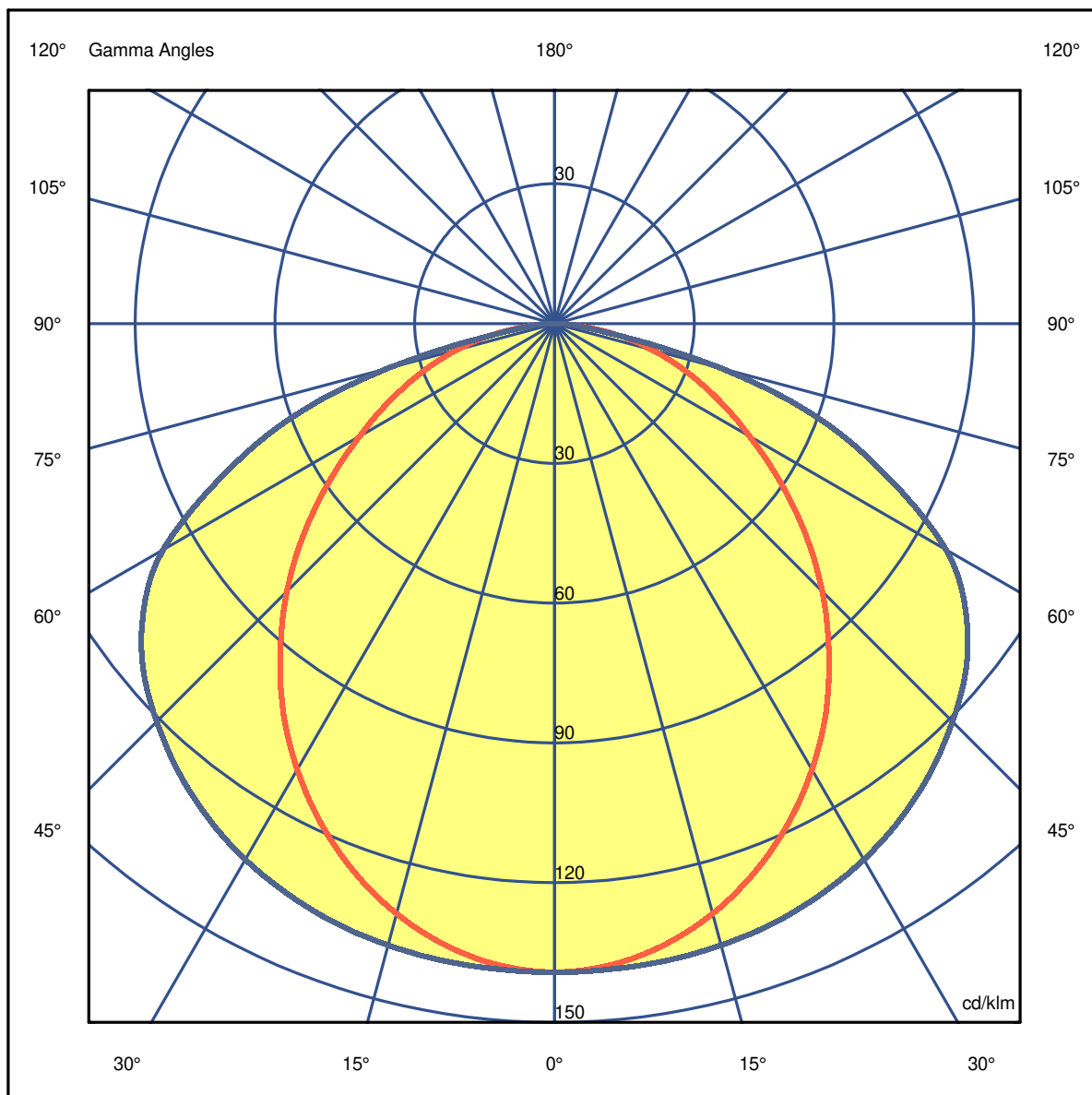
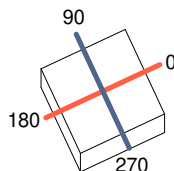
Code 17/8/2023
Name TEI L60W60 DCS 840 K3 LO

Luminaire Flux	2225 lm	Luminaire Power	29.3 W	Efficacy	75.999 lm/W	Efficiency	44.05%
Source Flux	5052 lm	Maximum value	139.30 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

595mm x 595mm

C Halfplanes

180.0 ————— 0.0
270.0 ————— 90.0



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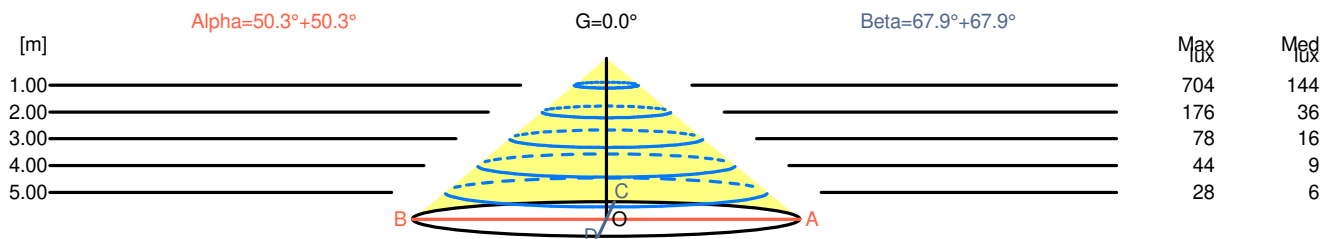
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Width at 50.00 % of Max Intensity

H[m]	1.00	2.00	3.00	4.00	5.00	H[m]	1.00	2.00	3.00	4.00	5.00
OA	1.20	2.41	3.61	4.82	6.02	OC	2.46	4.92	7.37	9.83	12.29
OB	1.20	2.41	3.61	4.82	6.02	OD	2.46	4.92	7.37	9.83	12.29

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	703.74	698.19	662.32	598.66	513.28	410.73	298.57	196.52	109.63	26.27
OB	703.74	698.19	662.32	598.66	513.28	410.73	298.57	196.52	109.63	26.27
OC	703.74	702.73	697.68	683.03	654.74	610.28	544.61	402.64	187.43	23.74
OD	703.74	702.73	697.68	683.03	654.74	610.28	544.61	402.64	187.43	23.74



H[m]	D[m]	Max lux	Med lux	Alpha=50.3°+50.3°	G=0.0	
1.00	2.41	704	144			
2.00	4.82	176	36			
3.00	7.22	78	16			
4.00	9.63	44	9			
5.00	12.04	28	6			

H[m]	D[m]	Max lux	Med lux	Beta=67.9°+67.9°	G=0.0	
1.00	4.92	704	144			
2.00	9.83	176	36			
3.00	14.75	78	16			
4.00	19.67	44	9			
5.00	24.58	28	6			

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Source Flux	5052 lm	Maximum value	139.30 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

UGR
S = 0.250

Reflectancies										
Ceiling/Cavity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Working Plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room Dimensions	Lateral View					Viewed Endwise				
x=2H y=2H	13.4	14.7	13.7	15.0	15.2	16.1	17.5	16.4	17.7	17.9
x=2H y=3H	14.6	15.8	14.9	16.1	16.4	17.8	19.0	18.1	19.3	19.5
x=2H y=4H	15.1	16.2	15.4	16.5	16.8	18.3	19.5	18.6	19.8	20.0
x=2H y=6H	15.4	16.4	15.7	16.8	17.1	18.4	19.5	18.8	19.8	20.1
x=2H y=8H	15.4	16.5	15.8	16.8	17.1	18.4	19.5	18.8	19.8	20.1
x=2H y=12H	15.5	16.5	15.8	16.8	17.1	18.4	19.4	18.8	19.7	20.1
x=4H y=2H	14.6	15.7	14.9	16.0	16.3	16.6	17.8	16.9	18.1	18.3
x=4H y=3H	16.1	17.1	16.4	17.4	17.7	18.5	19.5	18.8	19.8	20.1
x=4H y=4H	16.6	17.5	17.0	17.9	18.2	19.1	19.9	19.5	20.3	20.7
x=4H y=6H	17.0	17.8	17.4	18.2	18.5	19.3	20.0	19.7	20.4	20.8
x=4H y=8H	17.1	17.8	17.5	18.2	18.6	19.3	20.0	19.7	20.4	20.8
x=4H y=12H	17.1	17.7	17.6	18.2	18.6	19.3	19.9	19.7	20.3	20.7
x=8H y=4H	17.0	17.7	17.5	18.1	18.6	19.2	19.9	19.7	20.3	20.7
x=8H y=6H	17.5	18.1	18.0	18.5	19.0	19.4	20.0	19.9	20.5	20.9
x=8H y=8H	17.6	18.1	18.1	18.6	19.1	19.4	20.0	19.9	20.4	20.9
x=8H y=12H	17.7	18.1	18.1	18.6	19.1	19.5	19.9	19.9	20.4	20.8
x=12H y=4H	17.0	17.6	17.5	18.1	18.5	19.2	19.8	19.6	20.2	20.7
x=12H y=6H	17.5	18.0	18.0	18.4	18.9	19.4	19.9	19.9	20.4	20.9
x=12H y=8H	17.6	18.1	18.1	18.5	19.0	19.4	19.9	19.9	20.4	20.8

Luminaire

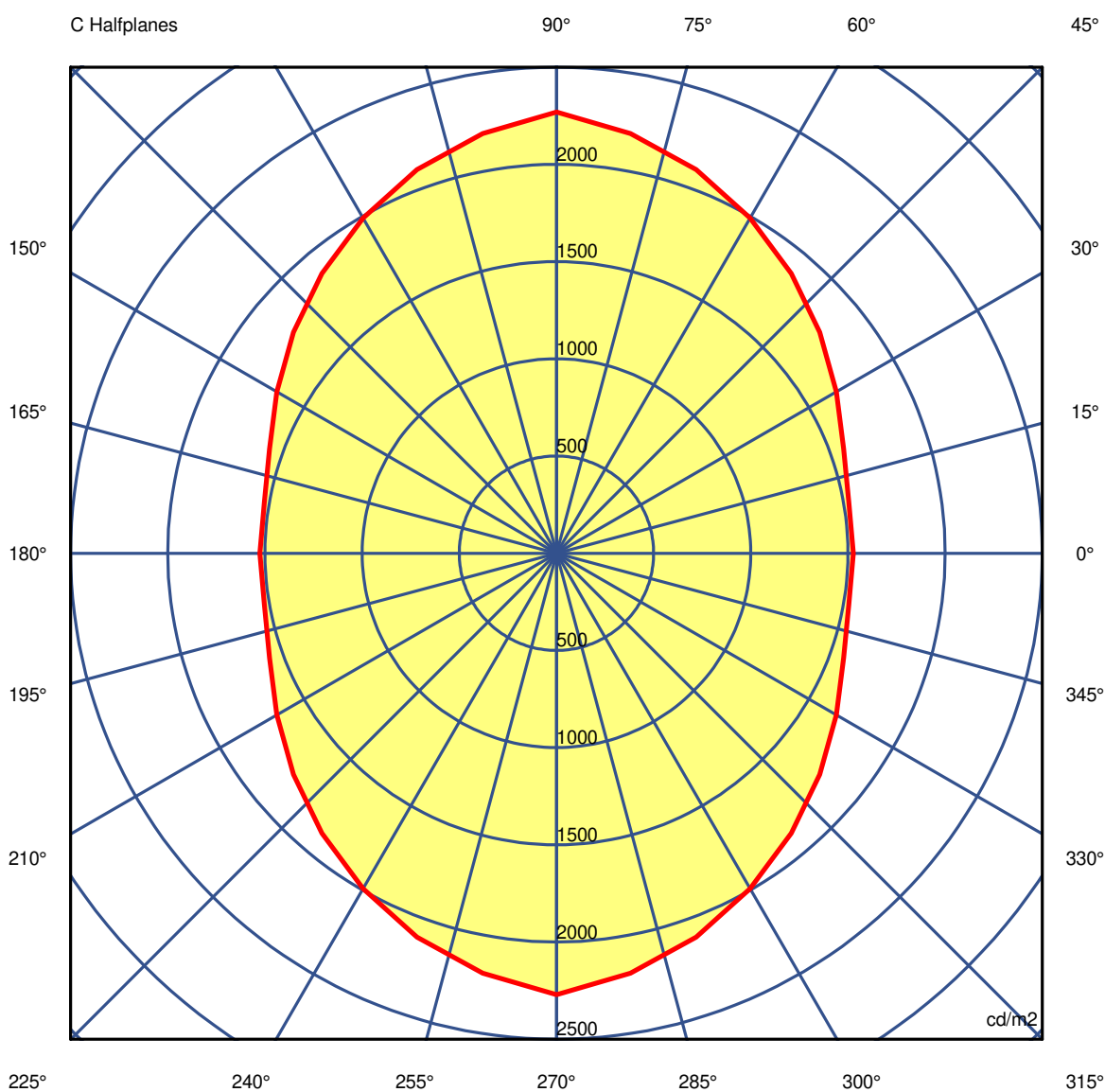
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Luminaire Flux	2225 lm	Luminaire Power	29.3 W	Efficacy	75.999 lm/W	Efficiency	44.05%
Source Flux	5052 lm	Maximum value	139.30 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Luminance



45.0°

Luminaire

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Luminaire Flux	2225 lm		Luminaire Power		29.3 W		Efficacy		75.999 lm/W		Efficiency		44.05%	
Source Flux	5052 lm		Maximum value		139.30 cd/klm		Position		C=0.00 G=0.00		CG		Double Symmetrical	
Luminance cd/m2 Table 1/3														
	C 0.00	C 10.00	C 20.00	C 30.00	C 40.00	C 50.00	C 60.00	C 70.00	C 80.00	C 90.00	C 100.00	C 110.00	C 120.00	
G 0.0	2158	2158	2158	2158	2158	2158	2158	2158	2158	2158	2158	2158	2158	
G 5.0	2119	2114	2111	2111	2112	2113	2117	2123	2128	2133	2128	2123	2117	
G 10.0	2070	2062	2059	2060	2066	2074	2085	2097	2110	2122	2110	2097	2085	
G 15.0	2013	2002	2001	2010	2022	2039	2059	2081	2101	2121	2101	2081	2059	
G 20.0	1950	1938	1938	1952	1976	2005	2038	2073	2104	2130	2104	2073	2038	
G 25.0	1880	1866	1871	1895	1930	1973	2020	2069	2110	2145	2110	2069	2020	
G 30.0	1804	1790	1801	1838	1887	1946	2009	2070	2122	2168	2122	2070	2009	
G 35.0	1721	1709	1728	1779	1845	1921	1999	2075	2139	2196	2139	2075	1999	
G 40.0	1626	1621	1652	1721	1806	1898	1993	2085	2163	2229	2163	2085	1993	
G 45.0	1527	1527	1572	1662	1769	1879	1991	2101	2193	2270	2193	2101	1991	
G 50.0	1414	1424	1488	1605	1732	1861	1992	2118	2225	2320	2225	2118	1992	
G 55.0	1290	1319	1409	1552	1699	1843	1986	2127	2247	2353	2247	2127	1986	
G 60.0	1164	1208	1321	1492	1658	1809	1952	2091	2215	2334	2215	2091	1952	
G 65.0	1051	1103	1234	1425	1592	1717	1817	1917	2026	2154	2026	1917	1817	
G 70.0	936	985	1131	1319	1416	1476	1556	1663	1782	1912	1782	1663	1556	
G 75.0	801	850	966	1088	1105	1134	1218	1287	1333	1370	1333	1287	1218	
G 80.0	615	635	690	694	542	466	464	497	533	583	533	497	464	
G 85.0	319	284	250	222	217	219	227	242	261	288	261	242	227	
G 90.0	47	45	46	48	46	46	48	56	64	75	64	56	48	

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Source Flux	5052 lm		Maximum value		139.30 cd/klm		Position		C=0.00 G=0.00		CG		Double Symmetrical	
Luminance cd/m2														
Table 2/3														
	C 130.00	C 140.00	C 150.00	C 160.00	C 170.00	C 180.00	C 190.00	C 200.00	C 210.00	C 220.00	C 230.00	C 240.00	C 250.00	
G 0.0	2158	2158	2158	2158	2158	2158	2158	2158	2158	2158	2158	2158	2158	
G 5.0	2113	2112	2111	2111	2114	2119	2114	2111	2111	2112	2113	2117	2123	
G 10.0	2074	2066	2060	2059	2062	2070	2062	2059	2060	2066	2074	2085	2097	
G 15.0	2039	2022	2010	2001	2002	2013	2002	2001	2010	2022	2039	2059	2081	
G 20.0	2005	1976	1952	1938	1938	1950	1938	1938	1952	1976	2005	2038	2073	
G 25.0	1973	1930	1895	1871	1866	1880	1866	1871	1895	1930	1973	2020	2069	
G 30.0	1946	1887	1838	1801	1790	1804	1790	1801	1838	1887	1946	2009	2070	
G 35.0	1921	1845	1779	1728	1709	1721	1709	1728	1779	1845	1921	1999	2075	
G 40.0	1898	1806	1721	1652	1621	1626	1621	1652	1721	1806	1898	1993	2085	
G 45.0	1879	1769	1662	1572	1527	1527	1527	1572	1662	1769	1879	1991	2101	
G 50.0	1861	1732	1605	1488	1424	1414	1424	1488	1605	1732	1861	1992	2118	
G 55.0	1843	1699	1552	1409	1319	1290	1319	1409	1552	1699	1843	1986	2127	
G 60.0	1809	1658	1492	1321	1208	1164	1208	1321	1492	1658	1809	1952	2091	
G 65.0	1717	1592	1425	1234	1103	1051	1103	1234	1425	1592	1717	1817	1917	
G 70.0	1476	1416	1319	1131	985	936	985	1131	1319	1416	1476	1556	1663	
G 75.0	1134	1105	1088	966	850	801	850	966	1088	1105	1134	1218	1287	
G 80.0	466	542	694	690	635	615	635	690	694	542	466	464	497	
G 85.0	219	217	222	250	284	319	284	250	222	217	219	227	242	
G 90.0	46	46	48	46	45	47	45	46	48	46	46	48	56	

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Luminance cd/m2 Table 3/3

	C 260.00	C 270.00	C 280.00	C 290.00	C 300.00	C 310.00	C 320.00	C 330.00	C 340.00	C 350.00
G 0.0	2158	2158	2158	2158	2158	2158	2158	2158	2158	2158
G 5.0	2128	2133	2128	2123	2117	2113	2112	2111	2111	2114
G 10.0	2110	2122	2110	2097	2085	2074	2066	2060	2059	2062
G 15.0	2101	2121	2101	2081	2059	2039	2022	2010	2001	2002
G 20.0	2104	2130	2104	2073	2038	2005	1976	1952	1938	1938
G 25.0	2110	2145	2110	2069	2020	1973	1930	1895	1871	1866
G 30.0	2122	2168	2122	2070	2009	1946	1887	1838	1801	1790
G 35.0	2139	2196	2139	2075	1999	1921	1845	1779	1728	1709
G 40.0	2163	2229	2163	2085	1993	1898	1806	1721	1652	1621
G 45.0	2193	2270	2193	2101	1991	1879	1769	1662	1572	1527
G 50.0	2225	2320	2225	2118	1992	1861	1732	1605	1488	1424
G 55.0	2247	2353	2247	2127	1986	1843	1699	1552	1409	1319
G 60.0	2215	2334	2215	2091	1952	1809	1658	1492	1321	1208
G 65.0	2026	2154	2026	1917	1817	1717	1592	1425	1234	1103
G 70.0	1782	1912	1782	1663	1556	1476	1416	1319	1131	985
G 75.0	1333	1370	1333	1287	1218	1134	1105	1088	966	850
G 80.0	533	583	533	497	464	466	542	694	690	635
G 85.0	261	288	261	242	227	219	217	222	250	284
G 90.0	64	75	64	56	48	46	46	48	46	45