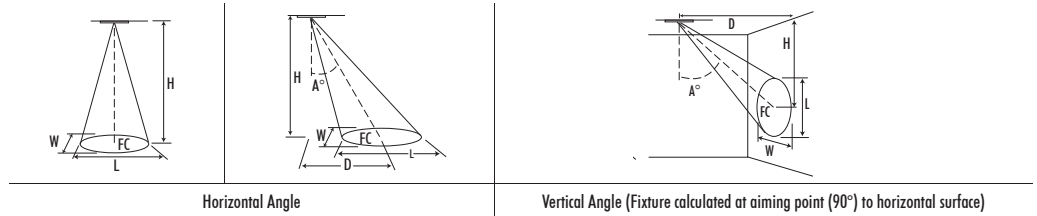


PHOTOMETRY

NOMINAL LUMEN PACKAGE:	1500lm	2000lm	2500lm	3000lm	3500lm	4500lm	5000lm
SYSTEM POWER:	9W	11W	19W	28W	39W	44W	60W

D = Distance from ceiling to ground/wall
H = Distance to FC center of beam
FC = Footcandles
W = Beam width
L = Beam length

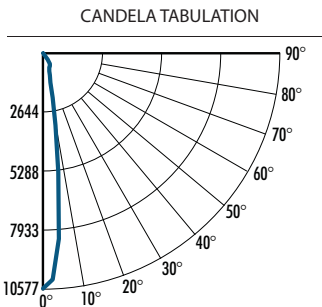


LHAJLD412C025UE-DUN-B15-T40/LRA471W (1500lm, 15°, 4000K)

System Power:	9.0W
Test Date:	6/5/2018
Beam Angle 50%:	15.5°
Field Angle 0%:	34.9°
Color Temp. (CCT):	4000K
CRI:	80
Lumens Delivered:	1797.9
CBCP:	10577
Power Factor:	> 0.9

No Angle Tilt (0°)					Angle A° = 20°					Angle A° = 20°					Angle A° = 35°				
H	FC	W	L		H	D	FC	W	L	D	H	FC	W	L	D	H	FC	W	L
6.0'	294	1.6'	1.6'		6.0'	2.2'	244	1.7'	1.9'	4.0'	11.0'	26	3.2'	10.8'	4.0'	5.7'	125	1.9'	3.4'
8.0'	165	2.2'	2.2'		8.0'	2.9'	137	2.3'	2.5'	6.0'	16.5'	12	4.8'	16.2'	6.0'	8.6'	55	2.8'	5.2'
10.0'	106	2.7'	2.7'		10.0'	3.6'	88	2.9'	3.1'	8.0'	22.0'	7	6.4'	21.6'	8.0'	11.4'	31	3.8'	6.9'
12.0'	73	3.3'	3.3'		12.0'	4.4'	61	3.5'	3.7'	10.0'	27.5'	4	8.0'	27.1'	10.0'	14.3'	20	4.7'	8.6'
14.0'	54	3.8'	3.8'		14.0'	5.1'	45	4.1'	4.3'	12.0'	33.0'	3	9.5'	32.5'	12.0'	17.1'	14	5.7'	10.3'

MULTIPLIERS	
Lumen	CCT
5000lm : 2.73	4000K : 1.00
4500lm : 2.40	3500K : 0.93
3500lm : 2.08	3000K : 0.93
3000lm : 1.92	2700K : 0.87
2500lm : 1.79	
2000lm : 1.35	
1500lm : 1.00	
CRI	
80 CRI : 1.00	
90 CRI : 0.80	



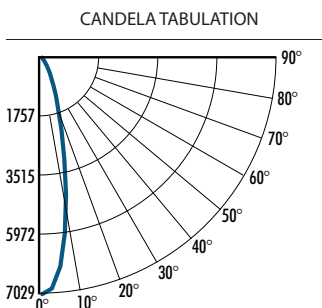
Trim (Lensed): 0.75

LHAJLD412C025UE-DUN-B25-T40/LRA471W (1500lm, 25°, 4000K)

System Power:	9.0W	(Tilted at 35°) 9.0W
Test Date:	6/5/2018	6/5/2018
Beam Angle 50%:	21.6°	22.3°
Field Angle 0%:	47.7°	49.0°
Color Temp. (CCT):	4000K	4000K
CRI:	80	80
Lumens Delivered:	1480.3	1552.2
CBCP:	7029	6316
Power Factor:	> 0.9	> 0.9

No Angle Tilt (0°)					Angle A° = 20°					Angle A° = 20°					Angle A° = 35°				
H	FC	W	L		H	D	FC	W	L	D	H	FC	W	L	D	H	FC	W	L
6.0'	195	2.3'	2.3'		6.0'	2.2'	162	2.4'	2.6'	4.0'	11.0'	18	4.5'	18.0'	4.0'	5.7'	83	2.7'	5.0'
8.0'	110	3.1'	3.1'		8.0'	2.9'	91	3.2'	3.5'	6.0'	16.5'	8	6.7'	27.0'	6.0'	8.6'	37	4.0'	7.5'
10.0'	70	3.8'	3.8'		10.0'	3.6'	58	4.1'	4.3'	8.0'	22.0'	4	8.9'	36.0'	8.0'	11.4'	21	5.3'	10.0'
12.0'	49	4.6'	4.6'		12.0'	4.4'	41	4.9'	3.7'	10.0'	27.5'	3	11.2'	45.0'	10.0'	14.3'	13	6.7'	12.5'
14.0'	36	5.3'	5.3'		14.0'	5.1'	30	5.7'	6.1'	12.0'	33.0'	2	13.4'	54.0'	12.0'	17.1'	9	8.0'	15.0'

MULTIPLIERS	
Lumen	CCT
5000lm : 3.60	4000K : 1.00
4500lm : 3.15	3500K : 0.93
3500lm : 2.31	3000K : 0.93
3000lm : 1.92	2700K : 0.87
2500lm : 1.79	
2000lm : 1.35	
1500lm : 1.00	
CRI	
80 CRI : 1.00	
90 CRI : 0.80	

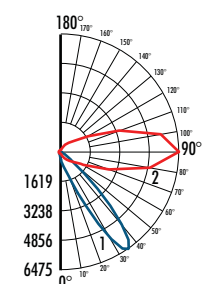


Trim (Lensed): 0.75

MULTIPLIER (Tilted at 35°)

Lumen	
5000lm : 3.44	
4500lm : 3.02	
3500lm : 2.11	
3000lm : 1.75	
2500lm : 1.72	
2000lm : 1.35	
1500lm : 1.00	

CANDELA TABULATION (Tilted at 35°)

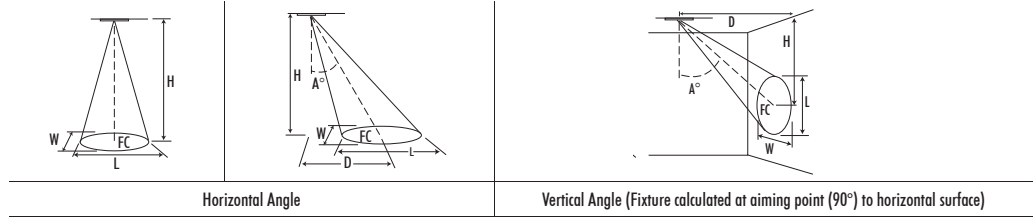


1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (35) (Through Max. Cd.)

PHOTOMETRY

NOMINAL LUMEN PACKAGE:	1500lm	2000lm	2500lm	3000lm	3500lm	4500lm	5000lm
SYSTEM POWER:	9W	11W	19W	28W	39W	44W	60W

D = Distance from ceiling to ground/wall
H = Distance to FC center of beam
FC = Footcandles
W = Beam width
L = Beam length



LHAJLD412C025UE-DUN-B45-T40/LRA471W (1500lm, 45°, 4000K)

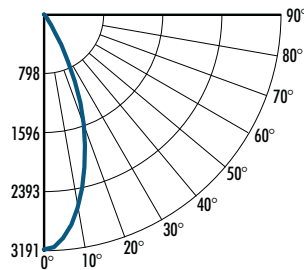
System Power:	9.0W	(Tilted at 32.5°)	9.0W
Test Date:	6/5/2018		6/5/2018
Beam Angle 50%:	36.4°		35.3°
Field Angle 0%:	64.5°		65.3°
Color Temp. (CCT):	4000K		4000K
CRI:	80		80
Lumens Delivered:	1479.3		1481
CBCP:	3191		2777
Power Factor:	> 0.9		> 0.9

No Angle Tilt (0°)				Angle A° = 20°				Angle A° = 20°				Angle A° = 35°						
H	FC	W	L	H	D	FC	W	L	D	H	FC	W	L	D	H	FC	W	L
6.0'	41	6.4'	6.4'	6.0'	2.2'	34	6.8'	7.5'	4.0'	11.0'	4	12.4'	-32.1'	4.0'	5.7'	17	7.4'	30.5'
8.0'	23	8.5'	8.5'	8.0'	2.9'	19	9.1'	10.0'	6.0'	16.5'	2	18.7'	-48.1'	6.0'	8.6'	8	11.1'	45.8'
10.0'	15	10.6'	10.6'	10.0'	3.6'	12	11.3'	12.5'	8.0'	22.0'	1	24.9'	-64.1'	8.0'	11.4'	4	14.8'	61.1'
12.0'	10	12.8'	12.8'	12.0'	4.4'	9	13.6'	15.0'	10.0'	27.5'	1	31.1'	-80.2'	10.0'	14.3'	3	18.5'	76.3'
14.0'	8	14.9'	14.9'	14.0'	5.1'	6	15.8'	17.5'	12.0'	33.0'	0	37.3'	-96.2'	12.0'	17.1'	2	22.2'	91.6'

MULTIPLIERS	
Lumen	CCT
5000lm : 3.60	4000K : 1.00
4500lm : 3.16	3500K : 0.93
3500lm : 2.07	3000K : 0.93
3000lm : 1.72	2700K : 0.87
2500lm : 1.79	
2000lm : 1.34	CRI
1500lm : 1.00	80 CRI : 1.00
	90 CRI : 0.80

Trim (Lensed): 0.75

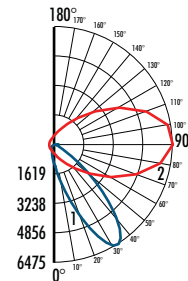
CANDELA TABULATION



MULTIPLIER (Tilted at 32.5°)

Lumen
5000lm : 3.61
4500lm : 3.15
3500lm : 1.97
3000lm : 1.64
2500lm : 1.80
2000lm : 1.34
1500lm : 1.00

CANDELA TABULATION (Tilted at 32.5°)



1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (35) (Through Max. Cd.)

LHAJLD412C025UE-DUN-B60-T40/LRA471W (1500lm, 60°, 4000K)

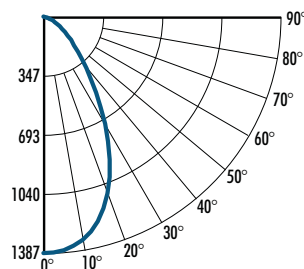
System Power:	9.0W
Test Date:	6/18/2018
Beam Angle 50%:	61.7°
Field Angle 0%:	114.3°
Color Temp. (CCT):	4000K
CRI:	80
Lumens Delivered:	1718.9
CBCP:	1387
Power Factor:	> 0.9

No Angle Tilt (0°)				Angle A° = 20°				Angle A° = 20°				Angle A° = 35°						
H	FC	W	L	H	D	FC	W	L	D	H	FC	W	L	D	H	FC	W	L
6.0'	39	7.2'	7.2'	6.0'	2.2'	32	7.6'	8.5'	4.0'	11.0'	3	14.0'	4.0'	5.7'	16	8.3'	53.3'	
8.0'	22	9.6'	9.6'	8.0'	2.9'	18	10.2'	11.4'	6.0'	16.5'	2	21.0'	6.0'	8.6'	7	12.5'	80.0'	
10.0'	14	11.9'	11.9'	10.0'	3.6'	12	12.7'	14.2'	8.0'	22.0'	1	27.9'	8.0'	11.4'	4	16.7'	106.7'	
12.0'	10	14.3'	14.3'	12.0'	4.4'	8	15.3'	17.0'	10.0'	27.5'	1	34.9'	10.0'	14.3'	3	20.8'	133.3'	
14.0'	7	16.7'	16.7'	14.0'	5.1'	6	17.8'	19.9'	12.0'	33.0'	0	41.9'	12.0'	17.1'	2	25.0'	160.0'	

MULTIPLIERS	
Lumen	CCT
5000lm : 3.58	4000K : 1.00
4500lm : 3.12	3500K : 0.93
3500lm : 1.85	3000K : 0.93
3000lm : 1.54	2700K : 0.87
2500lm : 1.46	
2000lm : 1.34	CRI
1500lm : 1.00	80 CRI : 1.00
	90 CRI : 0.80

Trim (Lensed): 0.75

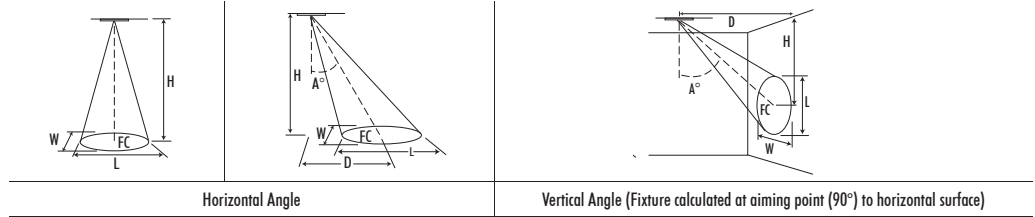
CANDELA TABULATION



PHOTOMETRY

NOMINAL LUMEN PACKAGE:	1500lm	2000lm	2500lm	3000lm	3500lm	4500lm	5000lm
SYSTEM POWER:	9W	11W	19W	28W	39W	44W	60W

D = Distance from ceiling to ground/wall
 H = Distance to FC center of beam
 FC = Footcandles
 W = Beam width
 L = Beam length

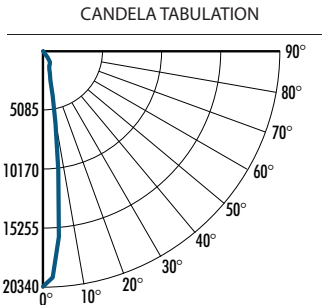


LHAJLD425C070UE-DUN-B15-T40/LRA471W (3000lm, 15°, 4000K)

System Power:	28.1W
Test Date:	6/5/2018
Beam Angle 50%:	15.5°
Field Angle 0%:	34.9°
Color Temp. (CCT):	4000K
CRI:	80
Lumens Delivered:	3457.4
CBCP:	20340
Power Factor:	> 0.9

No Angle Tilt (0°)					Angle A° = 20°					Angle A° = 20°					Angle A° = 35°				
H	FC	W	L		H	D	FC	W	L	D	H	FC	W	L	D	H	FC	W	L
6.0'	565	1.6'	1.6'		6.0'	2.2'	469	1.7'	1.9'	4.0'	11.0'	51	3.2'	10.8'	4.0'	5.7'	240	1.9'	3.4'
8.0'	318	2.2'	2.2'		8.0'	2.9'	264	2.3'	2.5'	6.0'	16.5'	23	4.8'	16.2'	6.0'	8.6'	107	2.8'	5.2'
14.0'	104	3.8'	3.8'		14.0'	5.1'	86	4.1'	4.3'	8.0'	22.0'	13	6.4'	21.6'	8.0'	11.4'	60	3.8'	6.9'
16.0'	79	4.4'	4.4'		16.0'	5.8'	66	4.6'	4.9'	10.0'	27.5'	8	8.0'	27.1'	10.0'	14.3'	38	4.7'	8.6'
20.0'	51	5.4'	5.4'		20.0'	7.3'	42	5.8'	6.2'	12.0'	33.0'	6	9.5'	32.5'	12.0'	17.1'	27	5.7'	10.3'

MULTIPLIERS	
Lumen	CCT
5000lm : 1.42	4000K : 1.00
4500lm : 1.25	3500K : 0.93
3500lm : 1.08	3000K : 0.93
3000lm : 1.00	2700K : 0.87
2500lm : 0.93	
2000lm : 0.70	CRI
1500lm : 0.52	80 CRI : 1.00
	90 CRI : 0.80



Trim (Lensed): 0.75

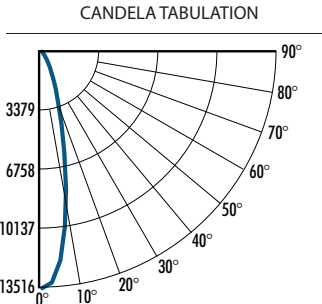
LHAJLD425C070UE-DUN-B25-T40/LRA471W (3000lm, 25°, 4000K)

System Power:	28.1W	28.1W
Test Date:	5/14/2018	5/14/2018
Beam Angle 50%:	21.6°	22.3°
Field Angle 0%:	47.7°	49.0°
Color Temp. (CCT):	4000K	4000K
CRI:	80	80
Lumens Delivered:	2846.6	2722
CBCP:	13516	11077
Power Factor:	> 0.9	> 0.9

(Tilted at 35°)

No Angle Tilt (0°)					Angle A° = 20°					Angle A° = 20°					Angle A° = 35°				
H	FC	W	L		H	D	FC	W	L	D	H	FC	W	L	D	H	FC	W	L
6.0'	375	2.3'	2.3'		6.0'	2.2'	312	2.4'	2.6'	4.0'	11.0'	34	4.5'	18.0'	4.0'	5.7'	159	2.7'	5.0'
8.0'	211	3.1'	3.1'		8.0'	2.9'	175	3.2'	3.5'	6.0'	16.5'	15	6.7'	27.0'	6.0'	8.6'	71	4.0'	7.5'
14.0'	69	5.3'	5.3'		14.0'	5.1'	57	5.7'	6.1'	8.0'	22.0'	8	8.9'	36.0'	8.0'	11.4'	40	5.3'	10.0'
16.0'	53	6.1'	6.1'		16.0'	5.8'	44	6.5'	6.9'	10.0'	27.5'	5	11.2'	45.0'	10.0'	14.3'	26	6.7'	12.5'
18.0'	42	6.9'	6.9'		18.0'	6.6'	35	7.3'	7.8'	12.0'	33.0'	4	13.4'	54.0'	12.0'	17.1'	18	8.0'	15.0'

MULTIPLIERS	
Lumen	CCT
5000lm : 1.87	4000K : 1.00
4500lm : 1.64	3500K : 0.93
3500lm : 1.20	3000K : 0.93
3000lm : 1.00	2700K : 0.87
2500lm : 0.93	
2000lm : 0.70	CRI
1500lm : 0.52	80 CRI : 1.00
	90 CRI : 0.80

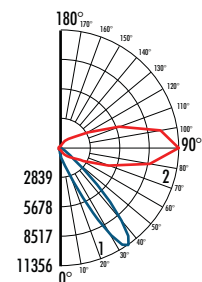


Trim (Lensed): 0.75

MULTIPLIER (Tilted at 35°)

Lumen	
5000lm : 1.96	
4500lm : 1.72	
3500lm : 1.20	
3000lm : 1.00	
2500lm : 0.98	
2000lm : 0.77	
1500lm : 0.57	

CANDELA TABULATION (Tilted at 35°)

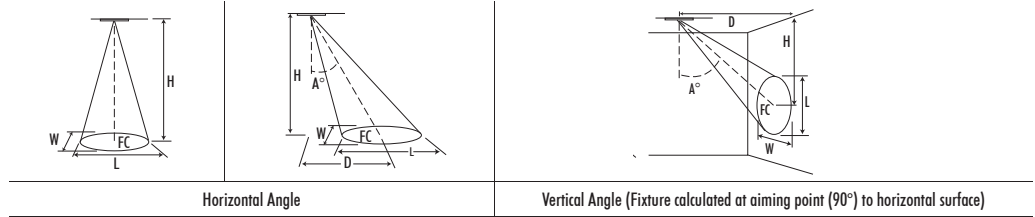


1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)
 # 2 - Horizontal Cone Through Vertical Angle (35) (Through Max. Cd.)

PHOTOMETRY

NOMINAL LUMEN PACKAGE:	1500lm	2000lm	2500lm	3000lm	3500lm	4500lm	5000lm
SYSTEM POWER:	9W	11W	19W	28W	39W	44W	60W

D = Distance from ceiling to ground/wall
H = Distance to FC center of beam
FC = Footcandles
W = Beam width
L = Beam length



LHAJLD425C070UE-DUN-B45-T40/LRA471W (3000lm, 45°, 4000K)

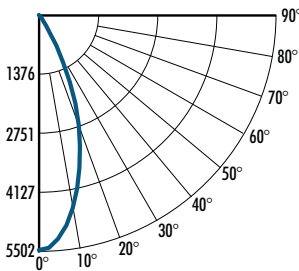
System Power:	28.1W	(Tilted at 32.5°)
Test Date:	5/14/2018	28.1W
Beam Angle 50%:	36.4°	5/14/2018
Field Angle 0%:	64.5°	35.3°
Color Temp. (CCT):	4000K	4000K
CRI:	80	80
Lumens Delivered:	2550.4	2427.9
CBCP:	5502	4553
Power Factor:	> 0.9	> 0.9

No Angle Tilt (0°)				Angle A° = 20°				Angle A° = 20°				Angle A° = 35°						
H	FC	W	L	H	D	FC	W	L	D	H	FC	W	L	D	H	FC	W	L
6.0'	71	3.7'	3.7'	6.0'	2.2'	59	3.9'	4.2'	4.0'	11.0'	6	7.2'	71.0'	4.0'	5.7'	30	4.3'	9.2'
8.0'	40	4.9'	4.9'	8.0'	2.9'	33	5.2'	5.6'	6.0'	16.5'	3	10.7'	106.5'	6.0'	8.6'	13	6.4'	13.8'
10.0'	26	6.1'	6.1'	10.0'	3.6'	21	6.5'	7.0'	8.0'	22.0'	2	14.3'	142.0'	8.0'	11.4'	8	8.5'	18.4'
12.0'	18	7.3'	7.3'	12.0'	4.4'	15	7.8'	8.4'	10.0'	27.5'	1	17.9'	177.5'	10.0'	14.3'	5	10.7'	23.0'
14.0'	13	8.6'	8.6'	14.0'	5.1'	11	9.1'	9.8'	12.0'	33.0'	1	21.5'	213.0'	12.0'	17.1'	3	12.8'	27.6'

MULTIPLIERS	
Lumen	CCT
5000lm : 3.60	4000K : 1.00
4500lm : 3.16	3500K : 0.93
3500lm : 2.07	3000K : 0.93
3000lm : 1.72	2700K : 0.87
2500lm : 1.79	
2000lm : 1.34	CRI
1500lm : 1.00	80 CRI : 1.00
	90 CRI : 0.80

Trim (Lensed): 0.75

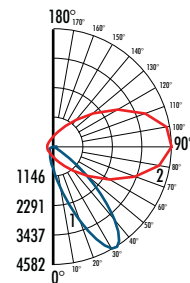
CANDELA TABULATION



MULTIPLIER (Tilted at 32.5°)

Lumen
5000lm : 2.09
4500lm : 1.83
3500lm : 1.20
3000lm : 1.00
2500lm : 1.04
2000lm : 0.78
1500lm : 0.58

CANDELA TABULATION (Tilted at 32.5°)



1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (35) (Through Max. Cd.)

LHAJLD425C070UE-DUN-B60-T40/LRA471W (3000lm, 60°, 4000K)

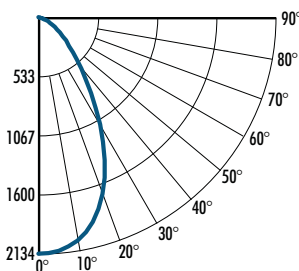
System Power:	28.1W
Test Date:	6/18/2018
Beam Angle 50%:	61.7°
Field Angle 0%:	114.2°
Color Temp. (CCT):	4000K
CRI:	80
Lumens Delivered:	2644.4
CBCP:	2134
Power Factor:	> 0.9

No Angle Tilt (0°)				Angle A° = 20°				Angle A° = 20°				Angle A° = 35°						
H	FC	W	L	H	D	FC	W	L	D	H	FC	W	L	D	H	FC	W	L
6.0'	59	7.2'	7.2'	6.0'	2.2'	49	7.6'	8.5'	4.0'	11.0'	5	14.0'	4.0'	5.7'	25	8.3'	53.3'	
8.0'	33	9.6'	9.6'	8.0'	2.9'	28	10.2'	11.4'	6.0'	16.5'	2	21.0'	6.0'	8.6'	11	12.5'	80.0'	
10.0'	21	11.9'	11.9'	10.0'	3.6'	18	12.7'	14.2'	8.0'	22.0'	1	27.9'	8.0'	11.4'	6	16.7'	106.7'	
12.0'	15	14.3'	14.3'	12.0'	4.4'	12	15.3'	17.0'	10.0'	27.5'	1	34.9'	10.0'	14.3'	4	20.8'	133.3'	
14.0'	11	16.7'	16.7'	14.0'	5.1'	9	17.8'	19.9'	12.0'	33.0'	1	41.9'	12.0'	17.1'	3	25.0'	160.0'	

MULTIPLIERS	
Lumen	CCT
5000lm : 2.33	4000K : 1.00
4500lm : 2.03	3500K : 0.93
3500lm : 1.20	3000K : 0.93
3000lm : 1.00	2700K : 0.87
2500lm : 0.95	
2000lm : 0.87	CRI
1500lm : 0.65	80 CRI : 1.00
	90 CRI : 0.80

Trim (Lensed): 0.75

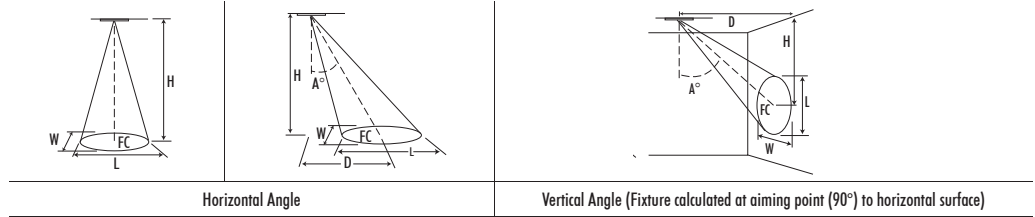
CANDELA TABULATION



PHOTOMETRY

NOMINAL LUMEN PACKAGE:	1500lm	2000lm	2500lm	3000lm	3500lm	4500lm	5000lm
SYSTEM POWER:	9W	11W	19W	28W	39W	44W	60W

D = Distance from ceiling to ground/wall
H = Distance to FC center of beam
FC = Footcandles
W = Beam width
L = Beam length



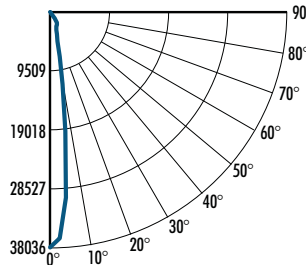
LHAJLD450C140UE-DUN-B15-T40/LRA471W (5000lm, 15°, 4000K)

System Power:	60.0W
Test Date:	5/14/2018
Beam Angle 50%:	15.5°
Field Angle 0%:	34.9°
Color Temp. (CCT):	4000K
CRI:	80
Lumens Delivered:	6465.5
CBCP:	38036
Power Factor:	> 0.9

No Angle Tilt (0°)					Angle A° = 20°					Angle A° = 20°					Angle A° = 35°				
H	FC	W	L		H	D	FC	W	L	D	H	FC	W	L	D	H	FC	W	L
8.0'	594	2.2'	2.2'		8.0'	2.9'	493	2.3'	2.5'	4.0'	11.0'	95	3.2'	10.8'	4.0'	5.7'	449	1.9'	3.4'
10.0'	380	2.7'	2.7'		10.0'	3.6'	316	2.9'	3.1'	6.0'	16.5'	42	4.8'	16.2'	6.0'	8.6'	199	2.8'	5.2'
20.0'	95	5.4'	5.4'		20.0'	7.3'	79	5.8'	6.2'	8.0'	22.0'	24	6.4'	21.6'	8.0'	11.4'	112	3.8'	6.9'
25.0'	61	6.8'	6.8'		25.0'	9.1'	50	7.2'	7.7'	10.0'	27.5'	15	8.0'	27.1'	10.0'	14.3'	72	4.7'	8.6'
30.0'	42	8.2'	8.2'		30.0'	10.9'	35	8.7'	9.3'	12.0'	33.0'	11	9.5'	32.5'	12.0'	17.1'	50	5.7'	10.3'

MULTIPLIERS	
Lumen	CCT
5000lm : 1.00	4000K : 1.00
4500lm : 0.88	3500K : 0.93
3500lm : 0.76	3000K : 0.93
3000lm : 0.70	2700K : 0.87
2500lm : 0.65	
2000lm : 0.49	CRI
1500lm : 0.37	80 CRI : 1.00
	90 CRI : 0.80

CANDELA TABULATION



Trim (Lensed): 0.75

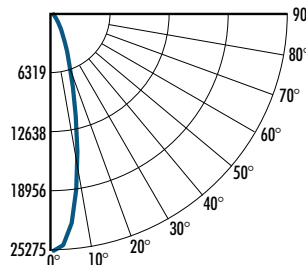
LHAJLD450C140UE-DUN-B25-T40/LRA471W (5000lm, 25°, 4000K)

System Power:	60.0W	(Tilted at 35°)	60.0W
Test Date:	5/14/2018		5/14/2018
Beam Angle 50%:	21.6°		22.3°
Field Angle 0%:	47.7°		49.0°
Color Temp. (CCT):	4000K		4000K
CRI:	80		80
Lumens Delivered:	5323.4		5337
CBCP:	25275		21718
Power Factor:	> 0.9		> 0.9

No Angle Tilt (0°)					Angle A° = 20°					Angle A° = 20°					Angle A° = 35°				
H	FC	W	L		H	D	FC	W	L	D	H	FC	W	L	D	H	FC	W	L
8.0'	395	3.1'	3.1'		8.0'	2.9'	328	3.2'	3.5'	4.0'	11.0'	63	4.5'	18.0'	4.0'	5.7'	298	2.7'	5.0'
10.0'	253	3.8'	3.8'		10.0'	3.6'	210	4.1'	4.3'	6.0'	16.5'	28	6.7'	27.0'	6.0'	8.6'	132	4.0'	7.5'
20.0'	63	7.6'	7.6'		20.0'	7.3'	52	8.1'	8.7'	8.0'	22.0'	16	8.9'	36.0'	8.0'	11.4'	75	5.3'	10.0'
25.0'	40	9.5'	9.5'		25.0'	9.1'	34	10.2'	10.9'	10.0'	27.5'	10	11.2'	45.0'	10.0'	14.3'	48	6.7'	12.5'
30.0'	28	11.4'	11.4'		30.0'	10.9'	23	12.2'	13.0'	12.0'	33.0'	7	13.4'	54.0'	12.0'	17.1'	33	8.0'	15.0'

MULTIPLIERS	
Lumen	CCT
5000lm : 1.00	4000K : 1.00
4500lm : 0.88	3500K : 0.93
3500lm : 0.64	3000K : 0.93
3000lm : 0.53	2700K : 0.87
2500lm : 0.50	
2000lm : 0.37	CRI
1500lm : 0.28	80 CRI : 1.00
	90 CRI : 0.80

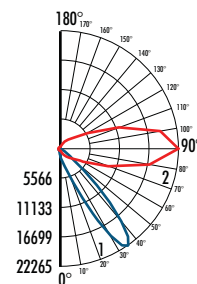
CANDELA TABULATION



MULTIPLIER (Tilted at 35°)

Lumen	
5000lm : 1.00	
4500lm : 0.88	
3500lm : 0.61	
3000lm : 0.51	
2500lm : 0.50	
2000lm : 0.39	
1500lm : 0.29	

CANDELA TABULATION (Tilted at 35°)



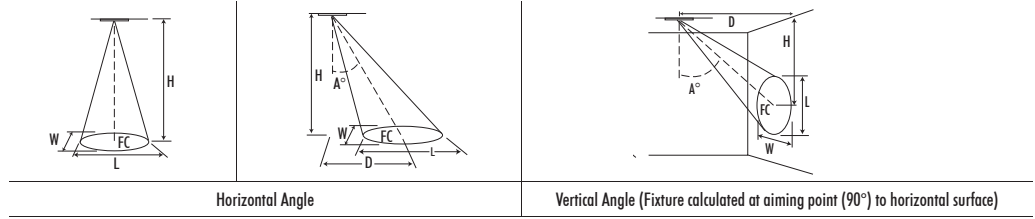
Trim (Lensed): 0.75

1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (35) (Through Max. Cd.)

PHOTOMETRY

NOMINAL LUMEN PACKAGE:	1500lm	2000lm	2500lm	3000lm	3500lm	4500lm	5000lm
SYSTEM POWER:	9W	11W	19W	28W	39W	44W	60W

D = Distance from ceiling to ground/wall
H = Distance to FC center of beam
FC = Footcandles
W = Beam width
L = Beam length



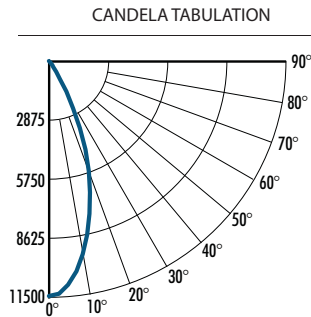
LHAJLD450C140UE-DUN-B45-T40LRA471W (5000lm, 45°, 4000K)

System Power:	60.0W	(Tilted at 35°)	60.0W
Test Date:	5/14/2018		5/14/2018
Beam Angle 50%:	36.4°		35.3°
Field Angle 0%:	64.5°		65.5°
Color Temp. (CCT):	4000K		4000K
CRI:	80		80
Lumens Delivered:	5330.5		5341
CBCP:	11500		10016
Power Factor:	> 0.9		> 0.9

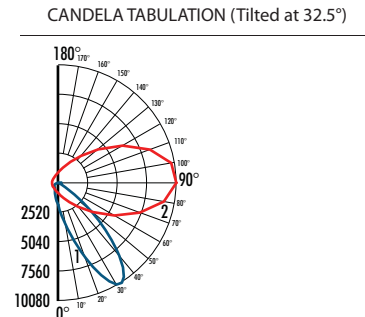
No Angle Tilt (0°)				Angle A° = 20°				Angle A° = 20°				Angle A° = 35°					
H	FC	W	L	H	D	FC	W	L	D	H	FC	W	D	H	FC	W	L
6.0'	148	8.2'	8.2'	6.0'	2.2'	123	8.8'	10.0'	4.0'	11.0'	13	16.1'	4.0'	5.7'	63	9.6'	456.9'
8.0'	83	11.0'	11.0'	8.0'	2.9'	69	11.7'	13.3'	6.0'	16.5'	6	24.1'	6.0'	8.6'	28	14.4'	685.3'
10.0'	53	13.7'	13.7'	10.0'	3.6'	44	14.6'	16.6'	8.0'	22.0'	3	32.2'	8.0'	11.4'	16	19.2'	913.7'
12.0'	37	16.5'	16.5'	12.0'	4.4'	31	17.6'	19.9'	10.0'	27.5'	2	40.2'	10.0'	14.3'	10	24.0'	1142.1'
14.0'	27	19.2'	19.2'	14.0'	5.1'	23	20.5'	23.2'	12.0'	33.0'	1	48.2'	12.0'	17.1'	7	28.8'	1370.6'

MULTIPLIERS	
Lumen	CCT
5000lm : 1.00	4000K : 1.00
4500lm : 0.88	3500K : 0.93
3500lm : 0.57	3000K : 0.93
3000lm : 0.48	2700K : 0.87
2500lm : 0.50	
2000lm : 0.37	CRI
1500lm : 0.28	80 CRI : 1.00
	90 CRI : 0.80

Trim (Lensed): 0.75



MULTIPLIER (Tilted at 35°)	
Lumen	Multiplier
5000lm	: 1.00
4500lm	: 0.87
3500lm	: 0.55
3000lm	: 0.45
2500lm	: 0.50
2000lm	: 0.37
1500lm	: 0.28



1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (35) (Through Max. Cd.)

LHAJLD450C140UE-DUN-B60-T40/LRA471W (5000lm, 60°, 4000K)

System Power:	60.0W
Test Date:	6/18/2018
Beam Angle 50%:	61.7°
Field Angle 0%:	114.3°
Color Temp. (CCT):	4000K
CRI:	80
Lumens Delivered:	6161.6
CBCP:	4971
Power Factor:	> 0.9

No Angle Tilt (0°)				Angle A° = 20°				Angle A° = 20°				Angle A° = 35°					
H	FC	W	L	H	D	FC	W	L	D	H	FC	W	D	H	FC	W	L
6.0'	138	7.2'	7.2'	6.0'	2.2'	115	7.6'	8.5'	4.0'	11.0'	12	14.0'	4.0'	5.7'	59	8.3'	53.3'
8.0'	78	9.6'	9.6'	8.0'	2.9'	64	10.2'	11.4'	6.0'	16.5'	6	21.0'	6.0'	8.6'	26	12.5'	80.0'
14.0'	25	16.7'	16.7'	14.0'	5.1'	21	17.8'	19.9'	8.0'	22.0'	3	27.9'	8.0'	11.4'	15	16.7'	106.7'
16.0'	19	19.1'	19.1'	16.0'	5.8'	16	20.3'	22.7'	10.0'	27.5'	2	34.9'	10.0'	14.3'	9	20.8'	133.3'
18.0'	15	21.5'	21.5'	18.0'	6.6'	13	22.9'	25.6'	12.0'	33.0'	1	41.9'	12.0'	17.1'	7	25.0'	160.0'

MULTIPLIERS	
Lumen	CCT
5000lm : 1.00	4000K : 1.00
4500lm : 0.87	3500K : 0.93
3500lm : 0.52	3000K : 0.93
3000lm : 0.43	2700K : 0.87
2500lm : 0.41	
2000lm : 0.37	CRI
1500lm : 0.28	80 CRI : 1.00
	90 CRI : 0.80

Trim (Lensed): 0.75

