



Job Name:	Catalog Number:	Type:
Distributor:		Prepared by: _____ Date: _____



DESCRIPTION

The T1-HBLED series is our line of LED high bay fixtures suitable for a wide variety of applications and mounting heights. Precision-designed optics, multiple distributions, and a choice of lumen outputs and color temperatures making the energy-efficient T1-HBLED series the ideal solution for industrial, commercial and other high bay applications.

SPECIFICATION FEATURES

Mounting
Can be suspended from the ceiling by AYC, EYE chain or aircraft cable, or optional pendant mount

Applications
Ideal solution for warehouses, retail, aisleway, etc.

Construction
Durable post painted steel housing with white gloss finish and optional clear or frosted acrylic lens

Certification
DLC Premium and UL listed. All components have UL certification. Protection Grade IP20

Warranty
7-year Limited Warranty. See warranty documentation for more information.

Input Voltage	120V-277V
Rated Wattage	See Performance Data
Delivered Lumens	See Performance Data
Efficacy	See Performance Data
CRI	> 80
Available CCT	4000K, 5000K
Color Consistency	5-step MacAdam Ellipse
Ambient Temp	-20°C to 55°C
Power Factor	> 0.92
THD	< 20%
Dimming	0-10V

ORDERING OPTIONS [Example shown: T1-HBLED/B/111-40]

SERIES	RATED WATTAGE	COLOR TEMP	LENS DIFFUSER
T1-HBLED	/B/ 111	- 40	
	111 - 111W	40 - 4000K	[Blank] - Frosted
	161 - 161W	50 - 5000K	CL - Clear
	221 - 221W	57 - 5700K	
	321 - 321W		





LED High Bay

T1-HBLED/B/111

Catalog number	Rated Wattage	Efficacy	Delivered Lumens
T1-HBLED/B/111-40	111W	136.3	15154
T1-HBLED/B/111-50	111W	136.4	15140



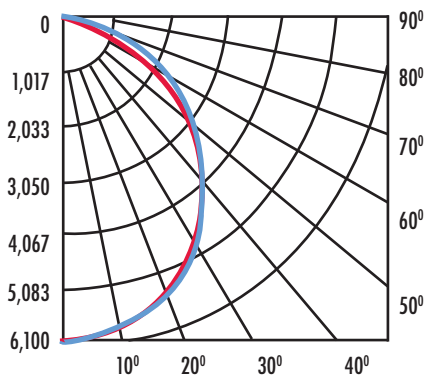
T1-HBLED/B/111 - 24.6" x 12.6" x 3.6"

ZONAL LUMENS SUMMARY

Zone	Lumens	% Lamp	% Luminaire
0-30	4,534.0	29.9	29.9
0-40	7,280.1	48.0	48.0
0-60	12,312.6	81.2	81.2
60-90	2,798.0	18.5	18.5
70-100	1,128.5	7.4	7.4
90-120	15.1	0.1	0.1
0-90	15,110.6	99.7	99.7
90-180	49.8	0.3	0.3
0-180	15,160.4	100	100

LUMENS PER ZONE

Zone	Lumens	%Total	Zone	Lumens	%Total
0-10	565.7	3.7	90-100	5.2	0
10-20	1,601.2	10.6	100-110	4.1	0
20-30	2,367.1	15.6	110-120	5.7	0
30-40	2,746.0	18.1	120-130	7.6	0
40-50	2,711.4	17.9	130-140	8.3	0.1
50-60	2,321.1	15.3	140-150	8.0	0.1
60-70	1,674.7	11.0	150-160	6.1	0
70-80	897.2	5.9	160-170	3.6	0
80-90	226.1	1.5	170-180	1.2	0



■ 0° H ■ 90° H

FLOOD SUMMARY

	Efficiency %	Lumens	Horiz. Spread	Vert. Spread
Field (10%):	97.6	14,790.7	156.5	156.4
Beam (50%):	67.1	10,162.0	100.6	101.8
Total:	100	15,161.8		

T-1 Lighting, Inc., 9929 Pioneer Boulevard, Santa Fe Springs, CA 90670 626-234-2328

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High Bay

LED High Bay

T1-HBLED/B/161

Catalog number	Rated Wattage	Efficacy	Delivered Lumens
T1-HBLED/B/161-40	161W	136.1	21912.1
T1-HBLED/B/161-50	161W	136.3	21944.0



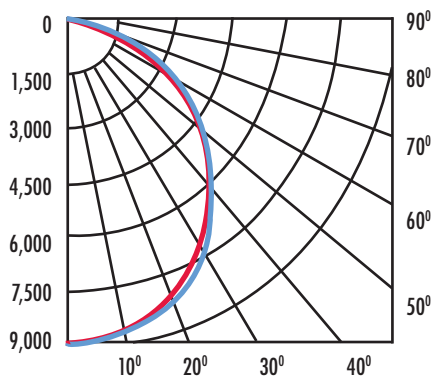
T1-HBLED/B/161 - 24.6" x 17.25" x 3.6"

ZONAL LUMENS SUMMARY

Zone	Lumens	% Lamp	% Luminaire
0-30	6,758.2	29.8	29.8
0-40	10,860.6	47.9	47.9
0-60	18,403.4	81.2	81.1
60-90	4,209.3	18.6	18.6
70-100	1,698.2	7.5	7.5
90-120	21.7	0.1	0.1
0-90	22,612.7	99.7	99.7
90-180	67.8	0.3	0.3
0-180	22,680.5	100	100

LUMENS PER ZONE

Zone	Lumens	%Total	Zone	Lumens	%Total
0-10	842.3	3.7	90-100	8.0	0
10-20	2,385.6	10.5	100-110	5.6	0
20-30	3,530.3	15.6	110-120	8.1	0
30-40	4,102.4	18.1	120-130	10.2	0
40-50	4,059.3	17.9	130-140	11.0	0
50-60	3,483.4	15.4	140-150	10.6	0
60-70	2,519.1	11.1	150-160	7.9	0
70-80	1,351.3	6.0	160-170	4.7	0
80-90	338.9	1.5	170-180	1.6	0



■ 0° H ■ 90° H

FLOOD SUMMARY

	Efficiency %	Lumens	Horiz. Spread	Vert. Spread
Field (10%):	97.7	22,146.1	156.8	156.4
Beam (50%):	67.4	15,273.9	101.4	101.9
Total:	100	22,682.2		

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LED High Bay

T1-HBLED/B/221

Catalog number	Rated Wattage	Efficacy	Delivered Lumens
T1-HBLED/B/221-40	221W	136.2	30091
T1-HBLED/B/221-50	221W	136.2	30122



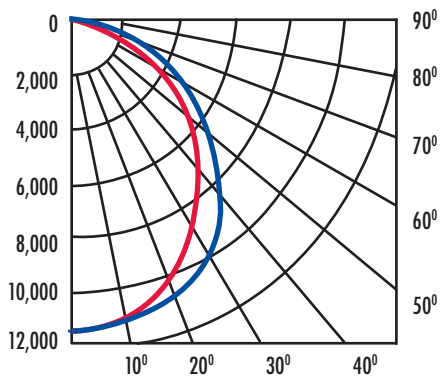
T1-HBLED/B/221 - 47.3" x 12.6" x 3.6"

ZONAL LUMENS SUMMARY

Zone	Lumens	% Lamp	% Luminaire
0-30	8,687.1	28.9	28.9
0-40	14,103.5	46.9	46.8
0-60	24,272.8	80.7	80.6
60-90	5,768.7	19.2	19.2
70-100	2,343.6	7.8	7.8
90-120	22.7	0.1	0.1
0-90	30,041.5	99.8	99.8
90-180	62.8	0.2	0.2
0-180	30,104.3	100	100

LUMENS PER ZONE

Zone	Lumens	%Total	Zone	Lumens	%Total
0-10	1,066.6	3.5	90-100	9.9	0
10-20	3,044.8	10.1	100-110	5.5	0
20-30	4,575.7	15.2	110-120	7.4	0
30-40	5,416.4	18.0	120-130	8.2	0
40-50	5,447.6	18.1	130-140	9.3	0
50-60	4,721.7	15.7	140-150	9.3	0
60-70	3,435.0	11.4	150-160	6.9	0
70-80	1,857.5	6.2	160-170	4.5	0
80-90	476.3	1.6	170-180	1.7	0



■ 0° H ■ 90° H ■ Max Cd: 10° H

FLOOD SUMMARY

	Efficiency %	Lumens	Horiz. Spread	Vert. Spread
Field (10%):	97.7	29,464.4	156.6	158.7
Beam (50%):	69.9	21,033.9	101.2	109.0
Total:	100	30,105.1		

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High Bay

LED High Bay | T1-HBLED/B/321

Catalog number	Rated Wattage	Efficacy	Delivered Lumens
T1-HBLED/B/321-40	321W	135.9	45120
T1-HBLED/B/321-50	321W	136.0	43656



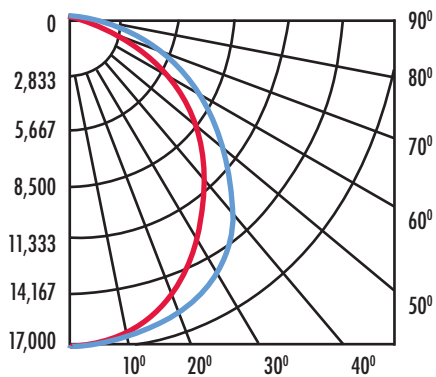
T1-HBLED/B/321 - 47.3" x 17.25" x 3.6"

ZONAL LUMENS SUMMARY

Zone	Lumens	% Lamp	% Luminaire
0-30	12,924.1	28.6	28.6
0-40	21,019.3	46.6	46.6
0-60	36,299.8	80.5	80.4
60-90	8,745.4	19.4	19.4
70-100	3,579.4	7.9	7.9
90-120	40.0	0.1	0.1
0-90	45,045.2	99.8	99.8
90-180	93.5	0.2	0.2
0-180	45,138.7	100	100

LUMENS PER ZONE

Zone	Lumens	%Total	Zone	Lumens	%Total
0-10	1,583.0	3.5	90-100	19.7	0
10-20	4,524.6	10.0	100-110	8.5	0
20-30	6,816.5	15.1	110-120	11.9	0
30-40	8,095.1	17.9	120-130	12.8	0
40-50	8,173.2	18.1	130-140	12.9	0
50-60	7,107.2	15.7	140-150	11.9	0
60-70	5,185.7	11.5	150-160	8.4	0
70-80	2,819.7	6.2	160-170	5.4	0
80-90	740.1	1.6	170-180	2.0	0



■ 0° H ■ 90° H

FLOOD SUMMARY

	Efficiency %	Lumens	Horiz. Spread	Vert. Spread
Field (10%):	97.9	44,182.1	157.3	159.0
Beam (50%):	70.2	31,656.0	102.3	109.7
Total:	100	45,139.4		

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