

DL360 - PHOTOMETRY

6" ROUND CEILING DOWNLIGHT

LUMEN PACKAGE :

1000lm

SYSTEM POWER :

15W

1500lm

22W

2200lm

22W

2600lm

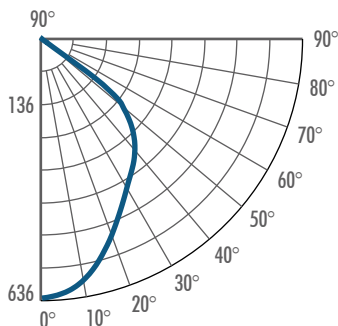
30W

DL360UE-DUN - 1000lm - Wide Flood - 4000K

CANDELA TABULATION

FOOTCANDLE DISTRIBUTION

System Power	: 15.1W	Multipliers	
Test Date	: 9/2016	5600K	1.43
Beam Angle 50%	: 92.6°	5000K	1.28
Field Angle 10%	: 111.1°	3500K	0.90
Color Temperature	: 3903K	3000K	0.77
CRI	: 84.0	2700K	0.69
R9 Value	: 21.0	2500K	0.64
Lumens Delivered	: 1113lm	1700K	0.44
CBCP	: 636cd	Lumen Multipliers	
Power Factor	: 0.99	1500lm	1.35
		2200lm	1.98
		2600lm	2.34
		CRI	
		80CRI (Blank)	: 0.95
		90CRI (-C90)	: 1.07
		97CRI (-C97)	: 1.15

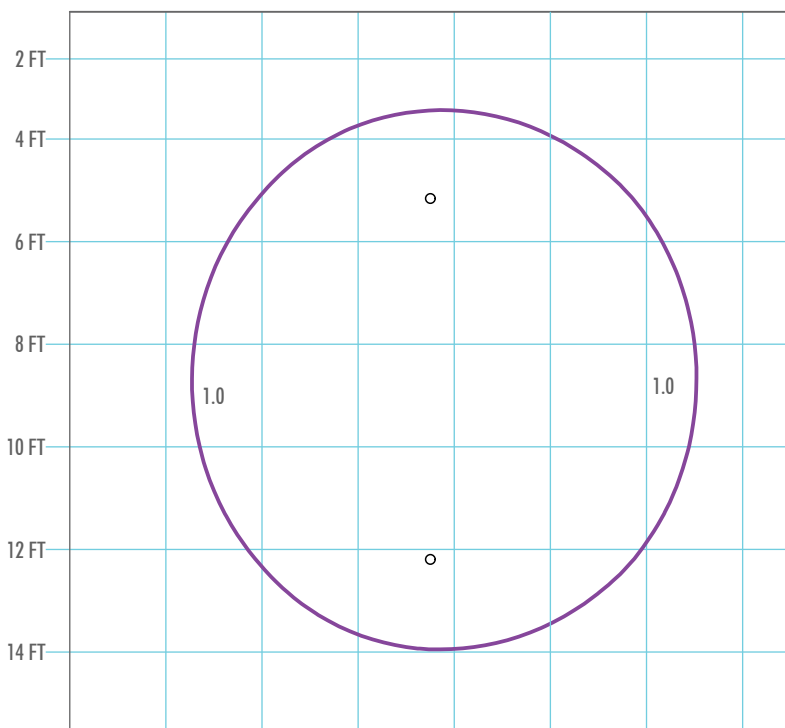


Height	Beam Diameter	FC
6.0'	12.6'	17.7
8.0'	16.7'	9.9
10.0'	20.9'	6.4
12.0'	25.1'	4.4
14.0'	29.3'	3.2

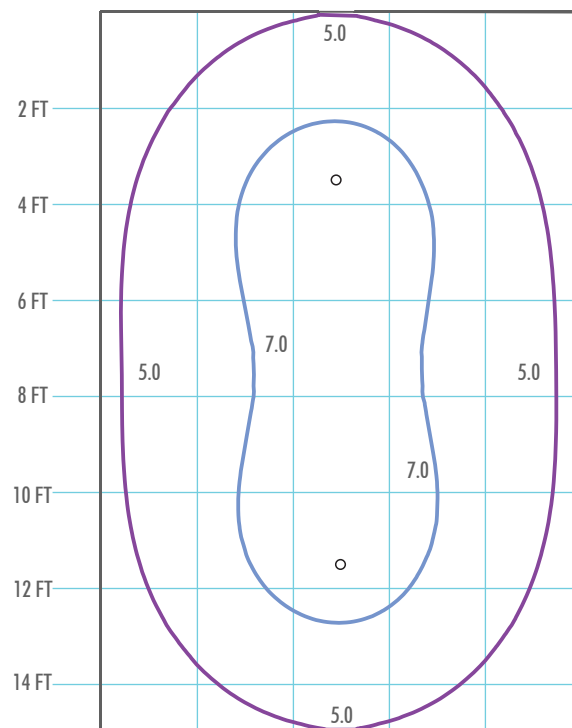
ISO FOOTCANDLE PLOTS - Two Fixture

DL360BUE-DUN 32 Ft Mtg Ht. 8 Ft O.C. Spacing

DL360BUE-DUN 10 Ft Mtg Ht. 8 Ft O.C. Spacing



1 Grid = 2 FT
15 FT x 15 FT Surface Area to achieve (Avg) 1.0 FC
80% Reflectance Value on Ceiling
20% Reflectance Value on Surface



1 Grid = 2 FT
10 FT x 15 FT Surface Area to achieve (Avg) 5.9 FC
80% Reflectance Value on Ceiling
20% Reflectance Value on Surface

DL360 - PHOTOMETRY

6" ROUND CEILING DOWNLIGHT

LUMEN PACKAGE :

1000lm

1500lm

2200lm

2600lm

SYSTEM POWER :

15W

22W

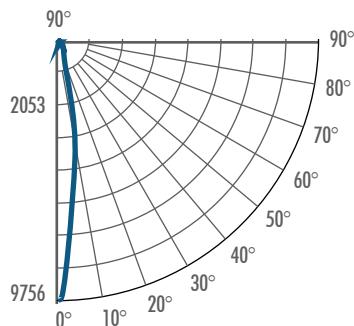
22W

30W

DL360-B10 - 1000lm - Narrow Spot - 4000K

System Power	: 15.3W	Multipliers	
Test Date	: 5/2017	5600K	1.39
Beam Angle 50%	: 12.6°	5000K	1.25
Field Angle 10%	: 28.9°	3500K	0.87
Color Temperature	: 4016K	3000K	0.75
CRI	: 85.3	2700K	0.67
R9 Value	: 26.6	2500K	0.62
Lumens Delivered	: 1038lm	1700K	0.42
CBCP	: 10651cd	Lumen Multipliers	
Power Factor	: 0.99	1500lm	1.45
		2200lm	2.12
		2600lm	2.50
		CRI	
		80CRI (Blank)	: 0.94
		90CRI (-C90)	: 1.06
		97CRI (-C97)	: 1.14

CANDELA TABULATION



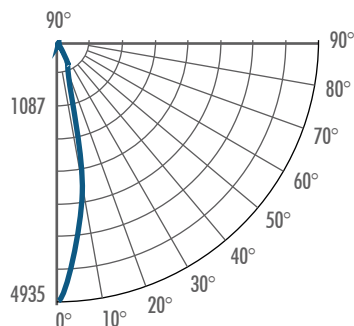
FOOTCANDLE DISTRIBUTION

Height	Beam Diameter	FC
3.3'	0.7'	906.4
6.6'	1.4'	226.6
9.8'	2.2'	100.7
13.1'	2.9'	56.6
16.4'	3.6'	36.6

DL360-B20 - 1000lm - Spot - 4000K

System Power	: 15.3W	Multipliers	
Test Date	: 5/2017	5600K	1.39
Beam Angle 50%	: 21.5°	5000K	1.24
Field Angle 10%	: 47.0°	3500K	0.87
Color Temperature	: 4021K	3000K	0.75
CRI	: 85.4	2700K	0.67
R9 Value	: 27.4	2500K	0.62
Lumens Delivered	: 1050lm	1700K	0.42
CBCP	: 5062cd	Lumen Multipliers	
Power Factor	: 0.99	1500lm	1.43
		2200lm	2.10
		2600lm	2.48
		CRI	
		80CRI (Blank)	: 0.94
		90CRI (-C90)	: 1.05
		97CRI (-C97)	: 1.14

CANDELA TABULATION



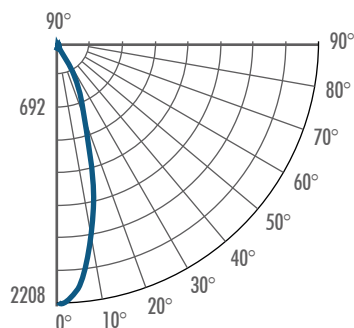
FOOTCANDLE DISTRIBUTION

Height	Beam Diameter	FC
3.3'	1.2'	458.5
6.6'	2.5'	114.6
9.8'	3.7'	50.9
13.1'	5.0'	28.7
16.4'	6.2'	18.3

DL360-B45 - 1000lm - Flood - 4000K

System Power	: 15.2W	Multipliers	
Test Date	: 5/2017	5600K	1.38
Beam Angle 50%	: 34.9°	5000K	1.24
Field Angle 10%	: 67.5°	3500K	0.86
Color Temperature	: 4048K	3000K	0.74
CRI	: 85.4	2700K	0.67
R9 Value	: 26.8	2500K	0.62
Lumens Delivered	: 980lm	1700K	0.42
CBCP	: 2215cd	Lumen Multipliers	
Power Factor	: 0.99	1500lm	1.53
		2200lm	2.24
		2600lm	2.65
		CRI	
		80CRI (Blank)	: 0.94
		90CRI (-C90)	: 1.05
		97CRI (-C97)	: 1.14

CANDELA TABULATION



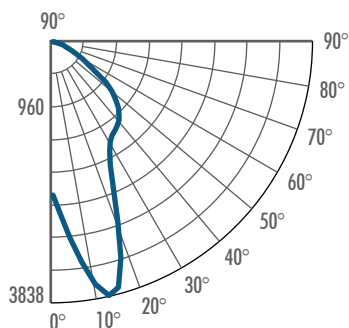
FOOTCANDLE DISTRIBUTION

Height	Beam Diameter	FC
3.3'	2.1'	205.2
6.6'	4.1'	51.3
9.8'	6.2'	22.8
13.1'	8.3'	12.8
16.4'	10.3'	8.2

DL360B-L26-BWW-T35 - 30W/2600LM - 3500K

System Power	:30.0W	Multipliers	
Test Date	:3/2018	5600K	1.60
Color Temperature	:3500K	5000K	1.43
CRI	:80	4000K	1.14
Lumens Delivered	:2832.1Lm	3000K	0.86
CBCP	:3852cd	2700K	0.77
Power Factor	:>.90	1700K	0.49
CRI		Lumens Multipliers	
80CRI (Blank)	:1.00	2200K	0.78
90CRI (-C90)	:1.13	1500K	0.39
97CRI (-C97)	:1.21	1000K	0.26

CANDELA TABULATION



PERFORMANCE DATA

LUMINAIRE SPACED 2' FROM WALL

Single Unit						DISTANCE FROM CEILING	Multiple Units On 2' Centers*			Multiple Units On 3' Centers*			Multiple Units On 4' Centers*		
Lateral Distance From Fixture 2' From Wall							Spaced 2' from Wall			Spaced 2' From Wall			Spaced 2' From Wall		
0'	1'	2'	3'	4'	5'										
32.0	17.2	4.0	1.0	0.4	0.2	1'	40.3	35.5	40.3	34.2	16.7	34.2	32.8	7.7	32.8
126.7	89.5	18.8	3.6	1.1	0.4	2'	164.7	186.1	164.7	133.8	92.3	133.8	128.8	36.2	128.8
88.0	76.4	43.2	8.9	2.1	0.7	3'	178.4	171.9	178.4	106.0	132.0	106.0	92.2	86.7	92.2
49.5	46.2	35.2	15.9	4.0	1.2	4'	128.3	126.6	128.3	82.3	89.7	82.3	57.6	71.7	57.6
34.7	31.2	24.1	14.4	6.4	1.9	5'	96.9	95.2	96.9	65.3	65.1	65.3	47.9	50.2	47.9
27.4	23.1	17.2	11.0	6.5	2.9	6'	76.4	74.5	76.4	51.8	51.1	51.8	41.2	37.0	41.2
21.1	17.0	12.7	8.4	5.5	3.3	7'	59.3	59.2	59.3	41.3	40.3	41.3	32.8	28.9	32.8
15.5	13.3	9.6	6.5	4.4	3.0	8'	45.6	45.9	45.6	32.6	31.7	32.6	25.3	23.3	25.3
11.1	9.8	7.4	5.1	3.6	2.6	9'	35.0	35.2	35.0	25.4	25.1	25.4	19.6	18.7	19.6
8.0	7.3	5.7	4.1	2.9	2.2	10'	26.9	27.1	26.9	19.9	20.0	19.9	15.5	15.0	15.5

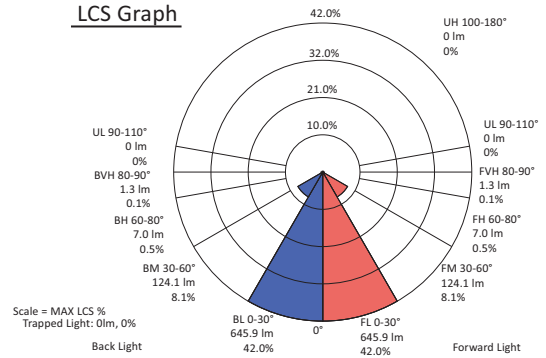
LUMINAIRE SPACED 3' FROM WALL

Single Unit						DISTANCE FROM CEILING	Multiple Units On 3' Centers*			Multiple Units On 4' Centers*			Multiple Units On 5' Centers*		
Lateral Distance From Fixture 3' From Wall							Spaced 3' From Wall			Spaced 3' From Wall			Spaced 3' From Wall		
0'	1'	2'	3'	4'	5'										
8.0	6.0	2.8	1.1	0.4	0.2	1'	10.2	8.9	10.2	8.9	5.5	8.9	8.4	3.3	8.4
32.9	26.3	12.2	4.0	1.5	0.6	2'	41.0	39.8	41.0	35.8	24.1	35.8	34.1	13.6	34.1
57.2	51.9	30.5	9.9	3.0	1.1	3'	77.3	89.5	77.3	63.2	61.4	63.2	59.5	36.9	59.5
44.2	40.4	33.1	18.3	6.0	1.9	4'	82.1	82.4	82.1	56.2	68.1	56.2	48.0	54.1	48.0
29.3	27.7	25.0	18.5	9.5	3.2	5'	68.9	65.5	68.9	48.8	52.7	48.8	35.9	46.7	35.9
20.7	20.0	18.4	14.9	9.8	4.9	6'	54.6	54.2	54.6	41.2	41.0	41.2	30.7	35.8	30.7
16.3	15.4	14.1	11.6	8.4	5.2	7'	45.2	44.8	45.2	34.2	34.1	34.2	27.2	28.3	27.2
13.8	12.6	11.2	9.1	6.8	4.7	8'	38.6	37.5	38.6	29.0	29.0	29.0	23.8	23.3	23.8
11.8	10.7	9.1	7.4	5.5	4.0	9'	32.9	32.2	32.9	25.0	24.6	25.0	20.5	19.8	20.5
9.9	9.1	7.6	6.0	4.6	3.4	10'	27.8	20.9	27.8	21.6	21.0	21.6	17.5	17.0	17.5

*Based on a minimum of five luminaires. Light Loss Factor: 1. Values are rounded to nearest 1/10th footcandle.

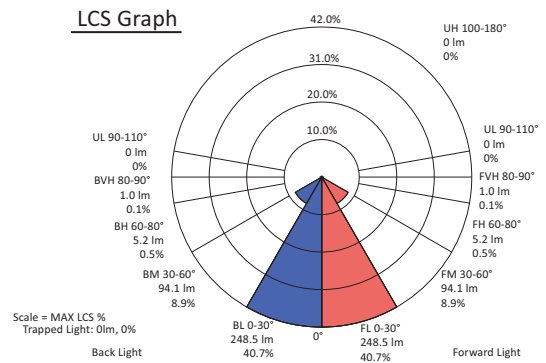
Fixture: DL360B-B10UE-D10

LCS Table		
BUG Rating: B2 - U0 - G0		
Forward light	Lumens	Lumens %
Low (0-30):	645.9	42.0%
Medium (30-60):	124.1	8.1%
High (60-80):	7.0	0.5%
Very high (80-90):	1.3	0.1%
Back light		
Low (0-30):	645.9	42.0%
Medium (30-60):	124.1	8.1%
High (60-80):	7.0	0.5%
Very high (80-90):	1.3	0.1%
Uplight		
Low (90-100):	0.0	0.0%
High (100-180):	0.0	0.0%
Trapped light	0.0	0.0%



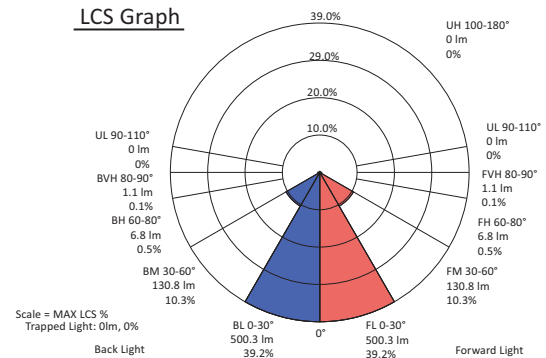
Fixture: DL360B-B20UE-DUN

LCS Table		
BUG Rating: B1 - U0 - G0		
Forward light	Lumens	Lumens %
Low (0-30):	428.5	40.7%
Medium (30-60):	94.1	8.9%
High (60-80):	5.2	0.5%
Very high (80-90):	1.0	0.1%
Back light		
Low (0-30):	428.5	40.7%
Medium (30-60):	94.1	8.9%
High (60-80):	5.2	0.5%
Very high (80-90):	1.0	0.1%
Uplight		
Low (90-100):	0.0	0.0%
High (100-180):	0.0	0.0%
Trapped light	0.0	0.0%



Fixture: DL360B-B45UE-DUN

LCS Table		
BUG Rating: B2 - U0 - G0		
Forward light	Lumens	Lumens %
Low (0-30):	500.3	39.2%
Medium (30-60):	130.8	10.3%
High (60-80):	6.8	0.5%
Very high (80-90):	1.1	0.1%
Back light		
Low (0-30):	500.3	39.2%
Medium (30-60):	130.8	10.3%
High (60-80):	6.8	0.5%
Very high (80-90):	1.1	0.1%
Uplight		
Low (90-100):	0.0	0.0%
High (100-180):	0.0	0.0%
Trapped light	0.0	0.0%



Fixture: DL360B-B60UE-DUN

LCS Table		
BUG Rating: B1 - U0 - G0		
Forward light	Lumens	Lumens %
Low (0-30):	270.7	19.6%
Medium (30-60):	396.3	28.7%
High (60-80):	22.8	1.6%
Very high (80-90):	1.7	0.1%
Back light		
Low (0-30):	270.7	19.6%
Medium (30-60):	396.3	28.7%
High (60-80):	22.8	1.6%
Very high (80-90):	1.7	0.1%
Uplight		
Low (90-100):	0.0	0.0%
High (100-180):	0.0	0.0%
Trapped light	0.0	0.0%

