

WD1360 - PHOTOMETRY

6" Round 1-Direction Wall Mount

LUMEN PACKAGE :

1000lm

1500lm

2200lm

2600lm

SYSTEM POWER :

15W

22W

22W

30W

WD1360WUE-DUN - 1000lm - Wide Flood - 4000K

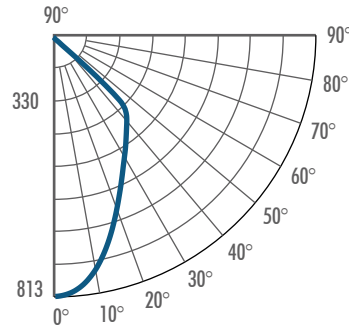
System Power	: 15.0 W
Test Date	: 9/2016
Beam Angle 50%	: 70.4°
Field Angle 10%	: 100.2°
Color Temperature	: 3930K
CRI	: 83.8
R9 Value	: 20.0
Lumens Delivered	: 1031lm
CBCP	: 813cd
Power Factor	: 0.99

Multipliers	
5000K	1.27
4000K	1.00
3500K	0.89
3000K	0.76
2700K	0.69
1700K	0.42

Lumen Multipliers	
2600lm	2.43

CRI	
80CRI (Blank)	: 0.95
90CRI (-C90)	: 1.07
97CRI (-C97)	: 1.16

CANDELA TABULATION

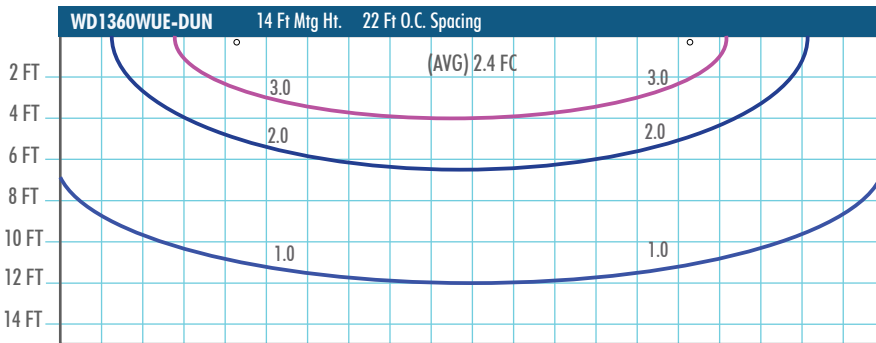


FOOTCANDLE DISTRIBUTION

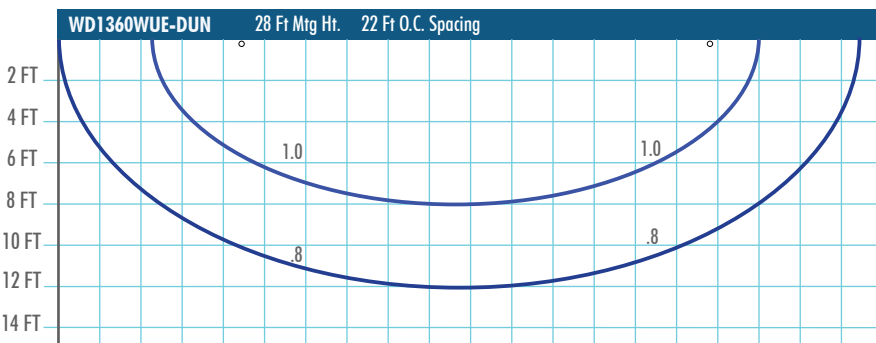
Height	Beam Diameter	FC
8.0'	11.3'	12.7
12.0'	16.9'	5.6
14.0'	19.8'	4.1
16.0'	22.6'	3.2
18.0'	25.4'	2.5

ISO FOOTCANDLE PLOTS

- Two Fixture



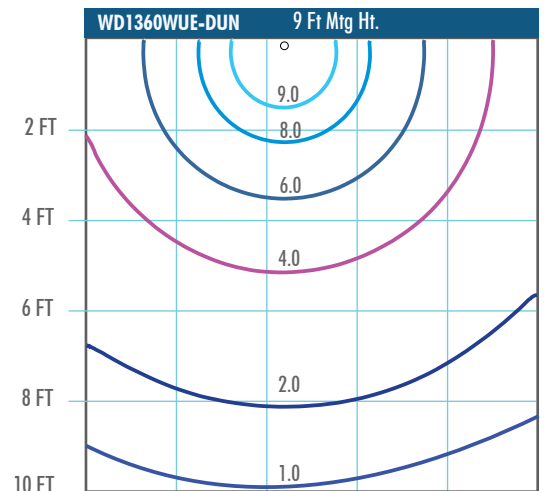
1 Grid = 2 FT
40 FT x 15 FT Surface Area to achieve (Avg) 1.4 FC
49% Reflectance Value on Wall
10% Reflectance Value on Surface



1 Grid = 2 FT
40 FT x 15 FT Surface Area to achieve (Avg) 1 FC
49% Reflectance Value on Wall
10% Reflectance Value on Surface

ISO FOOTCANDLE PLOTS

- Single Fixture



1 Grid = 2 FT
10 FT x 10 FT Surface Area to achieve (Avg) 3.8 FC
49% Reflectance Value on Wall
10% Reflectance Value on Surface

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6" Round 1-Direction Wall Mount

LUMEN PACKAGE :

1000lm

1500lm

2200lm

2600lm

SYSTEM POWER :

15W

22W

22W

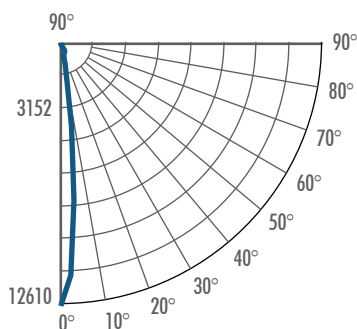
30W

WD1360B-B10UE-DUN - 1000lm - Narrow Spot - 4000K

System Power	: 14.5W
Test Date	: 11/2017
Beam Angle 50%	: 11.7°
Field Angle 10%	: 23.4°
Color Temperature	: 4012K
CRI	: 85.4
R9 Value	: 28.7
Lumens Delivered	: 1079lm
CBCP	: 12610cd
Power Factor	: 0.98

Multipliers	
5000K	1.25
4000K	1.00
3500K	0.87
3000K	0.75
2700K	0.67
1700K	0.42
Lumen Multipliers	
2600lm	2.41
CRI	
80CRI (Blank)	: 0.94
90CRI (-C90)	: 1.05
97CRI (-C97)	: 1.14

CANDELA TABULATION



FOOTCANDLE DISTRIBUTION

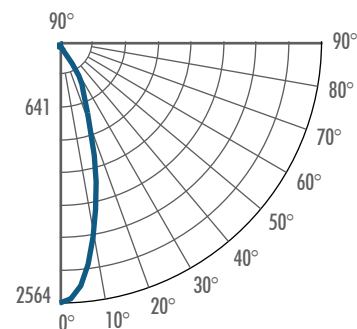
Height	Beam Diameter	FC
10.0'	2.0'	126.1
20.0'	4.1'	31.5
30.0'	6.1'	14.0
40.0'	8.2'	7.9
50.0'	10.2'	5.0

WD1360B-B45UE-DUN - 1000lm - Flood - 4000K

System Power	: 14.5W
Test Date	: 11/2017
Beam Angle 50%	: 32.4°
Field Angle 10%	: 68.7°
Color Temperature	: 4016K
CRI	: 85.4
R9 Value	: 28.4
Lumens Delivered	: 1068lm
CBCP	: 2564cd
Power Factor	: 0.98

Multipliers	
5000K	1.25
4000K	1.00
3500K	0.87
3000K	0.75
2700K	0.67
1700K	0.42
Lumen Multipliers	
2600lm	2.43
CRI	
80CRI (Blank)	: 0.94
90CRI (-C90)	: 1.05
97CRI (-C97)	: 1.14

CANDELA TABULATION



FOOTCANDLE DISTRIBUTION

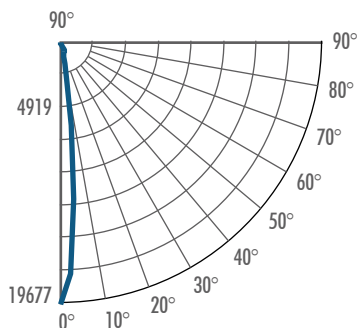
Height	Beam Diameter	FC
8.0'	4.6'	40.1
12.0'	7.0'	17.8
16.0'	9.3'	10.0
20.0'	11.6'	6.4
25.0'	14.5'	4.1

WD1360B-L15-B10UE-DUN - 1500lm - Spot - 4000K

System Power	: 22.0W
Test Date	: 11/2017
Beam Angle 50%	: 11.7°
Field Angle 10%	: 23.4°
Color Temperature	: 4012K
CRI	: 85.4
R9 Value	: 28.7
Lumens Delivered	: 1618lm
CBCP	: 18913cd
Power Factor	: 0.90

Multipliers	
5000K	1.25
4000K	1.00
3500K	0.87
3000K	0.75
2700K	0.67
1700K	0.42
Lumen Multipliers	
2600lm	1.61
CRI	
80CRI (Blank)	: 0.94
90CRI (-C90)	: 1.05
97CRI (-C97)	: 1.14

CANDELA TABULATION



FOOTCANDLE DISTRIBUTION

Height	Beam Diameter	FC
10.0'	2.0'	189.1
20.0'	4.1'	47.3
30.0'	6.1'	21.0
50.0'	10.2'	7.6
70.0'	14.3'	3.9

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LUMEN PACKAGE :

1000lm

1500lm

2200lm

2600lm

SYSTEM POWER :

15W

22W

22W

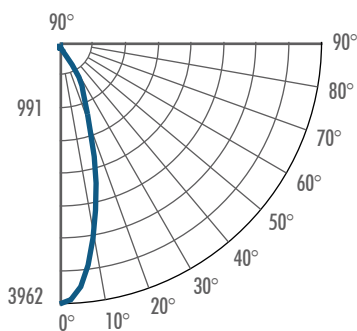
30W

WD1360B-L15-B45UE-DUN - 1500lm - Flood - 4000K

System Power	:22.0W
Test Date	:11/2017
Beam Angle 50%	:32.4°
Field Angle 10%	:68.7°
Color Temperature	:4016K
CRI	:85.4
R9 Value	:28.7
Lumens Delivered	:1601lm
CBCP	:3844cd
Power Factor	:0.90

Multipliers	
5000K	1.25
4000K	1.00
3500K	0.87
3000K	0.75
2700K	0.67
1700K	0.42
Lumen Multipliers	
2600lm	1.62
CRI	
80CRI (Blank)	:0.94
90CRI (-C90)	:1.05
97CRI (-C97)	:1.14

CANDELA TABULATION



FOOTCANDLE DISTRIBUTION

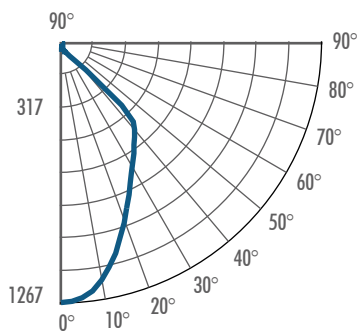
Height	Beam Diameter	FC
8.0'	4.6'	60.1
15.0'	8.7'	17.1
20.0'	11.6'	9.6
25.0'	14.5'	6.2
30.0'	17.4'	4.3

WD1360B-L15UE-DUN - 1500lm - Wide Flood - 4000K

System Power	:22.1W
Test Date	:9/2016
Beam Angle 50%	:70.4°
Field Angle 10%	:101.0°
Color Temperature	:3930K
CRI	:83.8
R9 Value	:20.7
Lumens Delivered	:1547lm
CBCP	:1220cd
Power Factor	:0.90

Multipliers	
5000K	1.25
4000K	1.00
3500K	0.89
3000K	0.76
2700K	0.69
1700K	0.43
Lumen Multipliers	
2600lm	1.68
CRI	
80CRI (Blank)	:0.95
90CRI (-C90)	:1.07
97CRI (-C97)	:1.16

CANDELA TABULATION



FOOTCANDLE DISTRIBUTION

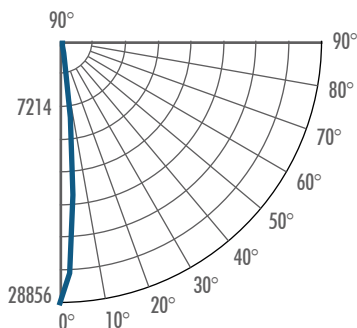
Height	Beam Diameter	FC
10.0'	14.1'	12.2
12.0'	16.9'	8.5
14.0'	19.8'	6.2
16.0'	22.6'	4.8
18.0'	25.4'	3.8

WD1360B-L20-B10UE-DUN - 2200lm - Spot - 4000K

System Power	:22.0W
Test Date	:11/2017
Beam Angle 50%	:11.7°
Field Angle 10%	:23.4°
Color Temperature	:4012K
CRI	:85.4
R9 Value	:28.7
Lumens Delivered	:2373lm
CBCP	:27739cd
Power Factor	:0.90

Multipliers	
5000K	1.25
4000K	1.00
3500K	0.87
3000K	0.75
2700K	0.67
1700K	0.42
Lumen Multipliers	
2600lm	1.09
CRI	
80CRI (Blank)	:0.94
90CRI (-C90)	:1.05
97CRI (-C97)	:1.14

CANDELA TABULATION



FOOTCANDLE DISTRIBUTION

Height	Beam Diameter	FC
10.0'	2.0'	277.4
20.0'	4.1'	69.3
30.0'	6.1'	30.8
50.0'	10.2'	11.1
70.0'	14.3'	5.7

WD1360 - PHOTOMETRY

6" Round 1-Direction Wall Mount

LUMEN PACKAGE :

1000lm

1500lm

2200lm

2600lm

SYSTEM POWER :

15W

22W

22W

30W

WD1360B-L20-B45UE-DUN - 2200lm - Flood - 4000K

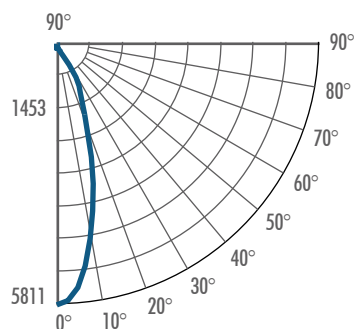
System Power	:22.0W
Test Date	:11/2017
Beam Angle 50%	:32.4°
Field Angle 10%	:68.7°
Color Temperature	:4016K
CRI	:85.4
R9 Value	:28.7
Lumens Delivered	:2348lm
CBCP	:5638cd
Power Factor	:0.90

Multipliers	
5000K	1.25
4000K	1.00
3500K	0.87
3000K	0.75
2700K	0.67
1700K	0.42

Lumen Multipliers	
2600lm	1.62

CRI	
80CRI (Blank)	:0.94
90CRI (-C90)	:1.05
97CRI (-C97)	:1.14

CANDELA TABULATION



FOOTCANDLE DISTRIBUTION

Height	Beam Diameter	FC
10.0'	5.8'	56.4
20.0'	11.6'	14.1
30.0'	17.4'	6.3
35.0'	20.3'	4.6
40.0'	23.2'	3.5

WD1360B-L20UE-DUN - 2200lm - Wide Flood - 4000K

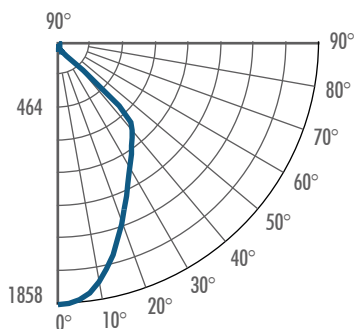
System Power	:22.1W
Test Date	:9/2016
Beam Angle 50%	:70.4°
Field Angle 10%	:101.0°
Color Temperature	:3930K
CRI	:83.8
R9 Value	:20.7
Lumens Delivered	:2269lm
CBCP	:1789cd
Power Factor	:0.90

Multipliers	
5000K	1.25
4000K	1.00
3500K	0.89
3000K	0.76
2700K	0.69
1700K	0.43

Lumen Multipliers	
2600lm	1.15

CRI	
80CRI (Blank)	:0.95
90CRI (-C90)	:1.07
97CRI (-C97)	:1.16

CANDELA TABULATION

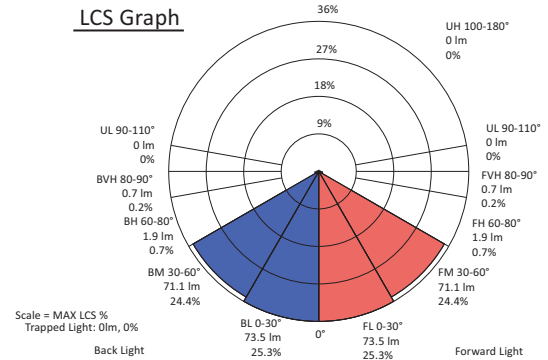


FOOTCANDLE DISTRIBUTION

Height	Beam Diameter	FC
8.0'	11.3'	28.0
12.0'	16.9'	12.4
16.0'	22.6'	7.0
20.0'	28.2'	4.5
24.0'	33.9'	3.1

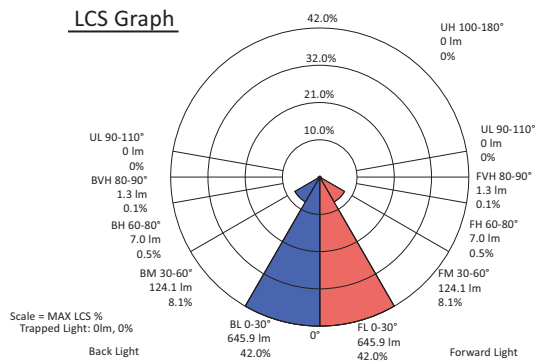
Fixture: WD1360B-B02UE-DUN

LCS Table		
BUG Rating: B0 - U0 - G0		
Forward light	Lumens	Lumens %
Low (0-30):	73.5	25.3%
Medium (30-60):	71.1	24.4%
High (60-80):	1.9	0.6%
Very high (80-90):	0.7	0.2%
Back light		
Low (0-30):	73.5	25.3%
Medium (30-60):	71.1	24.4%
High (60-80):	1.9	0.6%
Very high (80-90):	0.7	0.2%
Uplight		
Low (90-100):	0.0	0.0%
High (100-180):	0.0	0.0%
Trapped light	0.0	0.0%



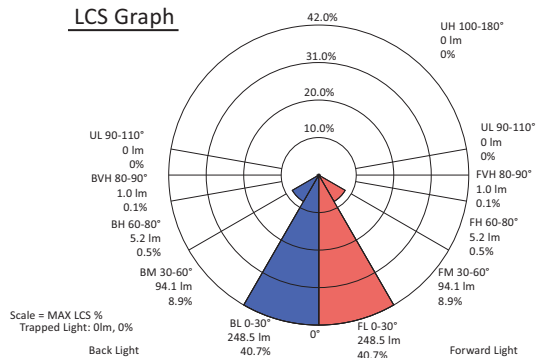
Fixture: WD1360B-B10UE-D10

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: WD1360B-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: WD1360B-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%

