

Commercial and  
Industrial Lighting  
a light above.



Distributor: \_\_\_\_\_  
 Project: \_\_\_\_\_  
 Type: \_\_\_\_\_  
 Prepared by: \_\_\_\_\_  
 Date: \_\_\_\_\_

# IGNITE

## LED I-Beam High Bay



Ideal solution for industrial, commercial and other high bay applications.

T1-IHBLD2/B/81

### DESCRIPTION

The T1-IHBLD series is the newest addition to our line of LED high bay fixtures. With its' modern and sleek design, the T1-IHBLD series features a slim and light weight profile that will improve the aesthetics of any industrial, commercial or high ceiling retail facility. Precision-designed optics, multiple lumen packages and color temperatures makes these modern energy efficient LED I-Beam high bays perfect for any high bay application.

### SPECIFICATION FEATURES

#### Mounting

The T1-IHBLD series can be suspended from the ceiling by either AYC or EYE chain, Aircraft cable or it can be mounted on the ceiling directly.

Durable post painted steel housing with white gloss finish and optional Clear or Frosted Acrylic lens.

#### Applications

Warehouses, Retail, Aisleway, etc.

#### Construction

DLC Premium, UL Listed. All components have UL certification.

Protection Grade IP20.

#### Certification

DLC Premium, 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
Input Frequency	50/60 Hz
Rated Wattage	See Performance Data
Delivered Lumens	See Performance Data
Efficacy	> 130 LPW
CRI	> 80
Available CCT	4000K, 5000K
Color Consistency	5-step MacAdam Ellipse
Rated Life	> 50,000 hours
Ambient Temp	-20°C to 55°C
Power Factor	> 0.92
THD	< 20%
Dimming	0-10V Continuous (10-100%)

### ORDERING OPTIONS [Example shown: T1-IHBLD2/B/101-50 - CL - EM - OS - AC]

SERIES	SIZE	RATED WATTAGE	COLOR TEMP	LENS DIFFUSER	DIMMING	EMERGENCY BACKUP	CONTROLS	ACCESSORIES
T1-IHBLD2/B/101-50	2	/B/101	- 50	- CL		- EM	- OS	- AC
T1-IHBLD	2	81 - 81W	40 - 4000K	- Blank: Frosted	- Blank:	- EM: Emergency Backup	- OS: Occupancy Sensor	- WG: Wire Guard
	2	101 - 101W	50 - 5000K	- CL: Clear	0-10V		- OSDL: Occupancy Daylight w/Sensor	- AC: Aircraft Cables
	2	161 - 161W						- PK: Pendant Mount Kit
	4	201 - 201W						
	4	281 - 281W						
	4	321 - 321W						

T1-IHBLD2/B/161,201;  
 T1-IHBLD4/B/201;  
 T1-IHBLD4/B/281, 321  
 also available.



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## LED I-Beam High Bay

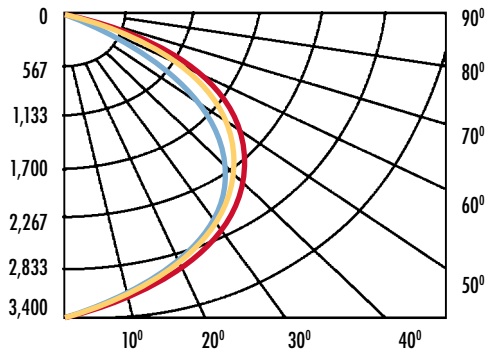
### T1-IHBLED2/B/81

#### ZONAL LUMENS SUMMARY

Zone	Lumens	% Lamp	% Luminaire
0-30	2,603.3	25.7	25.7
0-40	4,237.7	41.9	41.8
0-60	7,430.4	73.4	73.3
60-90	2,199.3	21.7	21.7
70-100	1,089.0	10.8	10.7
90-120	260.9	2.6	2.6
0-90	9,629.7	9.51	95
90-180	501.5	5	5
0-180	10,131.2	100.1	100

#### LUMENS PER ZONE

Zone	Lumens	%Total	Zone	Lumens	%Total
0-10	319.6	3.2	90-100	78.3	0.8
10-20	912.2	9	100-110	103.2	1
20-30	1,371.6	13.5	110-120	79.4	0.8
30-40	1,634.3	16.1	120-130	75.4	0.7
40-50	1,677.2	16.6	130-140	67.8	0.7
50-60	1,515.6	15.0	140-150	51.0	0.5
60-70	1,188.6	11.7	150-160	30.0	0.3
70-80	739.9	7.3	160-170	13.4	0.1
80-90	270.8	2.7	170-180	3.0	0

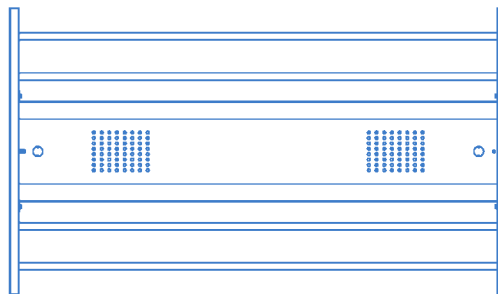


■ 0° H    ■ 90° H    ■ 45° H

#### FLOOD SUMMARY

	Efficiency %	Lumens	Horiz. Spread	Vert. Spread
Field [10%]:	93.7	9,480.1	171.3	156.5
Beam [50%]:	66.5	6,727.7	115.4	105.6
Total:	100.1	10,131.2		

T1-IHBLED2/B/81



25.5 x 15.2 x 2.1"



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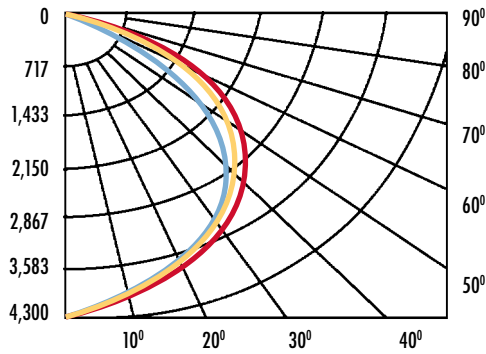
### T1-IHBLED2/B/101

#### ZONAL LUMENS SUMMARY

Zone	Lumens	% Lamp	% Luminaire
0-30	3,240.3	25.9	25.8
0-40	5,260.0	42	42
0-60	9,194.2	73.4	73.3
60-90	2,783.6	22.2	22.2
70-100	1,387.2	11.1	11.1
90-120	298.8	2.4	2.4
0-90	11,977.8	95.6	95.5
90-180	559.4	4.5	4.5
0-180	12,537.2	100	100

#### LUMENS PER ZONE

Zone	Lumens	%Total	Zone	Lumens	%Total
0-10	399.1	3.2	90-100	90.8	0.7
10-20	1,137.2	9.1	100-110	120.2	1
20-30	1,704.0	13.6	110-120	87.9	0.8
30-40	2,020.7	16.1	120-130	82.0	0.7
40-50	2,064.5	16.5	130-140	73.8	0.6
50-60	1,868.7	14.9	140-150	55.1	0.4
60-70	1,487.1	11.9	150-160	31.8	0.3
70-80	948.1	7.6	160-170	14.6	0.1
80-90	348.4	2.8	170-180	3.8	0

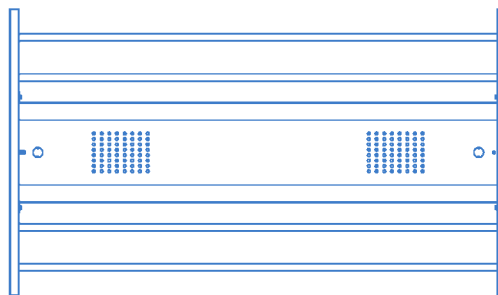


■ 0° H     
 ■ 90° H     
 ■ 45° H

#### FLOOD SUMMARY

	Efficiency %	Lumens	Horiz. Spread	Vert. Spread
Field [10%]:	94.1	11,794.5	171	157.2
Beam [50%]:	65.9	8,257.4	114.1	105.2
<b>Total:</b>	<b>100</b>	<b>12,536.4</b>		

T1-IHBLED2/B/101



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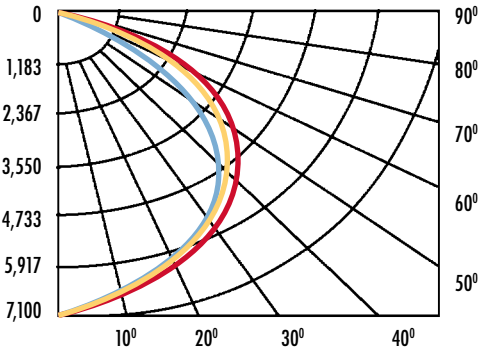
## LED I-Beam High Bay | T1-IHBLED2/B/161

### ZONAL LUMENS SUMMARY

Zone	Lumens	% Lamp	% Luminaire
0-30	5,415.7	26.3	26.2
0-40	8,803.6	42.7	42.7
0-60	15,399.7	74.6	74.6
60-90	4,459.4	21.6	21.6
70-100	2,060.3	10	10
90-120	317.1	1.5	1.5
0-90	19,859.1	96.3	96.2
90-180	778.9	3.8	3.8
0-180	20,638.0	100	100

### LUMENS PER ZONE

Zone	Lumens	%Total	Zone	Lumens	%Total
0-10	665.6	3.2	90-100	64.1	0.3
10-20	1,898.9	9.2	100-110	115.4	0.6
20-30	2,851.2	13.8	110-120	137.6	0.7
30-40	3,387.9	16.4	120-130	148.2	0.7
40-50	3,464.7	16.8	130-140	131.3	0.6
50-60	3,131.4	15.2	140-150	91.1	0.4
60-70	2,463.2	11.9	150-160	56.2	0.3
70-80	1,504.6	7.3	160-170	28.1	0.1
80-90	491.6	2.4	170-180	6.9	0

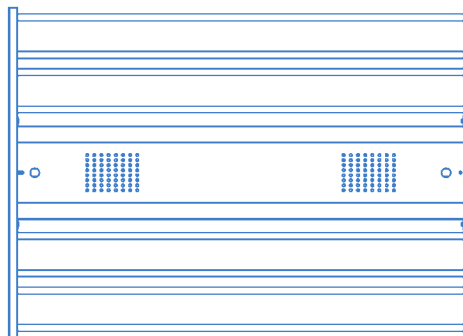


0° H      90° H      45° H

### FLOOD SUMMARY

	Efficiency %	Lumens	Horiz. Spread	Vert. Spread
Field [10%]:	94.7	19,535.9	167	158.6
Beam [50%]:	67.1	13,846.1	113.6	106.3
<b>Total:</b>	<b>100</b>	<b>20,637.0</b>		

T1-IHBLED2/B/161



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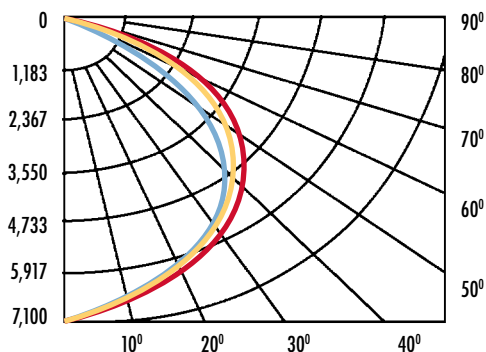
## LED I-Beam High Bay | T1-IHBLED4/B/201

### ZONAL LUMENS SUMMARY

Zone	Lumens	% Lamp	% Luminaire
0-30	6,472.7	25.5	25.5
0-40	10,604.3	41.8	41.8
0-60	18,801.1	74	74
60-90	5,697.7	22.4	22.4
70-100	2,780.3	11	10.9
90-120	490.7	1.9	1.9
0-90	24,498.8	96.5	96.5
90-180	899.4	3.5	3.5
0-180	25,398.2	100	100

### LUMENS PER ZONE

Zone	Lumens	%Total	Zone	Lumens	%Total
0-10	787.4	3.1	90-100	171.7	0.7
10-20	2,258.4	8.9	100-110	184.8	0.7
20-30	3,426.9	13.5	110-120	134.2	0.5
30-40	4,131.6	16.3	120-130	130.9	0.5
40-50	4,287.5	16.9	130-140	108.4	0.4
50-60	3,909.4	15.4	140-150	83.1	0.3
60-70	3,089.0	12.2	150-160	53.7	0.2
70-80	1,950.6	7.7	160-170	25.8	0.1
80-90	658.1	2.6	170-180	6.8	0



0° H      90° H      45° H

### FLOOD SUMMARY

	Efficiency %	Lumens	Horiz. Spread	Vert. Spread
Field [10%]:	95.1	24,154.0	167.1	161.8
Beam [50%]:	69.2	17,578.4	110.7	115.6
<b>Total:</b>	<b>100</b>	<b>25,397.0</b>		

### T1-IHBLED4/B/201



48.9 x 15.2 x 2.1"



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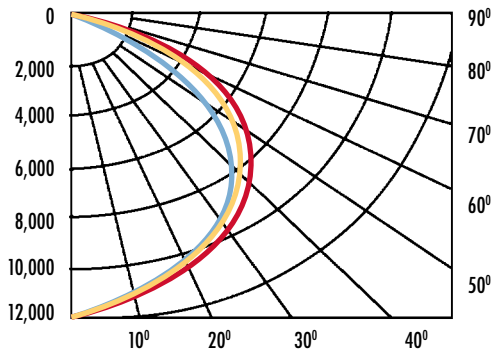
### T1-IHBLED4/B/281

#### ZONAL LUMENS SUMMARY

Zone	Lumens	% Lamp	% Luminaire
0-30	9,316.5	25.7	25.7
0-40	15,283.5	42.1	42.1
0-60	27,149.5	74.8	74.8
60-90	7,770.6	21.4	21.4
70-100	3,521.3	9.7	9.7
90-120	596.3	1.6	1.6
0-90	34,920.1	96.3	96.2
90-180	1,372.0	3.8	3.8
0-180	36,292.0	100	100

#### LUMENS PER ZONE

Zone	Lumens	%Total	Zone	Lumens	%Total
0-10	1,131.7	3.1	90-100	157.1	0.4
10-20	3,248.1	8.9	100-110	211.7	0.6
20-30	4,936.6	13.6	110-120	227.5	0.6
30-40	5,967.1	16.4	120-130	241.8	0.7
40-50	6,208.9	17.1	130-140	219.4	0.6
50-60	5,657.1	15.6	140-150	154.2	0.4
60-70	4,406.4	12.1	150-160	98.8	0.3
70-80	2,619.4	7.2	160-170	48.5	0.1
80-90	744.8	2.1	170-180	12.9	0



■ 0° H    
 ■ 90° H    
 ■ 45° H

#### FLOOD SUMMARY

	Efficiency %	Lumens	Horiz. Spread	Vert. Spread
Field [10%]:	94.9	34,419.7	164.4	159
Beam [50%]:	70.3	25,509.5	112.7	114.5
Total:	100	36,288.9		

T1-IHBLED4/B/281



48.9 x 18.1 x 2.1"



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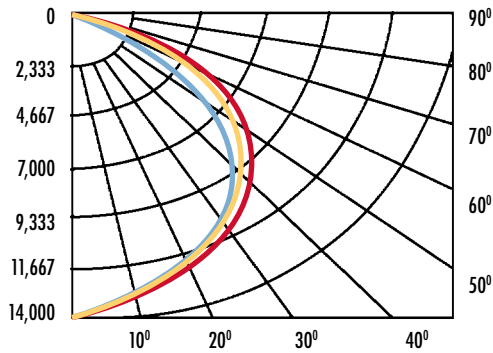
## LED I-Beam High Bay | T1-IHBLED4/B/321

### ZONAL LUMENS SUMMARY

Zone	Lumens	% Lamp	% Luminaire
0-30	10,504.8	25.9	25.9
0-40	17,209.3	42.5	42.5
0-60	30,466.5	75.2	75.2
60-90	8,495.9	21	21
70-100	3,801.4	9.4	9.4
90-120	686.9	1.7	1.7
0-90	38,962.4	96.2	96.2
90-180	1,559.2	3.9	3.8
0-180	40,522.3	100.1	100

### LUMENS PER ZONE

Zone	Lumens	%Total	Zone	Lumens	%Total
0-10	1,276.6	3.2	90-100	203.8	0.5
10-20	3,663.9	9.0	100-110	232.5	0.6
20-30	5,564.3	13.7	110-120	250.6	0.6
30-40	6,704.4	16.5	120-130	275.2	0.7
40-50	6,948.5	17.1	130-140	247.7	0.6
50-60	6,308.7	15.6	140-150	171.9	0.4
60-70	4,897.8	12.1	150-160	109.6	0.3
70-80	2,862.0	7.1	160-170	54.1	0.1
80-90	736.1	1.8	170-180	14.5	0



■ 0° H    
 ■ 90° H    
 ■ 45° H

### FLOOD SUMMARY

	Efficiency %	Lumens	Horiz. Spread	Vert. Spread
Field [10%]:	94.9	38,428.8	164.4	159
Beam [50%]:	70.1	28,374.2	111.8	113.8
<b>Total:</b>	<b>100</b>	<b>40,518.6</b>		

T1-IHBLED4/B/321



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