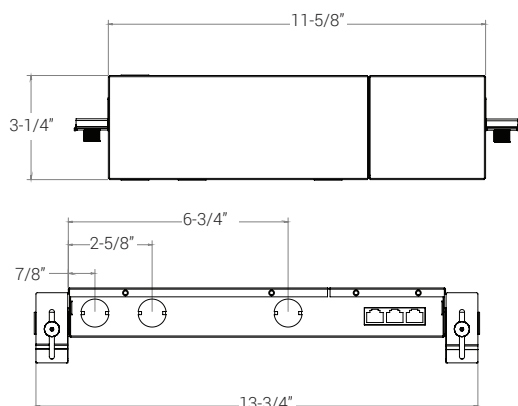


Driver: 2-LB-LED-DR-DIM10-30W
4-LB-LED-DR-DIM10-60W

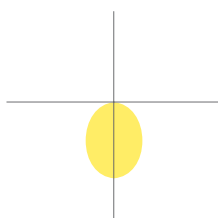


FEATURES

Bar One can replace 2' or 4' cross tees in a suspended grid ceiling for seamless lines of light. Use Bar One for all your configurations, including single runs, continuous runs, and shapes including L-shape, crosses, Tees, and rectangles. A forward-thinking design allows for a fast, tool-less installation. Available in three different configurations that accommodate 9/16" flat, 15/16" flat, and Slot T 9/16" grid ceilings. A wide distribution provides a flexible lighting solution for corporate offices, educational facilities, hospitality, healthcare, and retail.

LUMENS	2 feet (1100L, 1300L), 4 feet (2400L, 2600L)
CCT	30K, 35K, 40K, 50K
CRI	85+
COLOR QUALITY	3 Step MacAdam Ellipse
WIDTH	9/16" and 15/16"
LENGTHS	2' and 4'
CONFIGURATION PATTERNS	Single, Continuous, Crosses, Tees, Squares, Rectangles, L-Shape *See last page
MOUNTING	TB-SG - Slot Grid T-bar (9/16") TB-1516-FT - Flat Trim T-bar (15/16") TB-916-FT - Flat Trim T-bar (9/16")
FINISH	WH (White)
DISTRIBUTION	120°
DIMMING & CONTROL	0-10V Flicker Free 1% Dimming Standard (DIM10)
LIFETIME	L70 at 87000 Hours
PHOTOMETRIC TESTS	In Accordance with IES LM79-08, LM80 and TM-30, TM-21

Distribution Pattern:
Standard



SIZE	NOMINAL LUMENS	DELIVERED LUMENS	WATTAGE
4ft	2400	2733	20W
	2600	2773	20W
2ft	1100	1396	11W
	1300	1496	11W

Based on 4000K, 85+ CRI. Actual wattage may vary +/- 5%



CONSTRUCTION

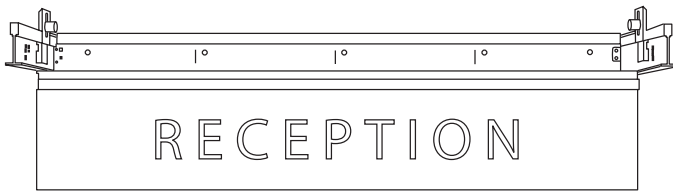
Anodized and painted aluminum body for UV- and corrosion-resistance. Stainless steel mounting clips (Quik-T fasteners) at each end of fixture. Shipped with pre-installed endcaps for seamless runs.

OPTICS

Standard frosted PC lens with a wide beam angle of 120° diffuses light for soft edges. Source is fully concealed for fully luminous corners and runs.

BAR ONE SIGN OPTION

Bar One Sign is completely customizable—add any text and select from a variety of color temperatures. Perfect for use in airports, schools, lobbies, and elevator corridors. Transparent when off for discreet ceilings when not on. Wide 110° beam angle. This option is only available for 9/16" flat grid ceilings. Please consult factory for details.



USE ONE LUMINAIRE FOR ALL YOUR CONFIGURATIONS

The Bar One is designed so that one fixture can be combined to form L-shape, Tees, Crosses, Squares, Rectangles, and continuous runs.

3-CHANNEL IC-RATED, AIRTIGHT DRIVER

Powered by a constant-current power IC-rated, airtight driver rated for 50 to 60 Hz at 120/277V input. Produces less than 20% THD and has a power factor of .90 to 1.00.

3 RJ45 terminals on each driver supports up to 3 luminaires, which can be connected end-to-end.

Each luminaire is supplied with an 8-ft. RJ45 plenum-rated cable (non-cuttable), with 24 AWG, and 3 different RJ45 terminal outputs, for easy installation and safe wiring.

2-ft. fixture and 4-ft fixture run on separate power supplies. Separate drivers must be ordered for the 2-ft. and 4-ft.

From side A, max distance driver for 2-ft. fixture can be mounted is 6 feet away. Max distance driver for 4-ft. can be mounted is 8 feet away.

ELECTRICAL

Luminaire is included with an 8 ft. RJ45 non-cuttable cable for field-installed connection to power supply. High lumen output LEDs consume 12W total (2 foot) or 23W total (4 foot). Power supply consumption not included.

DIMMING & DRIVER INFORMATION

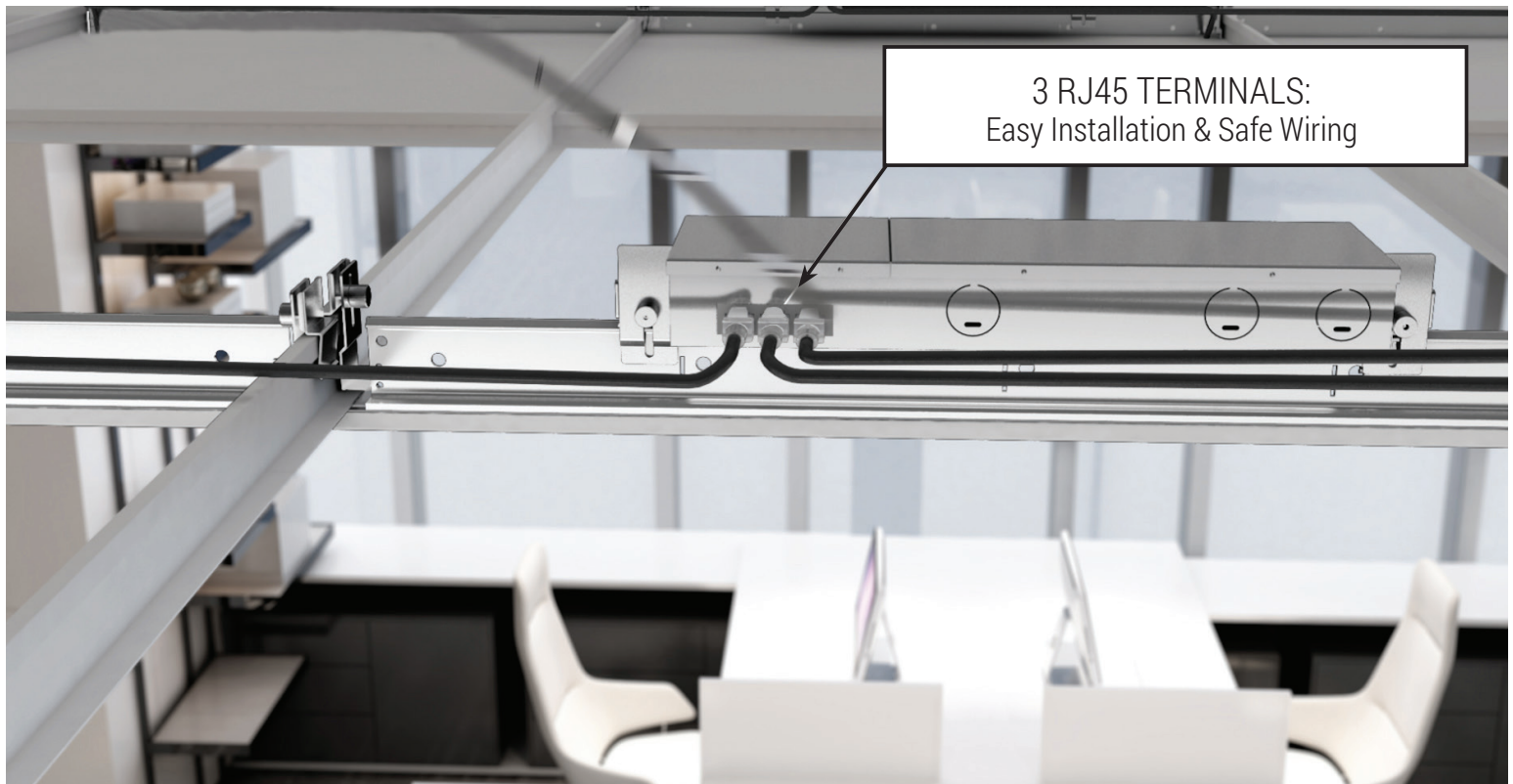
DIM10 - Flicker Free 1% Dimming Standard (DIM10) 0-10V dimming on either MVOLT 120, 277V.

WARRANTY

Five-year warranty for parts and components. (Labor not included)

LISTINGS

c-UL-us - Listed for Feed Through Wiring.
Listed for Damp Location (Indoor Only).



QUIK-T FASTENERS - FAST, TOOL-LESS INSTALLATION

Two mounting brackets are pre-installed at both ends of each fixture, which feature a knob that can be loosened and tightened to the main runners on the grid securely clamp the fixture to the grid. Quik-T fasteners are also provided with the driver for fast, tool-less installation.



DRIVER MOUNTING

The driver is shipped pre-installed with Quik-T fasteners on each end for fast, easy installation. Driver can be mounted horizontally on top of the grid. Each luminaire is shipped with an 8-ft. plenum-rated RJ45 cable.

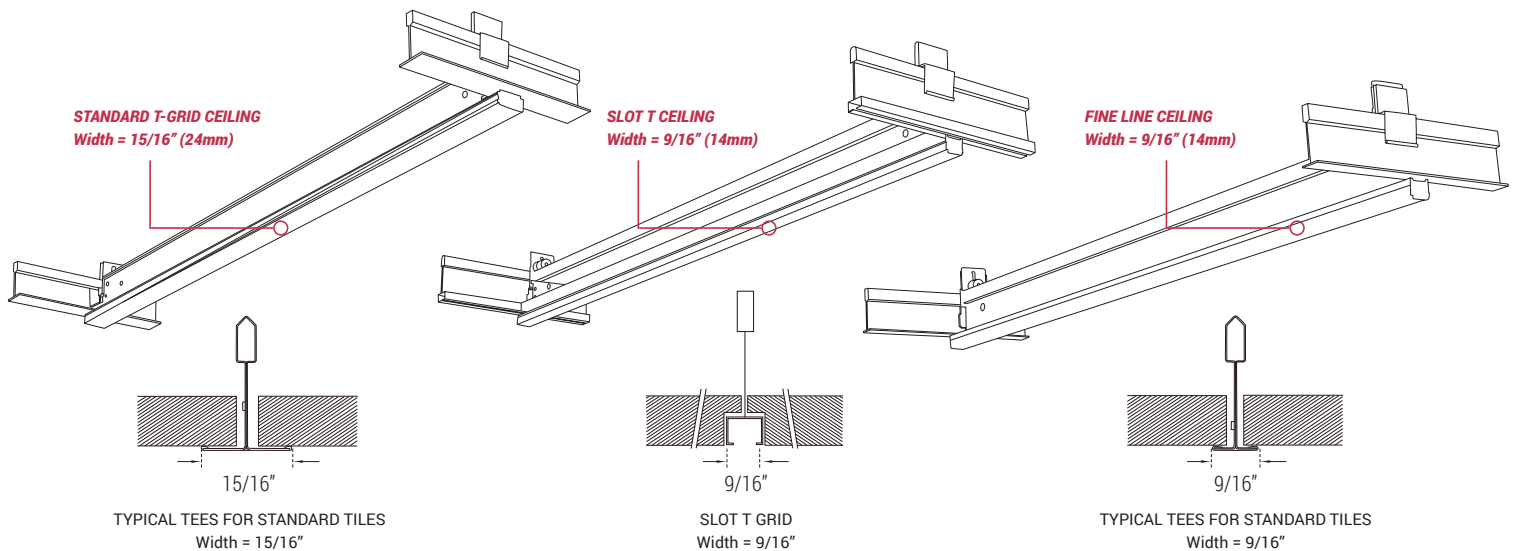
The driver features 3 knockouts and 3 RJ45 terminals on one side and 1 knockout on the back for easy connections. For the 2-ft. fixture, max. distance driver can be mounted is 6 feet away. For the 4-ft. fixture, max. distance driver can be mounted is 8 feet away.

MOUNTING

Remove the T-bar in the spot where you want to place your Bar One. Loosen your Quik-T fasteners. Clamp the Quik-T fasteners to the main runners. Bar One can be positioned anywhere on the grid where there are T-bars. You cannot replace the main runners.

Bar One Slot T is not compatible with creating custom patterns. Slot T can only be used for single row mounting. 2'x2' squares cannot be created on a grid ceiling because you cannot replace the main runners.

VARIOUS T-GRID CEILINGS



ORDERING GUIDE

Example: **2-LB-LED-1100L-DIM10-MVOLT-40K-85-TB-SG**

FIXTURE SIZE	SERIES	TYPE	LUMENS	DIMMING	VOLTAGE	CCT	CRI	MOUNTING
2 - 2' 4 - 4'	LB - LED Luminous Bar	LED	2' 1100L- 1100 lumens 1300L- 1300 lumens 4' 2400L- 2400 lumens 2600L- 2600 lumens	DIM10 - 0-10V Dimming	MVOLT	30K 35K 40K 50K	85	TB-SG - Slot Grid T-bar (9/16") FOR 1100L AND 2400L ONLY TB-916-FT - Flat Trim T-bar (9/16") FOR 1100L AND 2400L ONLY TB-1516-FT - Flat Trim T-bar (15/16") FOR 1300L AND 2600L ONLY

* 2-ft. and 4-ft drivers must be ordered separately. Each driver supports up to 3 fixtures.

2' LUMINAIRE DRIVER

Driver	Part Number
	2-LB-LED-DR-DIM10-30W

4' LUMINAIRE DRIVER

Driver	Part Number
	4-LB-LED-DR-DIM10-60W

2-LB-LED-1100L-DIM10-MVOLT-40K-85-TB-916-FT

INPUT WATTS: **11.3**

LUMENS: **1396**

CRI: **85**

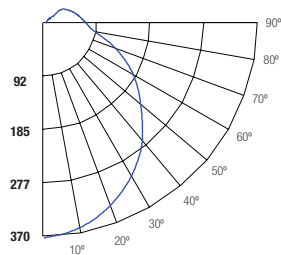
EFFICACY: **124**

CCT: **4000K**

TEST NO.: **EL06222053**

SPACING CRITERIA: **1.40**

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	134.56	9.6	9.6
0-30	286.17	20.5	20.5
0-40	470.28	33.7	33.7
0-60	850.75	61	61
0-80	1124.49	80.6	80.6
0-90	1196.51	85.7	85.7

Luminance (Average candela/M²)

Angle in Degrees	Average 0°	Average 45°	Average 90°
45	13818	13005	11501
55	14628	13235	10857
65	16253	14004	10055
75	20080	16178	8753
85	41610	30106	6667

Lumens Per Zone

Zone	Lumens
0-10	34.8
10-20	99.76
20-30	151.6
30-40	184.12
40-50	194.94
50-60	185.52
60-70	157.76
70-80	115.99
80-90	72.02

Candela Tabulation

Q	
0	368.119
5	367.59
15	359.63
25	340.51
35	308.81
45	272.58
55	234.07
65	191.62
75	144.98
85	101.17
90	87.67

Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 0.20

ROOM CAVITY RATIO	RC	80%				70%				50%				30%				10%				0%
	RW	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%
0		116	116	116	116	111	111	111	111	103	103	103	96	96	96	89	89	89	89	89	89	86
1		104	98	93	89	99	94	90	86	88	84	81	81	78	76	75	73	71	68	65	61	58
2		94	85	77	71	90	81	75	69	76	70	65	70	66	62	65	61	58	55	55	55	55
3		85	74	65	58	81	71	63	57	66	59	54	61	56	51	57	52	49	46	46	46	46
4		78	65	56	49	74	63	54	48	58	51	46	54	48	43	51	46	41	39	39	39	39
5		71	58	49	42	68	56	47	41	52	45	39	49	42	37	45	40	36	33	33	33	33
6		66	52	43	36	63	50	42	35	47	40	34	44	37	33	41	36	31	29	29	29	29
7		61	47	38	32	58	45	37	31	43	35	30	40	34	30	37	32	28	25	25	25	25
8		56	43	34	28	54	41	33	28	39	32	27	37	30	26	34	29	25	23	23	23	23
9		53	39	31	25	50	38	30	25	36	29	24	34	27	23	32	26	22	20	20	20	20
10		49	36	28	23	47	35	27	22	33	26	22	31	25	21	29	24	20	18	18	18	18

RC - Ceiling Cavity Reflectance

RW - Wall Reflectance

Cone of Light			
2	127	7.7	4.5
3	33.8	15.0	8.7
5	14.7	22.7	13.3
7	8.20	30.4	17.8
8	5.34	37.7	22.0
10	3.68	45.4	26.5
(FT.) Distance to Plane	(FC.) Initial Footcandle at Nadir	(FT.) Beam Vert. Spread	(FT.) Beam Horiz. Spread

BEAM DIA. MEASURED AT 50% OF NADIR F.C.

2-LB-LED-1100L-DIM10-MVOLT-40K-85-TB-SG

INPUT WATTS: **11.3**

LUMENS: **1406**

CRI: **85**

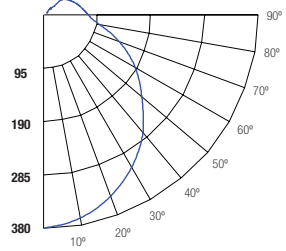
EFFICACY: **124**

CCT: **4000K**

TEST NO.: **EL06232064**

SPACING CRITERIA: **1.40**

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	138.01	9.8	9.8
0-30	292.75	20.8	20.8
0-40	479.91	34.1	34.1
0-60	863.4	61.4	61.4
0-80	1135.82	80.8	80.8
0-90	1208.2	85.9	85.9

Luminance (Average candela/M²)

Angle in Degrees	Average 0°	Average 45°	Average 90°
45	14917	13550	11447
55	15930	13819	10637
65	18063	14666	9619
75	23045	17166	7979
85	48787	32150	4919

Lumens Per Zone

Zone	Lumens
0-10	35.75
10-20	102.26
20-30	154.74
30-40	187.16
40-50	197.29
50-60	186.2
60-70	157.35
70-80	115.07
80-90	72.38

Candela Tabulation

0	0
0	377.958
5	380.43
15	376.41
25	359.66
35	330.1
45	294.26
55	254.9
65	212.96
75	166.39
85	118.62
90	98.4

Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 0.20

ROOM CAVITY RATIO	RC	80%				70%				50%				30%			10%			0%
	RW	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%	
	0	116	116	116	116	111	111	111	111	103	103	103	96	96	96	89	89	89	86	
	1	104	98	93	89	100	95	90	86	88	84	81	81	79	76	76	73	71	68	
	2	94	85	77	71	90	82	75	69	76	70	65	70	66	62	65	62	58	55	
	3	85	74	65	58	81	71	63	57	66	60	54	62	56	52	57	53	49	46	
	4	78	65	56	49	74	63	55	48	59	51	46	55	49	44	51	46	42	39	
	5	71	58	49	42	68	56	48	41	52	45	39	49	43	38	46	40	36	33	
	6	66	52	43	36	63	50	42	36	47	40	34	44	38	33	41	36	32	29	
	7	61	47	38	32	58	46	37	31	43	36	30	40	34	29	38	32	28	26	
8	57	43	34	28	54	42	34	28	39	32	27	37	30	26	35	29	25	23		
9	53	39	31	25	51	38	30	25	36	29	24	34	28	23	32	26	22	20		
10	49	36	28	23	47	35	28	23	33	26	22	31	25	21	30	24	20	18		

RC - Ceiling Cavity Reflectance RW - Wall Reflectance

RC - Ceiling Cavity Reflectance RW - Wall Reflectance

Cone of Light	(FC) Initial Footcandle at Nadir	(FT) Beam Vert. Spread	(FT) Beam Horiz. Spread
2	131	7.2	4.5
3	34.7	13.9	8.6
5	15.1	21.1	13.1
7	8.42	28.3	17.5
8	5.49	35.1	21.7
10	3.78	42.2	26.2

BEAM DIA. MEASURED AT 50% OF NADIR F.C.

2-LB-LED-1300L-DIM10-MVOLT-40K-85-TB-916-FT

INPUT WATTS: **11.2**

LUMENS: **1469**

CRI: **85**

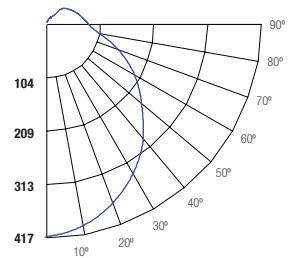
EFFICACY: **131**

CCT: **4000K**

TEST NO.: **EL06222053**

SPACING CRITERIA: **1.40**

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	152.23	10.4	10.4
0-30	322.97	22	22
0-40	528.72	36	36
0-60	945.47	64.4	64.4
0-80	1226.16	83.5	83.5
0-90	1290.14	87.8	87.8

Luminance (Average candela/M²)

Angle in Degrees	Average 0°	Average 45°	Average 90°
45	15372	14718	13200
55	15939	14863	12537
65	17247	15441	11680
75	20505	17171	10230
85	38546	28420	7749

Lumens Per Zone

Zone	Lumens
0-10	39.4
10-20	112.83
20-30	170.74
30-40	205.75
40-50	215.47
50-60	201.28
60-70	165.89
70-80	114.8
80-90	63.99

Candela Tabulation

0	0
0	416.401
5	416.59
15	408.52
25	385.44
35	347.34
45	303.23
55	255.04
65	203.34
75	148.05
85	93.72
90	73.79

Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 0.20

ROOM CAVITY RATIO	RC	80%				70%				50%				30%			10%			0%
	RW	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%	
	0	116	116	116	116	112	112	112	112	104	104	104	97	97	97	91	91	91	88	
	1	105	99	95	90	101	96	92	88	89	86	83	83	81	78	78	76	74	71	
	2	95	86	79	73	91	83	76	71	77	72	67	72	68	64	67	64	61	58	
	3	86	75	66	60	82	72	65	58	68	61	56	63	58	53	59	55	51	48	
	4	79	66	57	50	75	64	56	49	60	53	47	56	50	45	53	48	43	41	
	5	72	59	43	37	69	57	49	42	54	46	41	50	44	39	47	42	38	35	
	6	66	53	44	37	64	51	43	37	48	41	35	45	39	34	43	37	33	31	
	7	62	48	39	33	59	47	38	32	44	37	31	41	35	30	39	33	29	27	
8	57	44	35	29	55	42	34	29	40	33	28	38	32	27	36	30	26	24		
9	53	40	32	26	51	39	31	26	37	30	25	35	29	24	33	28	23	22		
10	50	37	29	24	48	36	28	23	34	27	23	32	26	22	31	25	21	19		

RC - Ceiling Cavity Reflectance RW - Wall Reflectance

RC - Ceiling Cavity Reflectance RW - Wall Reflectance

Cone of Light	(FC) Initial Footcandle at Nadir	(FT) Beam Vert. Spread	(FT) Beam Horiz. Spread
2	144	6.2	4.6
3	38.2	12.0	9.0
5	16.7	18.2	13.6
7	9.28	24.4	18.3
8	6.04	30.3	22.6
10	4.16	36.5	27.2

BEAM DIA. MEASURED AT 50% OF NADIR F.C.

4-LB-LED-2400L-DIM10-MVOLT-35K-85-TB-SG

INPUT WATTS: **19.7**

LUMENS: **1406**

CRI: **85**

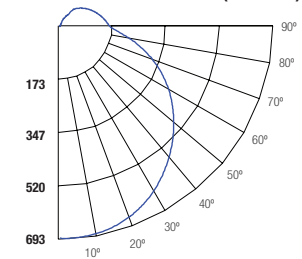
EFFICACY: **135**

CCT: **3500K**

TEST NO.: **EL06232063**

SPACING CRITERIA: **1.42**

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	253.02	9.5	9.5
0-30	538.38	20.2	20.2
0-40	886.06	33.2	33.2
0-60	1609.11	60.3	60.3
0-80	2130.82	79.9	79.9
0-90	2269.48	85.1	85.1

Luminance (Average candela/M²)

Angle in Degrees	Average 0°	Average 45°	Average 90°
45	13355	12807	11385
55	14258	13237	10894
65	16066	14237	10213
75	20332	16839	8984
85	42753	31696	6661

Lumens Per Zone

Zone	Lumens
0-10	65.42
10-20	187.6
20-30	285.36
30-40	347.69
40-50	369.95
50-60	353.1
60-70	300.78
70-80	220.93
80-90	138.66

Candela Tabulation

0	0
0	691.653
5	691.92
15	678
25	644.05
35	591.41
45	526.88
55	456.28
65	378.83
75	293.61
85	207.9
90	174.4

Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 0.20

ROOM CAVITY RATIO	RC	80%				70%				50%				30%			10%			0%		
	RW	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%
	0	115	98	115	115	111	111	111	111	103	103	103	95	95	95	88	88	88	88	85	85	85
	1	104	98	93	89	99	94	90	86	87	84	80	81	78	75	75	73	70	70	67	67	67
	2	93	84	77	71	89	81	74	69	75	70	65	70	65	61	65	61	58	58	55	55	55
	3	85	74	65	58	81	71	63	57	66	59	54	61	55	51	56	52	48	48	45	45	45
	4	77	65	56	49	74	62	54	48	58	51	45	54	48	43	50	45	41	38	38	38	38
	5	71	58	48	42	68	56	47	41	52	44	39	48	42	37	45	40	35	33	33	33	33
	6	65	52	43	36	62	50	41	35	47	39	34	44	37	32	41	35	31	28	28	28	28
	7	60	47	38	32	58	45	37	31	42	35	30	40	33	28	37	31	27	25	25	25	25
8	56	43	34	28	54	41	33	27	39	32	26	36	30	25	34	28	24	22	22	22	22	
9	52	39	31	25	50	38	30	25	35	29	24	33	27	23	31	26	22	20	20	20	20	
10	49	36	28	23	47	35	27	22	33	26	21	31	25	21	29	24	20	18	18	18	18	

4-LB-LED-2400L-DIM10-MVOLT-40K-85-TB-916-FT

TEST NO.: EL07071902

INPUT WATTS: 20

LUMENS: 2733

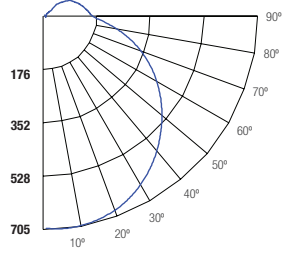
CRI: 85

EFFICACY: 137

CCT: 4000K

SPACING CRITERIA: 1.42

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	256.57	9.4	9.4
0-30	546	20	20
0-40	898.92	32.9	32.9
0-60	1634.84	59.8	59.8
0-80	2170.01	79.4	79.4
0-90	2317.14	84.8	84.8

Luminance (Average candela/M²)

Angle in Degrees	Average 0°	Average 45°	Average 90°
45	14151	13308	11500
55	15337	13855	10966
65	17623	15061	10232
75	22864	18089	8911
85	49221	34581	6381

Lumens Per Zone

Zone	Lumens
0-10	66.34
10-20	190.23
20-30	289.43
30-40	352.92
40-50	376.12
50-60	359.8
60-70	307.5
70-80	227.66
80-90	147.13

Candela Tabulation

Q	
0	701.018
5	704.53
15	694.94
25	666.92
35	618.92
45	558.31
55	490.81
65	415.55
75	330.17
85	239.35
90	198.84

Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 0.20

ROOM CAVITY RATIO	RC	80%				70%				50%				30%			10%			0%		
	RW	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%
	0	115	115	115	115	111	111	111	111	103	103	103	95	95	95	88	88	88	88	88	88	85
	1	103	98	93	88	99	94	90	86	87	83	80	80	78	75	74	72	70	70	70	70	67
	2	93	84	77	71	89	81	74	69	75	69	65	69	65	61	64	61	57	54	54	54	54
	3	85	73	65	58	81	71	63	56	65	59	53	61	55	51	56	52	48	45	45	45	45
	4	77	65	55	48	74	62	54	47	58	51	45	54	48	43	50	45	41	38	38	38	38
	5	71	57	48	41	68	55	47	40	52	44	39	48	42	37	45	39	35	32	32	32	32
	6	65	52	42	36	62	50	41	35	46	39	34	43	37	32	40	35	31	28	28	28	28
	7	60	47	38	31	58	45	37	31	42	35	30	39	33	28	37	31	27	25	25	25	25
8	56	42	34	28	54	41	33	27	38	31	26	36	30	25	34	28	24	22	22	22	22	
9	52	39	31	25	50	38	30	24	35	28	24	33	27	23	31	26	22	20	20	20	20	
10	49	36	28	22	47	35	27	22	33	26	21	31	25	20	29	24	20	18	18	18	18	

RC - Ceiling Cavity Reflectance

RW - Wall Reflectance

4-LB-LED-2600L-DIM10-MVOLT-35K-85-TB-916-FT

TEST NO.: EL06222055

INPUT WATTS: 20

LUMENS: 2773

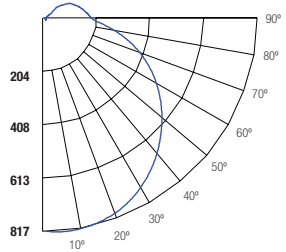
CRI: 85

EFFICACY: 139

CCT: 3500K

SPACING CRITERIA: 1.38

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	296.68	10.7	10.7
0-30	627.59	22.6	22.6
0-40	1023.93	36.9	36.9
0-60	1816.94	65.5	65.5
0-80	2341.09	84.4	84.4
0-90	2456.1	88.6	88.6

Luminance (Average candela/M²)

Angle in Degrees	Average 0°	Average 45°	Average 90°
45	14380	13898	12818
55	14767	13871	12091
65	15855	14265	11174
75	18620	15669	9693
85	34441	25479	7029

Lumens Per Zone

Zone	Lumens
0-10	76.93
10-20	219.74
20-30	330.92
30-40	396.34
40-50	411.75
50-60	381.26
60-70	311.49
70-80	212.66
80-90	115.01

Candela Tabulation

Q	
0	813.954
5	814.42
15	791.39
25	736.98
35	658.4
45	567.31
55	472.57
65	373.86
75	268.88
85	167.48
90	131.68

Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 0.20

ROOM CAVITY RATIO	RC	80%				70%				50%				30%				10%				0%
	RW	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%			
	0	116	116	116	116	112	112	112	112	105	105	105	98	98	98	92	92	92	92			
	1	105	100	95	91	101	96	92	88	90	86	83	84	81	79	79	76	74	72			
	2	95	86	79	73	91	83	77	71	78	73	68	73	69	65	68	65	62	59			
	3	86	75	67	60	83	73	65	59	68	62	56	64	59	54	60	56	52	49			
	4	79	67	58	51	76	65	56	50	61	53	48	57	51	46	53	48	44	42			
	5	72	59	50	44	70	58	49	43	54	47	41	51	45	40	48	43	38	36			
	6	67	53	44	38	64	52	43	37	49	41	36	46	40	35	43	38	34	31			
	7	62	48	39	33	59	47	39	33	44	37	32	42	36	31	40	34	30	28			
8	58	44	35	30	55	43	35	29	41	33	28	38	32	27	36	31	27	25				
9	54	40	32	27	52	39	32	26	37	30	25	35	29	25	34	28	24	22				
10	50	37	29	24	49	36	29	24	34	28	23	33	27	22	31	26	22	20				

RC - Ceiling Cavity Reflectance

RW - Wall Reflectance