



Catalog: T5HO High Bay Lighting Fixture

ELS lighting's T5HO highbay fixtures uses instant start electronic ballast with high quality reflectors to give you the perfect solution for you high bay application

What's Included

1 light fixture with a suspension chains (2ft length)

Specifications

Available High Bay fixture: 4 & 6 lamp Fixture

Mounting Type: Surface mounted or suspension mount

Lamp Type: T5 54W HO

Ballast: High power factor (HPF) electronic ballast

Luminous Flux: 5000 lumen per lamp

Efficacy: ≥88 lumen per Watt

Color Rendering Index (CRI): ≥ 82

Color Temperature (CCT): 4000K (clear white)

Lifespan: 20000hrs

Louver: Alanod specular

Housing: 0.6mm steel sheet with high quality powder coating

End Caps: 0.8mm steel sheet with high quality powder coating

Warranty: 2 year limited warranty, fixture only

Fixture size: 4' long, width depending on # of lamp

Certification 

Add On's

Occupancy Sensor: 0. – 20 minutes operating cycle

54W High Output fluorescent tube

Wire guard

Clear acrylic lens

Application Areas



Industrial



Retail

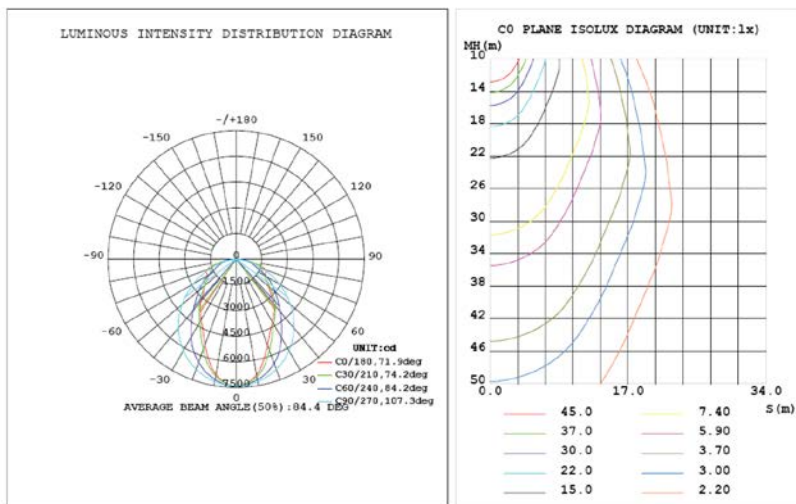
Product Options

# of Lamps	Size	Input Power	Input Voltage
4	4'×1.3'×0.4'	214.5W	120V-277V
6	4'×1.5'×0.4'	316W	347V

Model: 4 Lamp T5HO



Polar Candela Distribution



Legend

- **Polar Candela Distribution:** shows the distribution pattern of the luminaire
- **Zonal Flux Table:** total light output at different horizontal and vertical angles (zone)
- **Zonal Flux Summary:** total light output at multiple zones

Zonal Flux Table

γ	C0	C45	C90	C135	C180	C225	C270	C315
10	6867	7062	7269	7004	6831	7028	7263	7067
20	5380	6064	6858	5972	5328	6020	6849	6065
30	4256	4693	6183	4562	4092	4601	6181	4696
40	3441	3698	5262	3478	3181	3506	5254	3672
50	2470	2837	4153	2550	2378	2577	4136	2803
60	1955	1851	2925	1748	1923	1757	2891	1831
70	1835	1338	1667	1331	1798	1334	1633	1330
80	802.6	823.0	544.9	771.9	725.8	751.5	500.7	786.3
90	4.607	5.420	4.816	4.622	3.781	4.182	3.963	4.224
100	3.872	3.817	7.165	4.036	3.609	3.658	6.170	3.721
110	4.119	4.594	11.68	5.071	3.872	4.206	6.762	4.299
120	4.928	6.733	8.703	6.773	4.154	5.036	4.351	5.159
130	5.599	7.806	5.409	7.913	4.737	5.778	4.580	5.914
140	6.282	9.770	5.072	9.437	5.387	6.626	5.319	7.107
150	8.288	10.69	5.794	10.46	7.043	7.951	6.360	8.998
160	8.871	10.92	6.517	11.25	7.393	8.057	7.134	10.04
170	9.850	13.10	7.133	13.64	9.840	10.58	9.318	14.25
180	10.75	13.52	7.239	13.95	10.79	11.32	7.938	13.85
DEG	LUMINOUS INTENSITY:cd							

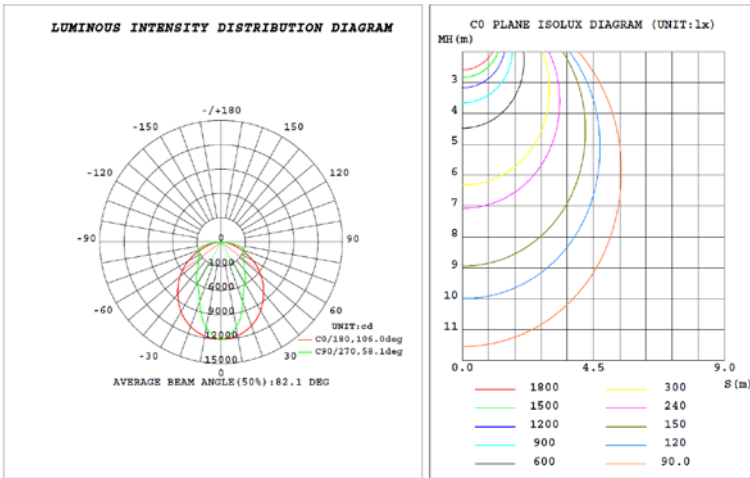
Zonal Flux Summary

γ	zone	total	lum, lamp
0- 10	689.4	689.4	4.36,4.36
10- 20	1856	2545	16.1,16.1
20- 30	2520	5065	32,32
30- 40	2761	7826	49.4,49.4
40- 50	2611	10437	65.9,65.9
50- 60	2173	12609	79.7,79.7
60- 70	1706	14316	90.5,90.5
70- 80	1181	15497	97.9,97.9
80- 90	289.3	15786	99.8,99.8
90-100	4.397	15791	99.8,99.8
100-110	5.128	15796	99.8,99.8
110-120	5.573	15801	99.8,99.8
120-130	5.301	15807	99.9,99.9
130-140	5.463	15812	99.9,99.9
140-150	5.365	15818	99.9,99.9
150-160	4.345	15822	100,100
160-170	2.859	15825	100,100
170-180	1.092	15826	100,100
	UNIT:lm		

Model: 6 Lamp T5HO



Luminous Intensity Distribution Curve



Legend

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Zonal Flux Table

γ	C0	C45	C90	C135	C180	C225	C270	C315
5	1194	1176	1162	1182	1192	1167	1151	1169
10	1179	1113	1071	1117	1173	1104	1066	1107
15	1150	1033	945.0	1037	1141	1025	945.4	1029
20	1110	926.2	782.3	929.5	1098	919.9	782.0	925.7
25	1057	793.9	660.6	797.2	1041	787.2	660.5	795.3
30	992.7	670.0	593.0	670.9	975.9	663.5	588.3	672.1
35	918.2	580.8	539.4	578.5	899.5	571.6	528.3	579.7
40	837.1	512.7	455.0	509.1	817.6	499.6	442.6	507.7
45	753.0	444.6	404.2	439.9	733.9	427.6	400.8	437.1
50	666.4	374.5	365.2	369.6	646.1	360.0	362.8	369.1
55	572.5	317.1	338.4	312.2	550.3	307.8	336.3	314.3
60	469.9	273.9	322.4	269.6	449.4	266.2	324.3	273.4
65	368.1	241.0	322.3	237.9	346.5	235.7	325.5	241.2
70	267.6	222.2	310.3	220.5	246.5	221.7	308.1	224.2
75	173.1	205.0	267.6	202.7	153.4	199.3	261.2	206.5
80	89.21	158.1	167.9	150.1	71.05	140.0	153.7	156.2
85	26.08	59.39	45.76	45.76	13.73	33.98	31.85	51.58
90	0.7399	0.7244	0.4822	0.4654	0.2875	0.4341	0.5656	0.4110
95	0.5362	0.3534	0.3864	0.4607	0.4151	0.4330	0.4256	0.3641
100	0.9792	0.3432	0.4182	0.4892	0.6878	0.4433	0.4377	0.3584
105	1.382	0.3758	0.4549	0.5825	1.097	0.5185	0.4745	0.4147
110	1.474	0.4591	0.4871	0.6660	1.398	0.5912	0.5096	0.4872
115	1.165	0.5476	0.5059	0.7353	1.398	0.6271	0.5163	0.5224
120	0.3428	0.6411	0.5207	0.7906	0.9769	0.6718	0.5169	0.5655
125	0.3606	0.7448	0.5477	0.8117	0.6545	0.7375	0.5177	0.6201
130	0.3721	0.8657	0.6149	0.8830	0.5153	0.8463	0.5703	0.7815
135	0.4167	0.9129	0.6751	0.9260	0.4665	0.9435	0.6072	0.8735
140	0.4819	0.9950	0.8273	0.9565	0.5161	0.9689	0.7891	0.9084
145	0.5556	1.117	0.9515	1.032	0.5800	1.108	0.8961	1.034
150	0.6372	1.344	1.044	1.116	0.6486	1.347	0.9392	1.277
155	0.7263	1.540	1.038	1.327	0.7541	1.475	1.135	1.355
160	0.7809	1.530	1.241	1.380	0.7938	1.490	1.340	1.331
165	0.8414	1.758	1.402	1.564	0.8226	1.580	1.336	1.360
170	0.9275	2.060	1.647	1.817	0.9312	1.954	1.660	1.719
175	0.9360	2.216	1.821	2.007	0.9407	2.046	1.838	1.870
180	0.8004	2.119	1.829	2.013	0.8401	1.970	1.818	1.800
DEG	LUMINOUS INTENSITY: ×10cd							

Zonal Flux Summary

γ	Φ zone	Φ total	%lum
0- 5	284.2	284.2	1.18
5- 10	818.4	1103	4.58
10- 15	1277	2379	9.88
15- 20	1620	3999	16.6
20- 25	1830	5829	24.2
25- 30	1956	7785	32.3
30- 35	2022	9807	40.7
35- 40	2018	11825	49.1
40- 45	1934	13759	57.1
45- 50	1825	15584	64.7
50- 55	1689	17272	71.7
55- 60	1541	18813	78.1
60- 65	1400	20213	83.9
65- 70	1275	21488	89.2
70- 75	1124	22611	93.9
75- 80	884.5	23496	97.5
80- 85	468.5	23964	99.5
85- 90	83.04	24047	99.8
90- 95	2.176	24049	99.8
95-100	2.409	24052	99.8
100-105	2.921	24055	99.8
105-110	3.458	24058	99.9
110-115	3.631	24062	99.9
115-120	3.197	24065	99.9
120-125	2.823	24068	99.9
125-130	2.853	24071	99.9
130-135	2.913	24074	99.9
135-140	2.959	24077	99.9
140-145	3.028	24080	99.9
145-150	2.916	24083	100
150-155	2.719	24085	100
155-160	2.457	24088	100
160-165	1.983	24090	100
165-170	1.645	24091	100
170-175	1.131	24093	100
175-180	0.3904	24093	100
	UNIT: lm		