

WD2340 - PHOTOMETRY

4" Round 2-Direction Wall Mount

LUMEN PACKAGE :

2 x 1000lm

SYSTEM POWER :

30W

2 x 1500lm

45W

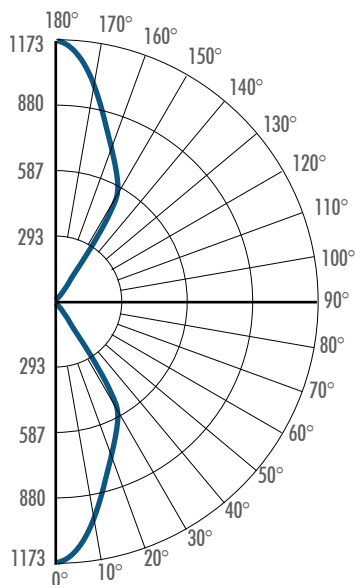
WD2340BUE-DUN

- 2 x 1000lm - 4000K

System Power	:31.1W
Test Date	:9/2016
Beam Angle 50%	:59.3°
Field Angle 10%	:83.9°
Color Temperature	:3903K
CRI	:83.8
R9 Value	:20.0
Lumens Delivered	:2 x 1016lm
CBCP	:1173cd
Power Factor	:0.99

CCT Multiplier	
5000K	1.28
4000K	1.00
3500K	0.90
3000K	0.77
2700K	0.70
1700K	0.437
Lumen Multipliers	
2 x 1500lm	1.48
CRI	
80CRI (Blank)	:0.95
90CRI (-C90)	:1.07
97CRI (-C97)	:1.16

CANDELA TABULATION



FOOTCANDLE DISTRIBUTION

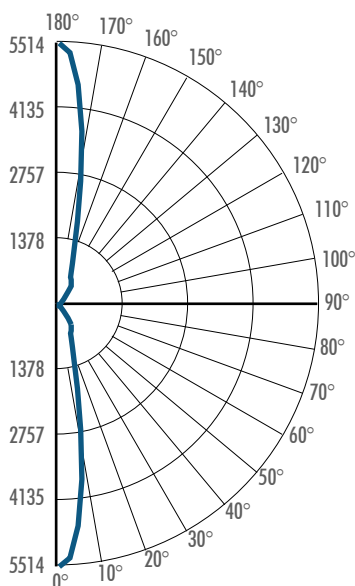
Height	Beam Diameter	FC
14.0'	15.9'	6.0
12.0'	13.7'	8.1
10.0'	11.4'	11.7
8.0'	9.1'	18.3
6.0'	6.8'	32.6
6.0'	6.8'	32.6
8.0'	9.1'	18.3
10.0'	11.4'	11.7
12.0'	13.7'	8.1
14.0'	15.9'	6.0

WD2340B-L15-BD20-BU20UE-DUN - 2 x 1500lm - 4000K

System Power	:37.1W
Test Date	:10/7/2020
Beam Angle 50%	:19.7°
Field Angle 10%	:55.8°
Color Temperature	:3967K
CRI	:92.5
R9 Value	:62
Lumens Delivered	:2 x 1262
CBCP	:5514cd
Power Factor	:0.99

CCT Multiplier	
5000K	1.19
4000K	1.00
3500K	1.00
3000K	0.98
2700K	0.94
1700K	
Lumen Multipliers	
2 x 1000lm	0.84
2 x 1500lm	1.00
CRI	
90CRI (-C90)	:1.00
97CRI (-C97)	:0.90

CANDELA TABULATION



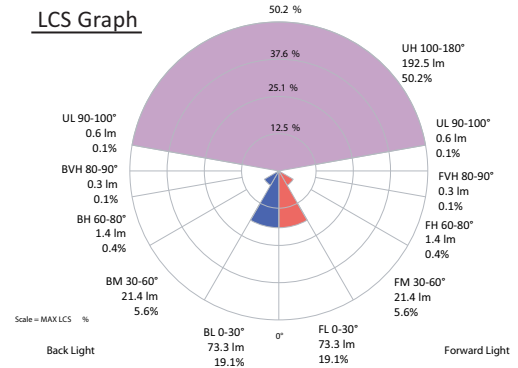
FOOTCANDLE DISTRIBUTION

Height	Beam Diameter	FC
16.0'	5.6'	21.5
14.0'	4.9'	28.1
12.0'	4.2'	38.3
10.0'	3.5'	55.1
8.0'	2.8'	86.2
8.0'	2.8'	86.2
10.0'	3.5'	55.1
12.0'	4.2'	38.3
14.0'	4.9'	28.1
16.0'	5.6'	21.5

Fixture: WD2340B-BD02-BU02UE-DUN

LCS Table		
BUG rating:	B0 U3 G0	
Forward light	Lumens	Lumens %
Low (0-30):	73.3	19.1%
Medium (30-60):	21.4	5.6%
High (60-80):	1.4	0.4%
Very high (80-90):	0.3	0.1%
Back light		
Low (0-30):	73.3	19.1%
Medium (30-60):	21.4	5.6%
High (60-80):	1.4	0.4%
Very high (80-90):	0.3	0.1%
Uplight		
Low (90-100):	0.6	0.1%
High (100-180):	192.5	50.2%

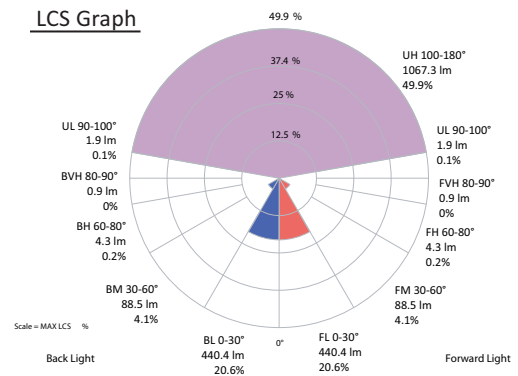
LCS Graph



Fixture: WD2340B-BD10-BU10UE-DUN

LCS Table		
BUG rating:	B1 U5 G0	
Forward light	Lumens	Lumens %
Low (0-30):	440.4	20.6%
Medium (30-60):	88.5	4.1%
High (60-80):	4.3	0.2%
Very high (80-90):	0.9	0%
Back light		
Low (0-30):	440.4	20.6%
Medium (30-60):	88.5	4.1%
High (60-80):	4.3	0.2%
Very high (80-90):	0.9	0%
Uplight		
Low (90-100):	1.9	0.1%
High (100-180):	1067.3	49.9%

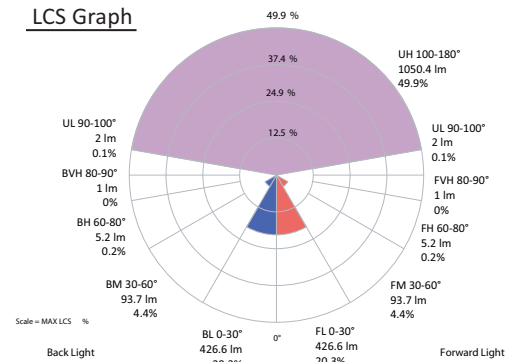
LCS Graph



Fixture: WD2340B-BD20-BU20UE-DUN

LCS Table		
BUG rating:	B1 U5 G0	
Forward light	Lumens	Lumens %
Low (0-30):	426.6	20.3%
Medium (30-60):	93.7	4.4%
High (60-80):	5.2	0.2%
Very high (80-90):	1	0%
Back light		
Low (0-30):	426.6	20.3%
Medium (30-60):	93.7	4.4%
High (60-80):	5.2	0.2%
Very high (80-90):	1	0%
Uplight		
Low (90-100):	2	0.1%
High (100-180):	1050.4	49.9%

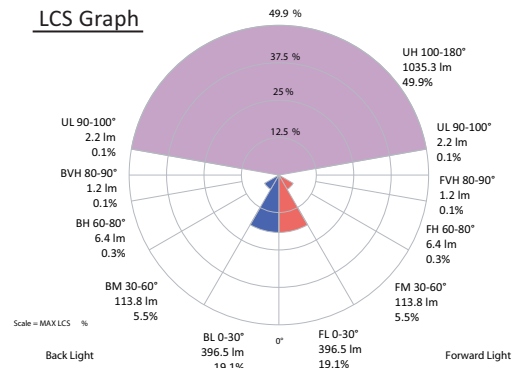
LCS Graph



Fixture: WD2340B-BD45-BU45UE-DUN

LCS Table		
BUG rating:	B1 U5 G0	
Forward light	Lumens	Lumens %
Low (0-30):	396.5	19.1%
Medium (30-60):	113.8	5.5%
High (60-80):	6.4	0.3%
Very high (80-90):	1.2	0.1%
Back light		
Low (0-30):	396.5	19.1%
Medium (30-60):	113.8	5.5%
High (60-80):	6.4	0.3%
Very high (80-90):	1.2	0.1%
Uplight		
Low (90-100):	2.2	0.1%
High (100-180):	1035.3	49.9%

LCS Graph



Fixture: WD2340B-BD60-BU60UE-DUN

LCS Table		
BUG rating:	B1 U4 G0	
Forward light	Lumens	Lumens %
Low (0-30):	273.6	16.1%
Medium (30-60):	139.7	8.2%
High (60-80):	10.8	0.6%
Very high (80-90):	1	0.1%
Back light		
Low (0-30):	273.6	16.1%
Medium (30-60):	139.7	8.2%
High (60-80):	10.8	0.6%
Very high (80-90):	1	0.1%
Uplight		
Low (90-100):	2.1	0.1%
High (100-180):	848.3	49.9%

