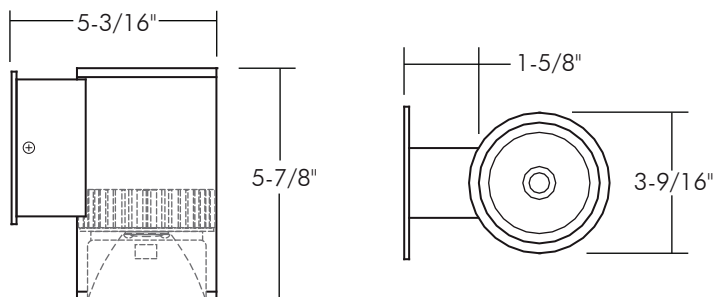


WD1340 - 4" ROUND 1-DIRECTION WALL MOUNT (IP65) - 1000LM/1500LM SURFACE 1-DIRECTION WALL MOUNT



SPECIFICATION

Application: This WD1 Series directional Wall luminaire can be used in both interior and outdoor settings and can be pointed up or down. Typical locations are in commercial and retail spaces that contain walls and/or columns that require directional lighting. Can be used as downlight for direct illumination or an uplights for indirect illumination of architecture facades.

Housing: Constructed from a round one piece high grade aluminum extrusion with a rectangular extrusion arm, end cap, faceplate and a mounting plate with a powder coat finish. Includes COB LED, reflector and LED driver. Mounting plate is secured to arm with two (2) flat head phillips stainless steel screws. Mounting plate installs onto an electrical junction box. Consult factory for junction box mounting sizes.

Mounting: Fixture includes a mounting bracket for installation directly to a 4" octagonal electrical junction-box.

Faceplate: Round one piece extruded aluminum with powder coat finish, clear tempered glass lens, and silicone o-ring. Faceplate is secured to the housing by threads.

Reflector Construction: One piece, heavy-gauge aluminum reflector prevents ugly dents during shipping and installation. Deeply mounted singular LED provides 50 degree visual cutoff for a glare-free appearance.

Lumen Maintenance: Minimum 50,000 hours L70 life based on ANSI TM-21 calculations from LM80 standardized test results. See ordering guide for delivered lumens.

Dimming: (-DUN) option is a universal dimming system that works with most 3-Wire ELV, 2-Wire Incandescent and 5-Wire 0-10V fluorescent dimmers.

Electrical: AC 50/60Hz Electronic Direct Current Class 2 driver integrally mounted. Power Factor > 0.90. For cold weather applications (-22°C and above) use -DUN driver option.

Emergency Options: Emergency LED Battery Back-up available, remotely mounted adjacent to housing by installer. When AC power fails, the device immediately switches to the emergency mode, operating the LEDs for a minimum of 90 minutes. Remote test switch, plate cover and junction box included.

Caution: LITON recommends use of surge protectors on the power entering LED Housings. Surge damage is not covered by warranty.

Warranty: Covered by a 5 Year Warranty to be free of defects in materials and craftsmanship. Fixture should not be installed in applications with ambient temperature above 60 degrees C. Doing so will result in reduced lamp life and voided warranty.

Note: Dark Sky compliant when fixture is pointing downward.

Listing: ETL / cETL Listed. Suitable for wet location. Assembled in USA. (IP65).

Finish: A 7-stage electrostatic, polymer process provides a finish that delivers outstanding durability, superior anti-aging, resistance to corrosion and UV-degradation Standard finishes are White, Silver, Basic Bronze, Black. Special order finishes are Light Silver, Dark Grey, Metallic Gold and Metallic Black.

Beam Spread: Available in Wide Flood, 2° Pencil Beam, Narrow Spot, Spot and Flood.

LED: Energy efficient Chip-On-Board (COB) Singular LED Light Source provides for smooth uniform light output, eliminating the multiple shadow effect seen by multiple LED Source products. Binned with 4-step MacAdam ellipses as recommended by ANSI Standard. Available in 4000K, 1700K*, 2500K*, 2700K, 2700K, 97CRI*, 3000K, 3000K, 97CRI*, 3500K, 5000K and 5600K.

Benefit:

- Uniform, low glare illumination
- Durable, corrosion resistant finish
- Emergency back up available
- Singular COB Light Source
- 5 year limited warranty

FEATURE:

ORDERING EXAMPLE : WD1340B-L15-B02-T27-EMAC

WD1340	FINISH	LUMEN	BEAM SPREAD	DIMMING	LED	OPTIONS
WD1340	W :White	Blank:1000lm (15W)	Blank:Wide Flood	Blank :Non-Dimming (120V)	Blank :4000K	Blank :None
	S :Silver	-L15 :1500lm (22W)	-B02 :2° Pencil Beam	UE-DUN:UniDim™ (120V/277V)	-T17 :1700K*	-EMAC :Emergency Back Up
	BZ :Basic Bronze		-B10 :Narrow Spot		-T25 :2500K*	
	B :Black		-B20 :Spot		-T27 :2700K	
	LS :Light Silver*		-B45 :Flood		-T27-C97 :2700K, 97CRI*	
	DG :Dark Grey*				-T30 :3000K	
	MG :Metallic Gold*				-T30-C97 :3000K, 97CRI*	
	MB :Metallic Black*				-T35 :3500K	
					-T50 :5000K	
					-T56 :5600K	

*Special order finish. Minimum order, extended lead time may apply. Consult factory.

WD1340 - PHOTOMETRY

4" Round 1-Direction Wall Mount

LUMEN PACKAGE :

1000lm

1500lm

SYSTEM POWER :

15W

22W

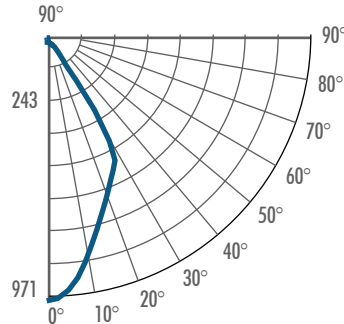
WD1340BUE-DUN - 1000lm - Wide Flood - 4000K

CANDELA TABULATION

FOOTCANDLE DISTRIBUTION

System Power	: 14.5W
Test Date	: 11/15/2017
Beam Angle 50%	: 62.7°
Field Angle 10%	: 83.4°
Color Temperature	: 3997K
CRI	: 85.4
R9 Value	: 28.5
Lumens Delivered	: 863lm
CBCP	: 971cd
Power Factor	: 0.98

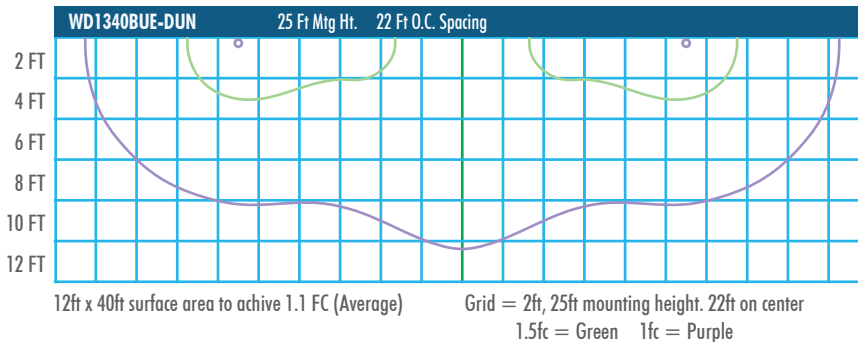
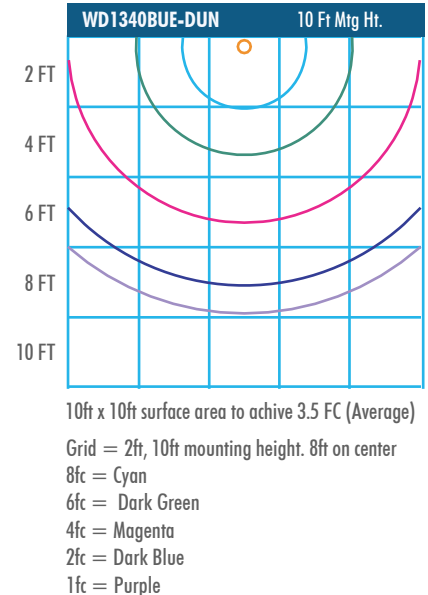
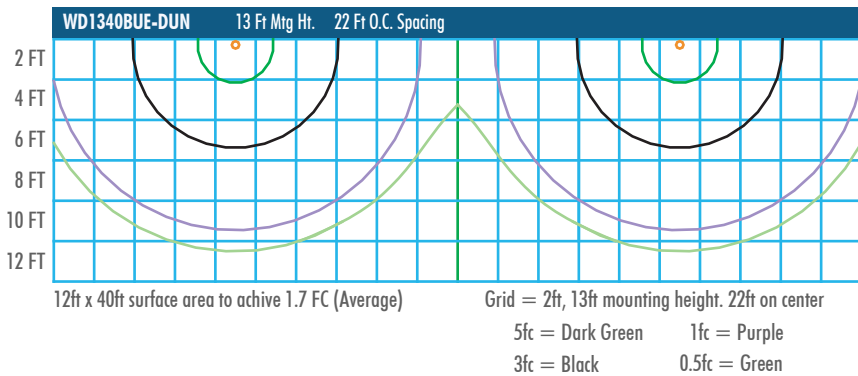
Multipliers	
5600K	1.40
5000K	1.25
3500K	0.87
3000K	0.75
2700K	0.67
2500K	0.62
1700K	0.42
CRI	
80CRI (Blank)	: 0.94
90CRI (-C90)	: 1.05
97CRI (-C97)	: 1.14



Height	Beam Diameter	FC
8.0'	9.7'	15.2
12.0'	14.6'	6.7
14.0'	17.1'	5.0
16.0'	19.5'	3.8
18.0'	21.9'	3.0

ISO FOOTCANDLE PLOTS - Two Fixture

ISO FOOTCANDLE PLOTS - Single Fixture



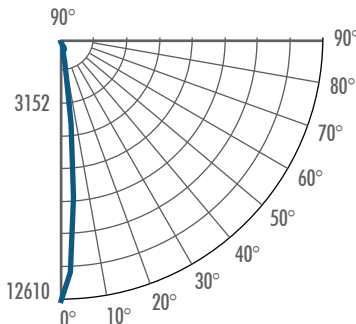
WD1340B-B10UE-DUN - 1000lm - Narrow Spot - 4000K

CANDELA TABULATION

FOOTCANDLE DISTRIBUTION

System Power	: 14.5W
Test Date	: 11/15/2017
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	
5600K	1.37
5000K	1.23
3500K	0.86
3000K	0.73
2700K	0.66
2500K	0.61
1700K	0.42
CRI	
80CRI (Blank)	: 0.94
90CRI (-C90)	: 1.05
97CRI (-C97)	: 1.14



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

WD1340 - PHOTOMETRY

4" Round 1-Direction Wall Mount

LUMEN PACKAGE :

1000lm

1500lm

SYSTEM POWER :

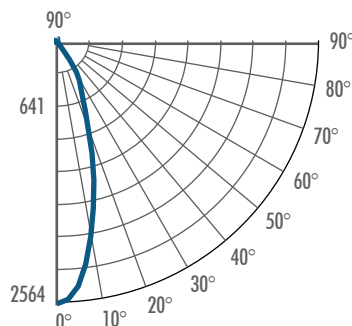
15W

22W

WD1340B-B45UE-DUN - 1000lm - Flood - 4000K

System Power	:14.5W	Multipliers	
Test Date	:11/15/2017	5600K	1.37
Beam Angle 50%	:32.4°	5000K	1.22
Field Angle 10%	:68.7°	3500K	0.85
Color Temperature	:4016K	3000K	0.73
CRI	:85.4	2700K	0.66
R9 Value	:28.4	2500K	0.61
Lumens Delivered	:1068lm	1700K	0.42
CBCP	:2564cd	CRI	
Power Factor	:0.98	80CRI (Blank)	:0.94
		90CRI (-C90)	:1.05
		97CRI (-C97)	:1.14

CANDELA TABULATION



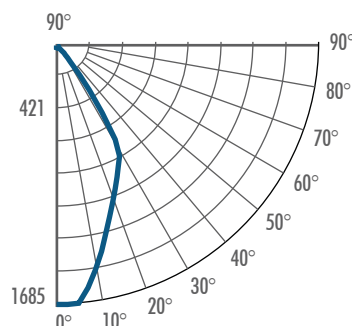
FOOTCANDLE DISTRIBUTION

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

WD1340B-L15UE-DUN 1500lm - Wide Flood - 4000K

System Power	:20.1W	Multipliers	
Test Date	:11/15/2017	5600K	1.38
Beam Angle 50%	:58.5°	5000K	1.23
Field Angle 10%	:82.7°	3500K	0.86
Color Temperature	:4061K	3000K	0.74
CRI	:85.4	2700K	0.66
R9 Value	:24.8	2500K	0.62
Lumens Delivered	:1418lm	1700K	0.42
CBCP	:1685cd	CRI	
Power Factor	:1.00	80CRI (Blank)	:0.94
		90CRI (-C90)	:1.05
		97CRI (-C97)	:1.14

CANDELA TABULATION



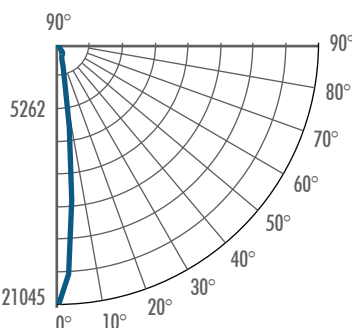
FOOTCANDLE DISTRIBUTION

Height	Beam Diameter	FC
8.0'	9.0'	26.3
10.0'	13.4'	11.7
20.0'	15.7'	8.6
40.0'	17.9'	6.6
60.0'	20.2'	5.2

WD1340B-L15-B10UE-DUN - 1500lm - Narrow Spot - 4000K

System Power	:20.1W	Multipliers	
Test Date	:11/15/2017	5600K	1.37
Beam Angle 50%	:11.7°	5000K	1.23
Field Angle 10%	:23.4°	3500K	0.86
Color Temperature	:4076K	3000K	0.73
CRI	:85.4	2700K	0.66
R9 Value	:28.7	2500K	0.61
Lumens Delivered	:1730lm	1700K	0.42
CBCP	:20228cd	CRI	
Power Factor	:1.00	80CRI (Blank)	:0.94
		90CRI (-C90)	:1.05
		97CRI (-C97)	:1.14

CANDELA TABULATION



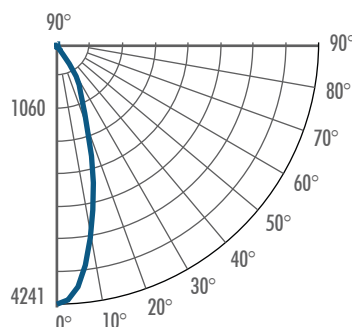
FOOTCANDLE DISTRIBUTION

Height	Beam Diameter	FC
8.0'	1.6'	316.1
10.0'	2.0'	202.3
20.0'	4.1'	50.6
40.0'	8.2'	12.6
60.0'	12.3'	5.6

WD1340B-L15-B45UE-DUN - 1500lm - Flood - 4000K

System Power	:20.1W	Multipliers	
Test Date	:11/15/2017	5600K	1.37
Beam Angle 50%	:32.4°	5000K	1.22
Field Angle 10%	:68.7°	3500K	0.85
Color Temperature	:4080K	3000K	0.73
CRI	:85.4	2700K	0.66
R9 Value	:28.4	2500K	0.61
Lumens Delivered	:1714lm	1700K	0.42
CBCP	:4115cd	CRI	
Power Factor	:1.00	80CRI (Blank)	:0.94
		90CRI (-C90)	:1.05
		97CRI (-C97)	:1.14

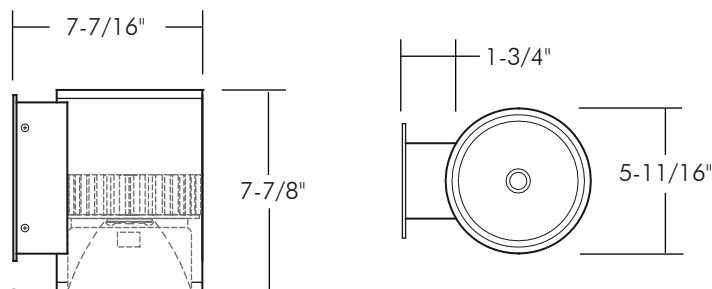
CANDELA TABULATION



FOOTCANDLE DISTRIBUTION

Height	Beam Diameter	FC
8.0'	4.6'	64.3
10.0'	7.0'	28.6
20.0'	9.3'	16.1
40.0'	11.6'	10.3
60.0'	14.5'	6.6

WD1360 - 6" ROUND 1-DIRECTION WALL MOUNT (IP65) 1000LM/1500LM/2200LM/2600LM SURFACE 1-DIRECTION WALL MOUNT



SPECIFICATION

Application: This WD1 Series directional Wall luminaire can be used in both interior and outdoor settings and can be pointed up or down. Typical locations are in commercial and retail spaces that contain walls and/or columns that require directional lighting. Can be used as downlight for direct illumination or an uplights for indirect illumination of architecture facades.

Housing: Constructed from a round one piece high grade aluminum extrusion with a rectangular extrusion arm, end cap, faceplate and a mounting plate with a powder coat finish. Includes COB LED, reflector and LED driver. Mounting plate is secured to arm with four (4) flat head phillips stainless steel screws. Mounting plate installs onto an electrical junction box. Consult factory for junction box mounting sizes.

Mounting: Fixture includes a mounting bracket for installation directly to a 4" octagonal electrical junction-box.

Faceplate: Round one piece extruded aluminum with powder coat finish, clear tempered glass lens, and silicone o-ring. Faceplate is secured to the housing by threads.

Reflector Construction: One piece, heavy-gauge aluminum reflector prevents ugly dents during shipping and installation. Deeply mounted singular LED provides 50 degree visual cutoff for a glare-free appearance.

Lumen Maintenance: Minimum 50,000 hours L70 life based on ANSI TM-21 calculations from LM80 standardized test results. See ordering guide for delivered lumens.

Dimming: (-DUN) option is a universal dimming system that works with most 3-Wire ELV, 2-Wire Incandescent and 5-Wire 0-10V fluorescent dimmers.

Electrical: AC 50/60Hz Electronic Direct Current Class 2 driver integrally mounted. Power Factor > 0.90. For cold weather applications (-22°C and above) use -DUN driver option.

Emergency Options: Emergency LED Battery Back-up available, remotely mounted adjacent to housing by installer. When AC power fails, the device immediately switches to the emergency mode, operating the LEDs for a minimum of 90 minutes. Remote test switch, plate cover and junction box included.

Caution: LITON recommends use of surge protectors on the power entering LED Housings. Surge damage is not covered by warranty.

Optional: Integral Surface Mounted Junction Box – The surface mounted, weatherproof junction box provides a clean finished look in situations where a recessed junction box is not an option. This feature includes four (4) conduit ports along with two (2) closure plugs.

Warranty: Covered by a 5 Year Warranty to be free of defects in materials and craftsmanship. Fixture should not be installed in applications with ambient temperature above 60 degrees C. Doing so will result in reduced lamp life and voided warranty.

Note: Dark Sky compliant when fixture is pointing downward.

Listing: ETL / cETL Listed. Suitable for wet location. Assembled in USA. (IP65).

Finish: A 7-stage electrostatic, polymer process provides a finish that delivers outstanding durability, superior anti-aging, resistance to corrosion and UV-degradation Standard finishes are White, Silver, Basic Bronze, Black. Special order finishes are Light Silver, Dark Grey, Metallic Gold and Metallic Black.

Beam Spread: Available in Wide Flood, 2° Pencil Beam, Narrow Spot, Spot, Flood and Type IV (Forward Throw).

LED: Energy efficient Chip-On-Board (COB) Singular LED Light Source provides for smooth uniform light output, eliminating the multiple shadow effect seen by multiple LED Source products. Binned with 4-step MacAdam ellipses as recommended by ANSI Standard. Available in 4000K, 1700K*, 2500K*, 2700K, 2700K, 97CRI*, 3000K, 3000K, 97CRI*, 3500K, 5000K, 5600K and 590nm AMBER*.

Benefit:

- Daylight Sensor available
- Uniform, low glare illumination
- Durable, corrosion resistant finish
- Emergency back up available
- Singular COB Light Source
- 5 year limited warranty
- Available with Type IV/Forward Throw Option

FEATURE:

ORDERING EXAMPLE : WD1360B-L15B-B02-TAM-EMAC

WD1360	FINISH	LUMEN	BEAM SPREAD	DIMMING	LED	OPTIONS
WD1360	W :White	Blank :1000lm (15W)	Blank :Wide Flood	Blank :Non-Dimming (120V)	Blank :4000K	Blank :None
	S :Silver	-L15 :1500lm (22W)	-B02 :2° Pencil Beam	UE-DUN :UniDim™(120V/277V)	-T17 :1700K*	-EMAC :Emergency
	BZ :Basic Bronze	-L20 :2200lm (22W)	-B10 :Narrow Spot		-T25 :2500K*	-SDL :Daylight Sensor*
	B :Black	-L26 :2600lm (30W)	-B20 :Spot		-T27 :2700K	-LVR :Hex-Cell Louver*
	LS :Light Silver*		-B45 :Flood		-T27-C97 :2700K, 97CRI*	-JB :Integral Junction Box 1-Outlet
	DG :Dark Grey*		-BIV :Type IV (Forward Throw)		-T30 :3000K	-JB2 :Integral Junction Box 2-Outlet
	MG :Metallic Gold*				-T30-C97 :3000K, 97CRI*	
	MB :Metallic Black*				-T35 :3500K	
					-T50 :5000K	
					-T56 :5600K	
					-TAM :590nm AMBER*	

*Special order finish. Minimum order, extended lead time may apply. Consult factory.

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

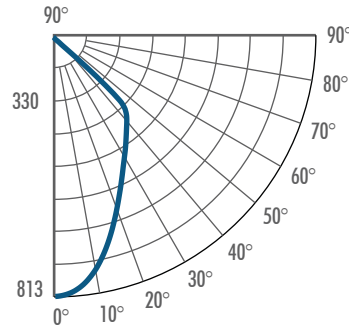
System Power	: 15.0 W
Test Date	: 9/2016
Beam Angle 50%	: 70.4°
Field Angle 10%	: 100.2°
Color Temperature	: 3930K
CRI	: 83.8
R9 Value	: 20.0
Lumens Delivered	: 1031lm
CBCP	: 813cd
Power Factor	: 0.99

Multipliers	
5600K	1.42
5000K	1.27
3500K	0.89
3000K	0.76
2700K	0.69
2500K	0.64
1700K	0.42

Lumen Multipliers	
2600lm	2.43

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

CANDELA TABULATION



WD1360 - PHOTOMETRY

6" Round 1-Direction Wall Mount

LUMEN PACKAGE :

1000lm

1500lm

2200lm

2600lm

SYSTEM POWER :

15W

22W

22W

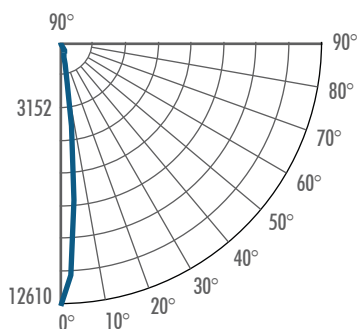
30W

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	
5600K	1.40
5000K	1.25
3500K	0.87
3000K	0.75
2700K	0.67
2500K	0.62
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

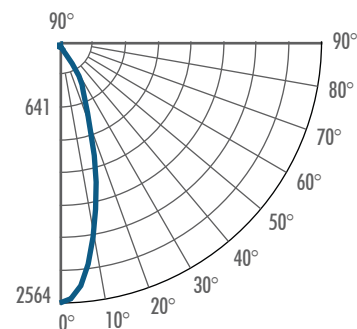
Height	Beam Diameter	FC
10.0'	2.0'	126.1
20.0'	4.1'	31.5
30.0'	6.1'	14.0
40.0'	8.2'	7.9
50.0'	10.2'	5.0

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	
5600K	1.40
5000K	1.25
3500K	0.87
3000K	0.75
2700K	0.67
2500K	0.62
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

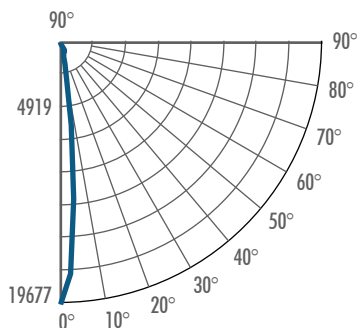
Height	Beam Diameter	FC
8.0'	4.6'	40.1
12.0'	7.0'	17.8
16.0'	9.3'	10.0
20.0'	11.6'	6.4
25.0'	14.5'	4.1

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	
5600K	1.40
5000K	1.25
3500K	0.87
3000K	0.75
2700K	0.67
2500K	0.62
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

WD1360 - PHOTOMETRY

6" Round 1-Direction Wall Mount

LUMEN PACKAGE :

1000lm

1500lm

2200lm

2600lm

SYSTEM POWER :

15W

22W

22W

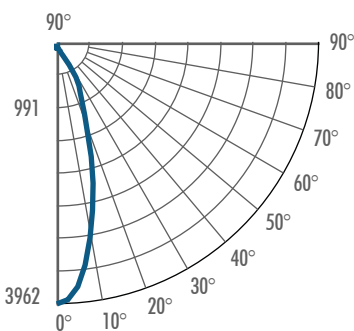
30W

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	
5600K	1.40
5000K	1.25
3500K	0.87
3000K	0.75
2700K	0.67
2500K	0.62
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

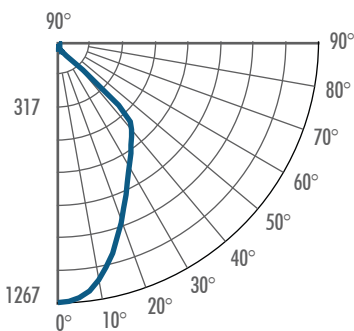
Height	Beam Diameter	FC
8.0'	4.6'	60.1
15.0'	8.7'	17.1
20.0'	11.6'	9.6
25.0'	14.5'	6.2
30.0'	17.4'	4.3

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	
5600K	1.42
5000K	1.25
3500K	0.89
3000K	0.76
2700K	0.69
2500K	0.64
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

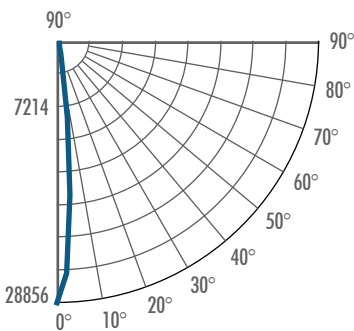
Height	Beam Diameter	FC
10.0'	14.1'	12.2
12.0'	16.9'	8.5
14.0'	19.8'	6.2
16.0'	22.6'	4.8
18.0'	25.4'	3.8

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	
5600K	1.40
5000K	1.25
3500K	0.87
3000K	0.75
2700K	0.67
2500K	0.62
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

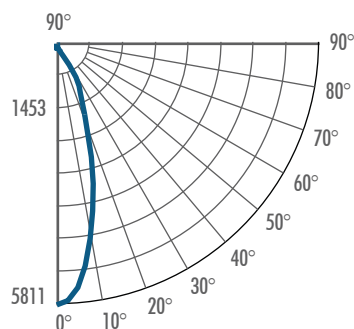
30W

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	
5600K	1.40
5000K	1.25
3500K	0.87
3000K	0.75
2700K	0.67
2500K	0.62
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

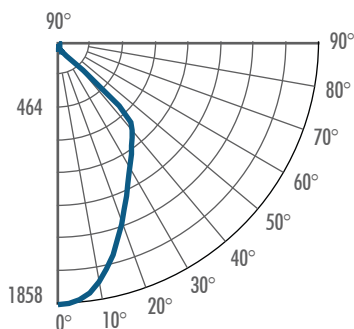
Height	Beam Diameter	FC
10.0'	5.8'	56.4
20.0'	11.6'	14.1
30.0'	17.4'	6.3
35.0'	20.3'	4.6
40.0'	23.2'	3.5

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	
5600K	1.42
5000K	1.25
3500K	0.89
3000K	0.76
2700K	0.69
2500K	0.64
1700K	0.43
Lumen Multipliers	
2600lm	1.15
CRI	
80CRI (Blank)	: 0.95
90CRI (-C90)	: 1.07
97CRI (-C97)	: 1.16

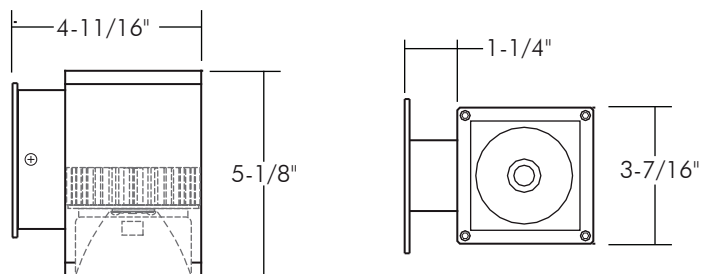
CANDELA TABULATION



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

WD1Q340 - 4" SQUARE 1-DIRECTION WALL MOUNT (IP65) - 850LM/1300LM SURFACE 1-DIRECTION WALL MOUNT



SPECIFICATION

Application: This WD1 Series directional Wall luminaire can be used in both interior and outdoor settings and can be pointed up or down. Typical locations are in commercial and retail spaces that contain walls and/or columns that require directional lighting. Can be used as downlight for direct illumination or an uplights for indirect illumination of architecture facades.

Housing: Constructed from a square two piece high grade aluminum extrusion with a rectangular extrusion arm, end cap, faceplate and a mounting plate with a powder coat finish. Includes LED, optics and LED driver. Mounting plate is secured to arm with four (4) flat head phillips stainless steel screws. Mounting plate installs onto an electrical junction box.

Mounting: Fixture includes a mounting bracket for installation directly to a 4" octagonal electrical junction-box.

Faceplate: Square one piece die cast aluminum with powder coat finish, clear tempered glass lens, and silicone o-ring. Faceplate is secured to the housing by four (4) tamper resistant, stainless steel screws.

Reflector Construction: One piece, heavy-gauge aluminum reflector prevents ugly dents during shipping and installation. Deeply mounted singular LED provides 50 degree visual cutoff for a glare-free appearance.

Lumen Maintenance: Minimum 50,000 hours L70 life based on ANSI TM-21 calculations from LM80 standardized test results. See ordering guide for delivered lumens.

Dimming: (-DUN) option is a universal dimming system that works with most 3-Wire ELV, 2-Wire Incandescent and 5-Wire 0-10V fluorescent dimmers.

Electrical: AC 50/60Hz Electronic Direct Current Class 2 driver integrally mounted. Power Factor > 0.90. For cold weather applications (-22°C and above) use -DUN driver option.

Emergency Options: Emergency LED Battery Back-up available, remotely mounted adjacent to housing by installer. When AC power fails, the device immediately switches to the emergency mode, operating the LEDs for a minimum of 90 minutes. Remote test switch, plate cover and junction box included.

Caution: LITON recommends use of surge protectors on the power entering LED Housings. Surge damage is not covered by warranty.

Warranty: Covered by a 5 Year Warranty to be free of defects in materials and craftsmanship. Fixture should not be installed in applications with ambient temperature above 60 degrees C. Doing so will result in reduced lamp life and voided warranty.

Note: Dark Sky compliant when fixture is pointing downward.

Listing: ETL / cETL Listed. Suitable for wet location. Assembled in USA. (IP65).

Finish: A 7-stage electrostatic, polymer process provides a finish that delivers outstanding durability, superior anti-aging, resistance to corrosion and UV-degradation Standard finishes are White, Silver, Basic Bronze, Black. Special order finishes are Light Silver, Dark Grey, Metallic Gold and Metallic Black.

Beam Spread: Available in Wide Flood, 2° Pencil, Narrow Spot, Spot and Flood.

LED: Energy efficient Chip-On-Board (COB) Singular LED Light Source provides for smooth uniform light output, eliminating the multiple shadow effect seen by multiple LED Source products. Binned with 4-step MacAdam ellipses as recommended by ANSI Standard. Available in 4000K, 1700K*, 2500K*, 2700K, 2700K, 97CRI*, 3000K, 3000K, 97CRI*, 3500K, 5000K and 5600K.

Benefit:

- Uniform, low glare illumination
- Durable, corrosion resistant finish
- Emergency back up available
- Singular COB Light Source
- 5 year limited warranty

FEATURE:

ORDERING EXAMPLE : WD1Q340W-L13-B02UE-DUN-T17-LVR

WD1Q340	FINISH	LUMEN	BEAM SPREAD	DIMMING	LED	OPTIONS
WD1Q340	W :White	Blank :850lm (15W)	Blank :Wide Flood	Blank :Non-Dimming (120V)	Blank :4000K	Blank :None
	S :Silver	-L13 :1300lm (22W)	-B02 :2° Pencil	UE-DUN :UniDim™ (120V/277V)	-T17 :1700K*	-EMAC :Emergency
	BZ :Basic Bronze		-B10 :Narrow Spot		-T25 :2500K*	-LVR :Hex-Cell Louver*
	B :Black		-B20 :Spot		-T27 :2700K	
	LS :Light Silver*		-B45 :Flood		-T27-C97 :2700K, 97CRI*	
	DG :Dark Grey*				-T30 :3000K	
	MG :Metallic Gold*				-T30-C97 :3000K, 97CRI*	
	MB :Metallic Black*				-T35 :3500K	
					-T50 :5000K	
					-T56 :5600K	

*Special order finish. Minimum order, extended lead time may apply. Consult factory.

WD1Q340 - PHOTOMETRY

4" Square 1-Direction Wall Mount

LUMEN PACKAGE :

850lm

1300lm

SYSTEM POWER :

15W

22W

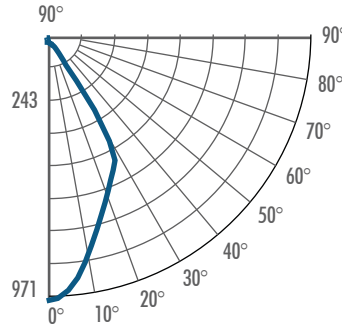
WD1Q340BUE-DUN - 850lm - Wide Flood - 4000K

CANDELA TABULATION

FOOTCANDLE DISTRIBUTION

System Power	: 14.5W
Test Date	: 11/15/2017
Beam Angle 50%	: 62.7°
Field Angle 10%	: 83.4°
Color Temperature	: 3997K
CRI	: 85.4
R9 Value	: 28.5
Lumens Delivered	: 863lm
CBCP	: 971cd
Power Factor	: 0.98

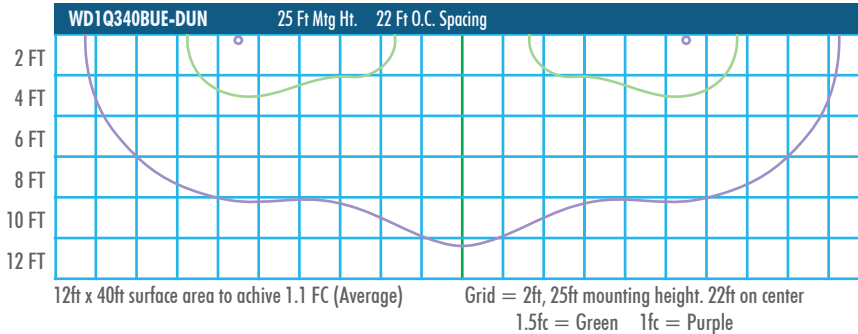
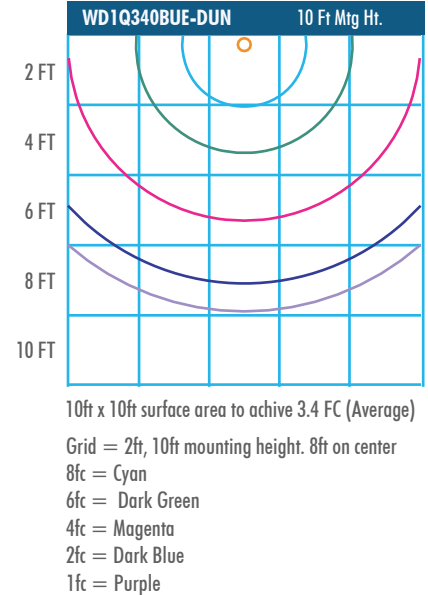
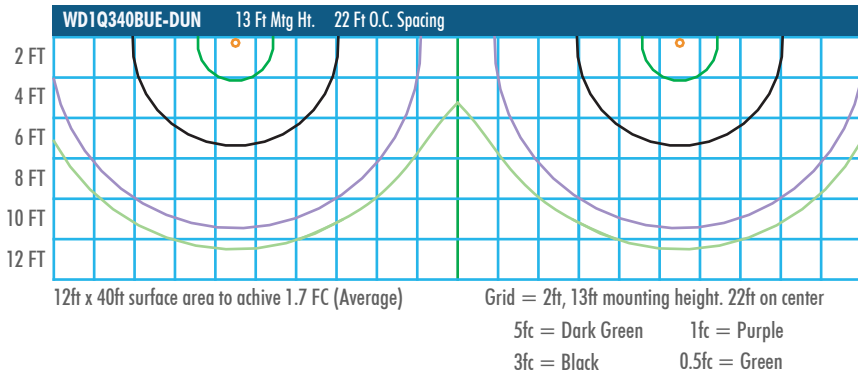
Multipliers	
5600K	1.40
5000K	1.25
3500K	0.87
3000K	0.75
2700K	0.67
2500K	0.62
1700K	0.42
CRI	
80CRI (Blank)	: 0.94
90CRI (-C90)	: 1.05
97CRI (-C97)	: 1.14



Height	Beam Diameter	FC
8.0'	9.7'	15.2
12.0'	14.6'	6.7
14.0'	17.1'	5.0
16.0'	19.5'	3.8
18.0'	21.9'	3.0

ISO FOOTCANDLE PLOTS - Two Fixture

ISO FOOTCANDLE PLOTS - Single Fixture



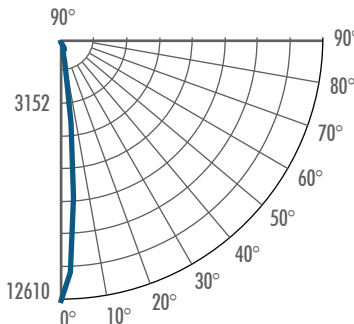
WD1Q340B-B10UE-DUN - 850lm - Narrow Spot - 4000K

CANDELA TABULATION

FOOTCANDLE DISTRIBUTION

System Power	: 14.5W
Test Date	: 11/15/2017
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	
5600K	1.37
5000K	1.23
3500K	0.86
3000K	0.73
2700K	0.66
2500K	0.61
1700K	0.42
CRI	
80CRI (Blank)	: 0.94
90CRI (-C90)	: 1.05
97CRI (-C97)	: 1.14



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

WD1Q340 - PHOTOMETRY

4" Square 1-Direction Wall Mount

LUMEN PACKAGE :

850lm

1300lm

SYSTEM POWER :

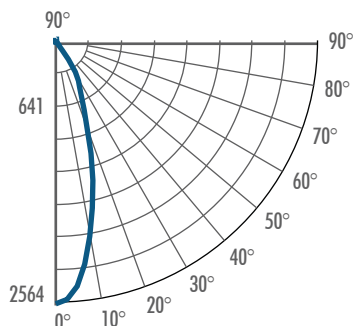
15W

22W

WD1Q340B-B45UE-DUN - 850lm - Flood - 4000K

System Power	: 14.5W	Multipliers	
Test Date	: 11/15/2017	5600K	1.37
Beam Angle 50%	: 32.4°	5000K	1.22
Field Angle 10%	: 68.7°	3500K	0.85
Color Temperature	: 4016K	3000K	0.73
CRI	: 85.4	2700K	0.66
R9 Value	: 28.4	2500K	0.61
Lumens Delivered	: 1068lm	1700K	0.42
CBCP	: 2564cd	CRI	
Power Factor	: 0.98	80CRI (Blank)	: 0.94
		90CRI (-C90)	: 1.05
		97CRI (-C97)	: 1.14

CANDELA TABULATION



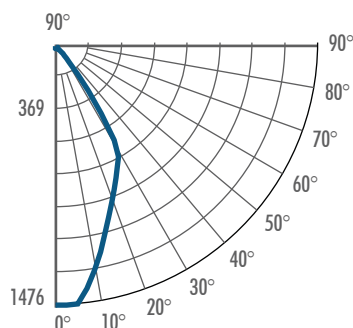
FOOTCANDLE DISTRIBUTION

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

WD1Q340B-L13UE-DUN - 1300lm - Wide Flood - 4000K

System Power	: 20.1W	Multipliers	
Test Date	: 11/15/2017	5600K	1.38
Beam Angle 50%	: 58.5°	5000K	1.23
Field Angle 10%	: 82.7°	3500K	0.86
Color Temperature	: 4061K	3000K	0.74
CRI	: 85.4	2700K	0.66
R9 Value	: 24.8	2500K	0.62
Lumens Delivered	: 1229lm	1700K	0.42
CBCP	: 1460cd	CRI	
Power Factor	: 1.00	80CRI (Blank)	: 0.94
		90CRI (-C90)	: 1.05
		97CRI (-C97)	: 1.14

CANDELA TABULATION



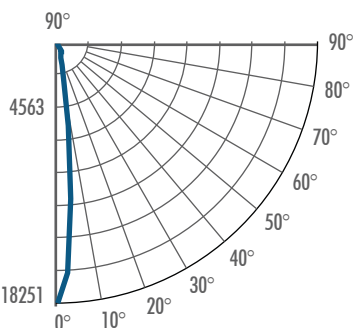
FOOTCANDLE DISTRIBUTION

Height	Beam Diameter	FC
8.0'	9.0'	22.8
12.0'	13.4'	10.1
14.0'	15.7'	7.4
16.0'	17.9'	5.7
18.0'	20.2'	4.5

WD1Q340B-L13-B10UE-DUN - 1300lm - Narrow Spot - 4000K

System Power	: 20.1W	Multipliers	
Test Date	: 11/15/2017	5600K	1.37
Beam Angle 50%	: 11.7°	5000K	1.23
Field Angle 10%	: 23.4°	3500K	0.86
Color Temperature	: 4076K	3000K	0.73
CRI	: 85.4	2700K	0.66
R9 Value	: 28.7	2500K	0.61
Lumens Delivered	: 1500lm	1700K	0.42
CBCP	: 17542cd	CRI	
Power Factor	: 1.00	80CRI (Blank)	: 0.94
		90CRI (-C90)	: 1.05
		97CRI (-C97)	: 1.14

CANDELA TABULATION



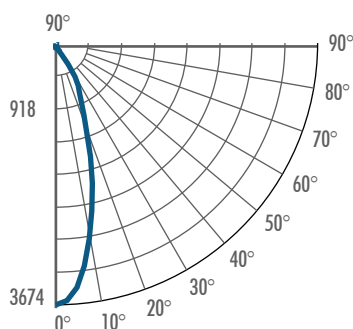
FOOTCANDLE DISTRIBUTION

Height	Beam Diameter	FC
8.0'	1.6'	274.1
10.0'	2.0'	175.4
20.0'	4.1'	43.9
40.0'	8.2'	11.0
60.0'	12.3'	4.9

WD1Q340B-L13-B45UE-DUN - 1300lm - Flood - 4000K

System Power	: 20.1W	Multipliers	
Test Date	: 11/15/2017	5600K	1.37
Beam Angle 50%	: 32.4°	5000K	1.22
Field Angle 10%	: 68.7°	3500K	0.85
Color Temperature	: 4080K	3000K	0.73
CRI	: 85.4	2700K	0.66
R9 Value	: 28.4	2500K	0.61
Lumens Delivered	: 1485lm	1700K	0.42
CBCP	: 3565cd	CRI	
Power Factor	: 1.00	80CRI (Blank)	: 0.94
		90CRI (-C90)	: 1.05
		97CRI (-C97)	: 1.14

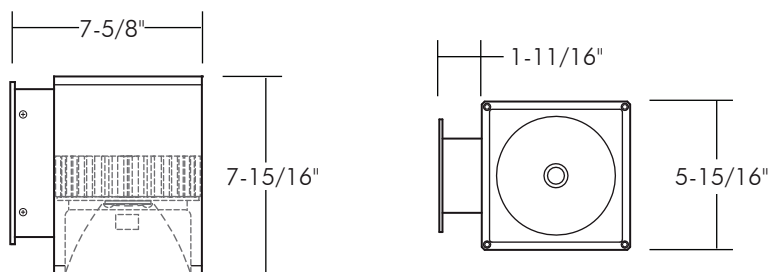
CANDELA TABULATION



FOOTCANDLE DISTRIBUTION

Height	Beam Diameter	FC
8.0'	4.6'	55.7
12.0'	7.0'	24.8
16.0'	9.3'	13.9
20.0'	11.6'	8.9
25.0'	14.5'	5.7

WD1Q360 - 6" SQUARE 1-DIRECTION WALL MOUNT (IP65) - 1000LM/1500LM/2200LM/2600LM SURFACE 1-DIRECTION WALL MOUNT



SPECIFICATION

Application: This WD1 Series directional Wall luminaire can be used in both interior and outdoor settings and can be pointed up or down. Typical locations are in commercial and retail spaces that contain walls and/or columns that require directional lighting. Can be used as downlight for direct illumination or an uplights for indirect illumination of architecture facades.

Housing: Constructed from a square two piece high grade aluminum extrusion with a rectangular extrusion arm, end cap, faceplate and a mounting plate with a powder coat finish. Includes LED, optics and LED driver. Mounting plate is secured to arm with four (4) flat head phillips stainless steel screws. Mounting plate installs onto an electrical junction box.

Mounting: Fixture includes a mounting bracket for installation directly to a 4" octagonal electrical junction-box.

Faceplate: Square one piece die cast aluminum with powder coat finish, clear tempered glass lens, and silicone o-ring. Faceplate is secured to the housing by four (4) tamper resistant, stainless steel screws.

Reflector Construction: One piece, heavy-gauge aluminum reflector prevents ugly dents during shipping and installation. Deeply mounted singular LED provides 50 degree visual cutoff for a glare-free appearance.

Lumen Maintenance: Minimum 50,000 hours L70 life based on ANSI TM-21 calculations from LM80 standardized test results. See ordering guide for delivered lumens.

Dimming: (-DUN) option is a universal dimming system that works with most 3-Wire ELV, 2-Wire Incandescent and 5-Wire 0-10V fluorescent dimmers.

Electrical: AC 50/60Hz Electronic Direct Current Class 2 driver integrally mounted. Power Factor > 0.90. For cold weather applications (-22°C and above) use -DUN driver option.

Emergency Options: Emergency LED Battery Back-up available, remotely mounted adjacent to housing by installer. When AC power fails, the device immediately switches to the emergency mode, operating the LEDs for a minimum of 90 minutes. Remote test switch, plate cover and junction box included.

Caution: LITON recommends use of surge protectors on the power entering LED Housings. Surge damage is not covered by warranty.

Optional: Integral Surface Mounted Junction Box – The surface mounted, weatherproof junction box provides a clean finished look in situations where a recessed junction box is not an option. This feature includes four (4) conduit ports along with two (2) closure plugs.

Warranty: Covered by a 5 Year Warranty to be free of defects in materials and craftsmanship. Fixture should not be installed in applications with ambient temperature above 60 degrees C. Doing so will result in reduced lamp life and voided warranty.

Note: Dark Sky compliant when fixture is pointing downward.

Listing: ETL / cETL Listed. Suitable for wet location. Assembled in USA. (IP65).

Finish: A 7-stage electrostatic, polymer process provides a finish that delivers outstanding durability, superior anti-aging, resistance to corrosion and UV-degradation. Standard finishes are White, Silver, Basic Bronze, Black. Special order finishes are Light Silver, Dark Grey, Metallic Gold and Metallic Black.

Beam Spread: Available in Wide Flood, 2° Pencil, Narrow Spot, Spot, Flood and Type IV (Forward Throw).

LED: Energy efficient Chip-On-Board (COB) Singular LED Light Source provides for smooth uniform light output, eliminating the multiple shadow effect seen by multiple LED Source products. Binned with 4-step MacAdam ellipses as recommended by ANSI Standard. Available in 4000K, 1700K*, 2500K*, 2700K, 2700K, 97CRI*, 3000K, 3000K, 97CRI*, 3500K, 5000K, 5600K and 590nm AMBER*.

- Benefit:**
- Daylight Sensor available
 - Uniform, low glare illumination
 - Durable, corrosion resistant finish
 - Emergency back up available
 - Singular COB Light Source
 - 5 year limited warranty
 - Available with Type IV/Forward Throw Option

FEATURE:

ORDERING EXAMPLE : WD1Q360B-L15-B02-UE-DUN-T17-EMAC

WD1Q360	FINISH	LUMEN	BEAM SPREAD	DIMMING	LED
WD1Q360	W :White	Blank :1000lm (15W)	Blank :Wide Flood	Blank :Non-Dimming (120V)	Blank :4000K
	S :Silver	-L15 :1500lm (22W)	-B02 :2° Pencil	UE-DUN :UniDim™ (120V/277V)	-T17 :1700K*
	BZ :Basic Bronze	-L20 :2200lm (22W)	-B10 :Narrow Spot		-T25 :2500K*
	B :Black	-L26 :2600lm (30W)	-B20 :Spot		-T27 :2700K
	LS :Light Silver*		-B45 :Flood		-T27-C97 :2700K, 97CRI*
	DG :Dark Grey*		-BIV :Type IV (Forward Throw)		-T30 :3000K
	MG :Metallic Gold*				-T30-C97 :3000K, 97CRI*
	MB :Metallic Black*				-T35 :3500K
					-T50 :5000K
					-T56 :5600K
					-TAM :590nm AMBER*

OPTIONS

- Blank :None
-EMAC :Emergency
-SDL :Daylight Sensor*
-LVR :Hex-Cell Louver*
-JB :Integral Junction Box 1-Outlet
-JB2 :Integral Junction Box 2-Outlet

*Special order finish. Minimum order, extended lead time may apply. Consult factory.

WD1Q360 - PHOTOMETRY

6" Square 1-Direction Wall Mount

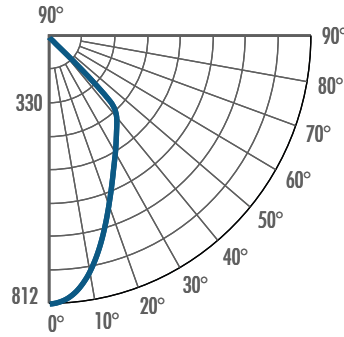
LUMEN PACKAGE :	1000lm	1500lm	2200lm	2600lm
SYSTEM POWER :	15W	22W	22W	30W

WD1Q360WUE-DUN - 1000lm - Wide Flood - 4000K

CANDELA TABULATION

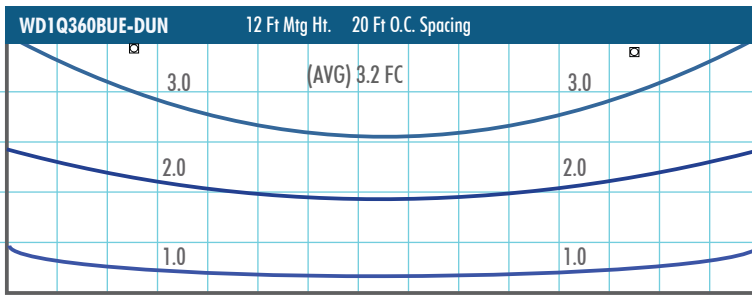
FOOTCANDLE DISTRIBUTION

System Power	: 15.0W	Multipliers	
Test Date	: 9/2016	5600K	1.42
Beam Angle 50%	: 70.4°	5000K	1.27
Field Angle 10%	: 100.2°	3500K	0.89
Color Temperature	: 3930K	3000K	0.76
CRI	: 83.8	2700K	0.69
R9 Value	: 20.7	2500K	0.64
Lumens Delivered	: 1069lm	1700K	0.42
CBCP	: 812cd	Lumen Multipliers	
Power Factor	: 0.99	1500lm	1.40
		2200lm	2.06
		2600lm	2.43
		CRI	
		80CRI (Blank)	: 0.95
		90CRI (-C90)	: 1.07
		97CRI (-C97)	: 1.16

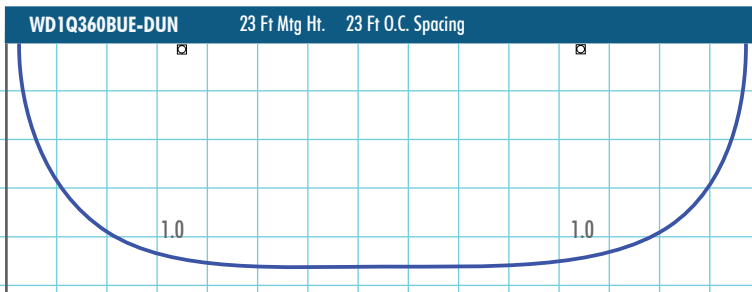


Height	Beam Diameter	FC
8.0'	11.3'	12.7
10.0'	14.1'	8.1
12.0'	16.9'	5.6
14.0'	19.8'	4.1
16.0'	22.6'	3.2

ISO FOOTCANDLE PLOTS - Two Fixture

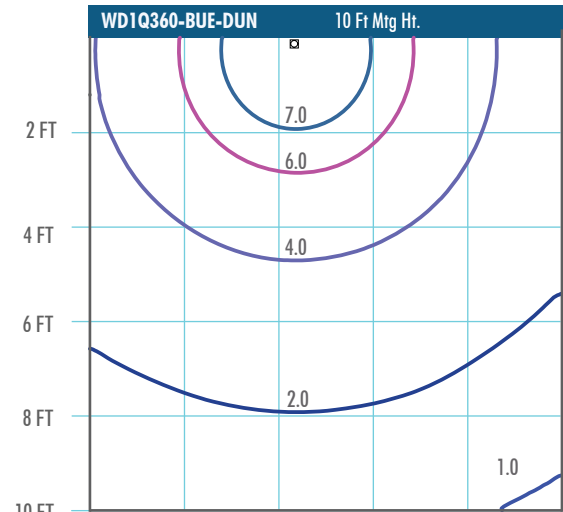


1 Grid = 2 FT
30 FT x 10 FT Surface Area to achieve (Avg) 2.3 FC
49% Reflectance Value on Wall
10% Reflectance Value on Surface



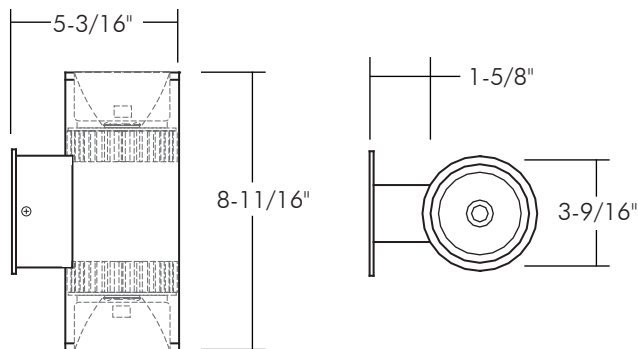
1 Grid = 2 FT
30 FT x 10 FT Surface Area to achieve (Avg) 1 FC
49% Reflectance Value on Wall
10% Reflectance Value on Surface

ISO FOOTCANDLE PLOTS - Single Fixture



1 Grid = 2 FT
10 FT x 10 FT Surface Area to achieve (Avg) 3.4 FC
49% Reflectance Value on Wall
10% Reflectance Value on Surface

WD2340 - 4" ROUND 2-DIRECTION WALL MOUNT (IP64) - 2 X 1000LM/1500LM SURFACE 2-DIRECTION WALL MOUNT



SPECIFICATION

Application: This WD2 Series Double directional wall luminaire can be used in both interior and outdoor settings. Typical locations are in commercial and retail spaces that contain walls and/or columns that require directional lighting. Dual reflector design allows for direct and indirect lighting for a single fixture.

Energy efficient Chip-On-Board (COB) Singular LED Light Source provides for smooth uniform light output, eliminating the multiple shadow effect seen by multiple LED Source products. Binned with 4-step MacAdam ellipses as recommended by ANSI Standard.

Housing: Constructed from a square one piece high grade aluminum extrusion with a rectangular extrusion arm, two (2) faceplates and a mounting plate with a powder coat finish. Includes COB LED, reflector and LED driver. Mounting plate is secured to arm with four (4) flat head phillips stainless steel screws. Mounting plate installs onto an electrical junction box. Consult factory for junction box mounting sizes.

Mounting: Fixture includes a mounting bracket for installation directly to a 4" octagonal electrical junction-box.

Faceplate: Square one piece die cast aluminum with powder coat finish, clear tempered glass lens, and silicone gasket. Faceplate is secured to the housing by four (4) tamper resistant, stainless steel screws.

Reflector Construction: One piece, heavy-gauge aluminum reflector prevents ugly dents during shipping and installation. Deeply mounted singular LED provides 50 degree visual cutoff for a glare-free appearance.

Lumen Maintenance: Minimum 50,000 hours L70 life based on ANSI TM-21 calculations from LM80 standardized test results. See ordering guide for delivered lumens.

Dimming: (-DUN) option is a universal dimming system that works with most 3-Wire ELV, 2-Wire Incandescent and 5-Wire 0-10V fluorescent dimmers.

Electrical: AC 50/60Hz Electronic Direct Current Class 2 driver integrally mounted. Power Factor > 0.90. For cold weather applications (-22°C and above) use -DUN driver option.

Emergency Options: Emergency LED Battery Back-up available, remotely mounted adjacent to housing by installer. When AC power fails, the device immediately switches to the emergency mode, operating the LEDs for a minimum of 90 minutes. Remote test switch, plate cover and junction box included.

Caution: LITON recommends use of surge protectors on the power entering LED Housings. Surge damage is not covered by warranty.

Warranty: Covered by a 5 Year Warranty to be free of defects in materials and craftsmanship. Fixture should not be installed in applications with ambient temperature above 60 degrees C. Doing so will result in reduced lamp life and voided warranty.

Listing: ETL / cETL Listed. Suitable for wet location. Assembled in USA. (IP65).

Finish: A 7-stage electrostatic, polymer process provides a finish that delivers outstanding durability, superior anti-aging, resistance to corrosion and UV-degradation Standard finishes are White, Silver, Basic Bronze, Black. Special order finishes are Light Silver, Dark Grey, Metallic Gold and Metallic Black.

Beam (Down): Available in Wide Flood, Narrow Spot, Spot and Flood.

Beam (Up): Available in Wide Flood, 2° Pencil Beam, Narrow Spot, Spot and Flood.

- Benefit:**
- Uniform, low glare illumination
 - Durable, corrosion resistant finish
 - Emergency back up available
 - Singular COB Light Source
 - 5 year limited warranty

FEATURE:

ORDERING EXAMPLE : WD2340B-L15-BD10-BU02-UE-DUN-T17

WD2340	FINISH	LUMEN	BEAM (DOWN)	BEAM (UP)	DIMMING	LED
WD2340	W :White	Blank :2x1000lm (30W)	Blank :Wide Flood	Blank :Wide Flood	Blank :Non-Dimming (120V)	Blank :4000K
	S :Silver	-L15 :2x1500lm (45W)	-BD02:2° Pencil Beam	-BU02:2° Pencil Beam	UE-DUN:UniDim™(120V/277V)	-T17 :1700K*
	BZ :Basic Bronze		-BD10:Narrow Spot	-BU10:Narrow Spot		-T25 :2500K*
	B :Black		-BD20:Spot	-BU20:Spot		-T27 :2700K
	LS :Light Silver*		-BD45:Flood	-BU45:Flood		-T27-C97 :2700K, 97CRI*
	DG :Dark Grey*					-T30 :3000K
	MG :Metallic Gold*					-T30-C97 :3000K, 97CRI*
	MB :Metallic Black*					-T35 :3500K
						-T50 :5000K
						-T56 :5600K

*Special order finish. Minimum order, extended lead time may apply. Consult factory.
Emergency Back Up available. Consult Factory.

WD2340 - PHOTOMETRY

4" Round 2-Direction Wall Mount

LUMEN PACKAGE :

2 x 1000lm

2 x 1500lm

SYSTEM POWER :

30W

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

Multipliers

5600K	1.43
5000K	1.28
3500K	0.90
3000K	0.77
2700K	0.70
2500K	0.64
1700K	0.437

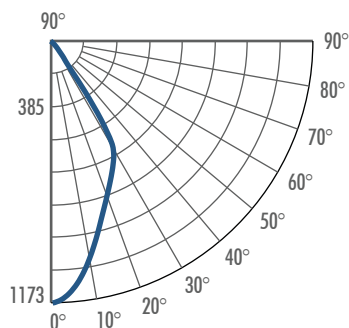
Lumen Multipliers

2 x 1500lm	1.48
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CRI

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

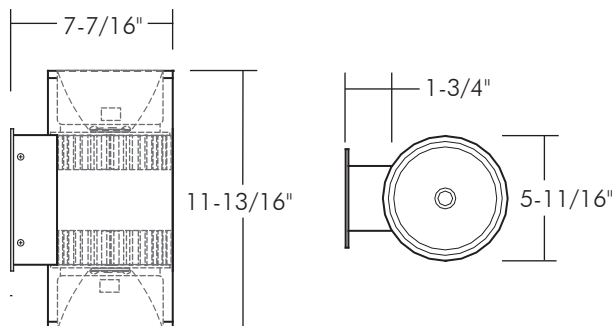
CANDELA TABULATION



FOOTCANDLE DISTRIBUTION

Height	Beam Diameter	FC
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

WD2360 - 6" ROUND 2-DIRECTION WALL MOUNT (IP65) - 2 X 1000LM/1500LM/2200LM/2600LM SURFACE 2-DIRECTION WALL MOUNT



SPECIFICATION

Application: This WD2 Series Double directional wall luminaire can be used in both interior and outdoor settings. Typical locations are in commercial and retail spaces that contain walls and/or columns that require directional lighting. Dual reflector design allows for direct and indirect lighting for a single fixture.

Energy efficient Chip-On-Board (COB) Singular LED Light Source provides for smooth uniform light output, eliminating the multiple shadow effect seen by multiple LED Source products. Binned with 4-step MacAdam ellipses as recommended by ANSI Standard.

Housing: Constructed from a round one piece high grade aluminum extrusion with a rectangular extrusion arm, two (2) faceplates and a mounting plate with a powder coat finish. Includes COB LED, reflector and LED driver. Mounting plate is secured to arm with four (4) flat head phillips stainless steel screws. Mounting plate installs onto an electrical junction box. Consult factory for junction box mounting sizes.

Mounting: Fixture includes a mounting bracket for installation directly to a 4" octagonal electrical junction-box.

Faceplate: Round one piece extruded aluminum with powder coat finish, clear tempered glass lens, and silicone o-ring. Faceplate is secured to the housing by threads.

Reflector Construction: One piece, heavy-gauge aluminum reflector prevents ugly dents during shipping and installation. Deeply mounted singular LED provides 50 degree visual cutoff for a glare-free appearance.

Lumen Maintenance: Minimum 50,000 hours L70 life based on ANSI TM-21 calculations from LM80 standardized test results. See ordering guide for delivered lumens.

Dimming: (-DUN) option is a universal dimming system that works with most 3-Wire ELV, 2-Wire Incandescent and 5-Wire 0-10V fluorescent dimmers.

Electrical: AC 50/60Hz Electronic Direct Current Class 2 driver integrally mounted. Power Factor > 0.90. For cold weather applications (-22°C and above) use -DUN driver option.

Emergency Options: Emergency LED Battery Back-up available, remotely mounted adjacent to housing by installer. When AC power fails, the device immediately switches to the emergency mode, operating the LEDs for a minimum of 90 minutes. Remote test switch, plate cover and junction box included.

Caution: LITON recommends use of surge protectors on the power entering LED Housings. Surge damage is not covered by warranty.

Warranty: Covered by a 5 Year Warranty to be free of defects in materials and craftsmanship. Fixture should not be installed in applications with ambient temperature above 60 degrees C. Doing so will result in reduced lamp life and voided warranty.

Listing: ETL / cETL Listed. Suitable for wet location. Assembled in USA. (IP65).

Finish: A 7-stage electrostatic, polymer process provides a finish that delivers outstanding durability, superior anti-aging, resistance to corrosion and UV-degradation Standard finishes are White, Silver, Basic Bronze, Black. Special order finishes are Light Silver, Dark Grey, Metallic Gold and Metallic Black.

Beam (Down): Available in Wide Flood, Narrow Spot, Spot and Flood.

Beam (Up): Available in Wide Flood, 2° Pencil Beam, Narrow Spot, Spot and Flood.

Benefit:

- Daylight Sensor available
- Uniform, low glare illumination
- Durable, corrosion resistant finish
- Emergency back up available
- Singular COB Light Source
- 5 year limited warranty

FEATURE:

ORDERING EXAMPLE : WD2360B-T27

WD2360	FINISH	LUMEN	BEAM (DOWN)	BEAM (UP)	DIMMING	LED
WD2360	W :White	Blank :2x1000lm (30W)	Blank :Wide Flood	Blank :Wide Flood	Blank :Non-Dimming	Blank :4000K
	S :Silver	-L15 :2x1500lm (45W)	-BD10:Narrow Spot	-BU02:2° Pencil Beam	UE-DUN:UniDim™ (120V/277V)	-T17 :1700K*
	BZ :Basic Bronze	-L20 :2x2200lm (45W)	-BD20:Spot	-BU10:Narrow Spot		-T25 :2500K*
	B :Black	-L26 :2x2600lm (64W)	-BD45:Flood	-BU20:Spot		-T27 :2700K
	LS :Light Silver*			-BU45:Flood		-T27-C97 :2700K, 97CRI*
	DG :Dark Grey*					-T30 :3000K
	MG :Metallic Gold*					-T30-C97 :3000K, 97CRI*
	MB :Metallic Black*					-T35 :3500K
						-T50 :5000K
						-T56 :5600K
						-TAM :590nm AMBER*

*Special order finish. Minimum order, extended lead time may apply. Consult factory.
Emergency back up and daylight sensor available. Consult factory.

WD2360 - PHOTOMETRY

6" Round 2-Direction Wall Mount

LUMEN PACKAGE :

2 x 1000lm

2 x 1500lm

2 x 2200lm

2 x 2600lm

SYSTEM POWER :

30W

45W

45W

64W

WD2360BUE-DUN - 2 x 1000lm - Wide Flood - 4000K

System Power	:31.0W
Test Date	:9/2016
Beam Angle 50%	:69.2°
Field Angle 10%	:105.9°
Color Temperature	:3898K
CRI	:83.8
R9 Value	:20.0
Lumens Delivered	:2 x 1034.5lm
CBCP	:829cd
Power Factor	:0.99

Multipliers

5600K	1.44
5000K	1.28
3500K	0.90
3000K	0.77
2700K	0.70
2500K	0.64
1700K	0.44

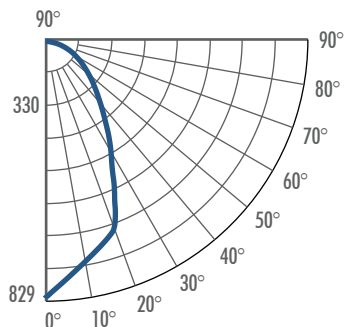
Lumen Multipliers

2 x 1500lm	1.45
2 x 2200lm	2.13
2 x 2600lm	2.51

CRI

80CRI (Blank)	:0.95
90CRI (-C90)	:1.06
97CRI (-C97)	:1.26

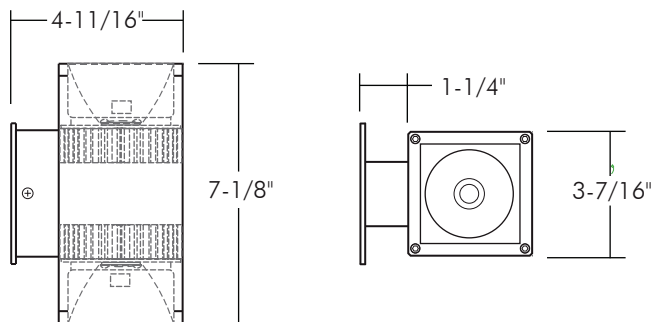
CANDELA TABULATION



FOOTCANDLE DISTRIBUTION

Height	Beam Diameter	FC
8.0'	11.0'	13.0
10.0'	13.8'	8.3
12.0'	16.6'	5.8
14.0'	19.3'	4.2
16.0'	22.1'	3.2

WD2Q340 - 4" SQUARE 2-DIRECTION WALL MOUNT (IP65) - 2 X 850LM/1300LM SURFACE 2-DIRECTION WALL MOUNT



SPECIFICATION

Application: This WD2 Series Double directional wall luminaire can be used in both interior and outdoor settings. Typical locations are in commercial and retail spaces that contain walls and/or columns that require directional lighting. Dual reflector design allows for direct and indirect lighting for a single fixture.

Energy efficient Chip-On-Board (COB) Singular LED Light Source provides for smooth uniform light output, eliminating the multiple shadow effect seen by multiple LED Source products. Binned with 4-step MacAdam ellipses as recommended by ANSI Standard.

Housing: Constructed from a square one piece high grade aluminum extrusion with a rectangular extrusion arm, two (2) faceplates and a mounting plate with a powder coat finish. Includes COB LED, reflector and LED driver. Mounting plate is secured to arm with two (2) flat head phillips stainless steel screws. Mounting plate installs onto an electrical junction box. Consult factory for junction box mounting sizes.

Mounting: Fixture includes a mounting bracket for installation directly to a 4" octagonal electrical junction-box.

Faceplate: Square one piece die cast aluminum with powder coat finish, clear tempered glass lens, and silicone gasket. Faceplate is secured to the housing by four (4) tamper resistant, stainless steel screws.

Reflector Construction: One piece, heavy-gauge aluminum reflector prevents ugly dents during shipping and installation. Deeply mounted singular LED provides 50 degree visual cutoff for a glare-free appearance.

Lumen Maintenance: Minimum 50,000 hours L70 life based on ANSI TM-21 calculations from LM80 standardized test results. See ordering guide for delivered lumens.

Dimming: (-DUN) option is a universal dimming system that works with most 3-Wire ELV, 2-Wire Incandescent and 5-Wire 0-10V fluorescent dimmers.

Electrical: AC 50/60Hz Electronic Direct Current Class 2 driver integrally mounted. Power Factor > 0.90. For cold weather applications (-22°C and above) use -DUN driver option.

Emergency Options: Emergency LED Battery Back-up available, remotely mounted adjacent to housing by installer. When AC power fails, the device immediately switches to the emergency mode, operating the LEDs for a minimum of 90 minutes. Remote test switch, plate cover and junction box included.

Caution: LITON recommends use of surge protectors on the power entering LED Housings. Surge damage is not covered by warranty.

Warranty: Covered by a 5 Year Warranty to be free of defects in materials and craftsmanship. Fixture should not be installed in applications with ambient temperature above 60 degrees C. Doing so will result in reduced lamp life and voided warranty.

Listing: ETL / cETL Listed. Suitable for wet location. Assembled in USA. (IP65).

Finish: A 7-stage electrostatic, polymer process provides a finish that delivers outstanding durability, superior anti-aging, resistance to corrosion and UV-degradation. Standard finishes are White, Silver, Basic Bronze, Black. Special order finishes are Light Silver, Dark Grey, Metallic Gold and Metallic Black*.

Beam (Down): Available in Wide Flood, Narrow Spot, Spot and Flood.

Beam (Up): Available in Wide Flood, 2° Pencil Beam, Narrow Spot, Spot and Flood.

Benefit:

- Uniform, low glare illumination
- Durable, corrosion resistant finish
- Emergency back up available
- Singular COB Light Source
- 5 year limited warranty

FEATURE:

ORDERING EXAMPLE : WD2Q340W-L13-BD10-BU02UE-DUN-T27

WD2Q340	FINISH	LUMEN	BEAM (DOWN)	BEAM (UP)	DIMMING	LED
WD2Q340	W :White	Blank :2x850lm (30W)	Blank :Wide Flood	Blank :Wide Flood	Blank :Non-Dimming (120V)	Blank :4000K
	S :Silver	-L13 :2x1300lm (45W)	-BD10 :Narrow Spot	-BU02 :2° Pencil Beam	UE-DUN :UniDim™ (120V/277V)	-T17 :1700K*
	BZ :Basic Bronze		-BD20 :Spot	-BU10 :Narrow Spot		-T25 :2500K*
	B :Black		-BD45 :Flood	-BU20 :Spot		-T27 :2700K
	LS :Light Silver*			-BU45 :Flood		-T27-C97 :2700K, 97CRI*
	DG :Dark Grey*					-T30 :3000K
	MG :Metallic Gold*					-T30-C97 :3000K, 97CRI*
	MB :Metallic Black*					-T35 :3500K
						-T50 :5000K
						-T56 :5600K

*Special order finish. Minimum order, extended lead time may apply. Consult factory.
Emergency Back Up available. Consult Factory.

WD2Q340 - PHOTOMETRY

4" Square 2-Direction Wall Mount

LUMEN PACKAGE :

2 x 850lm

2 x 1300lm

SYSTEM POWER :

30W

45W

WD2Q340BUE-DUN - 2 x 850lm - 4000K

System Power	:31.1W
Test Date	:9/2016
Beam Angle 50%	:63.4°
Field Angle 10%	:92.1°
Color Temperature	:3957K
CRI	:84.4
R9 Value	:23.0
Lumens Delivered	:2 x 803.5lm
CBCP	:753cd
Power Factor	:0.99

Multipliers

5600K	1.42
5000K	1.26
3500K	0.88
3000K	0.76
2700K	0.68
2500K	0.63
1700K	0.43

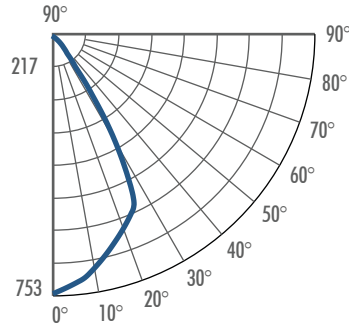
Lumen Multipliers

2 x 1300lm	1.62
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CRI

80CRI (Blank)	:0.95
90CRI (-C90)	:1.07
97CRI (-C97)	:1.15

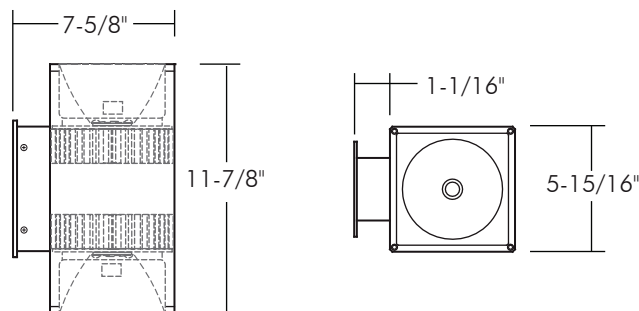
CANDELA TABULATION



FOOTCANDLE DISTRIBUTION

Height	Beam Diameter	FC
6.0'	7.4'	20.9
8.0'	9.9'	11.8
10.0'	12.4'	7.5
12.0'	14.8'	5.2
14.0'	17.3'	3.8

WD2Q360 - 6" SQUARE 2-DIRECTION WALL MOUNT (IP65) - 2 X 1000LM/1500LM/2200LM/2600LM SURFACE 2-DIRECTION WALL MOUNT



SPECIFICATION

Application: This WD2 Series Double directional wall luminaire can be used in both interior and outdoor settings. Typical locations are in commercial and retail spaces that contain walls and/or columns that require directional lighting. Dual reflector design allows for direct and indirect lighting for a single fixture.

Energy efficient Chip-On-Board (COB) Singular LED Light Source provides for smooth uniform light output, eliminating the multiple shadow effect seen by multiple LED Source products. Binned with 4-step MacAdam ellipses as recommended by ANSI Standard.

Housing: Constructed from a square one piece high grade aluminum extrusion with a rectangular extrusion arm, two (2) faceplates and a mounting plate with a powder coat finish. Includes COB LED, reflector and LED driver. Mounting plate is secured to arm with four (4) flat head phillips stainless steel screws. Mounting plate installs onto an electrical junction box. Consult factory for junction box mounting sizes.

Mounting: Fixture includes a mounting bracket for installation directly to a 4" octagonal electrical junction-box.

Faceplate: Square one piece die cast aluminum with powder coat finish, clear tempered glass lens, and silicone gasket. Faceplate is secured to the housing by four (4) tamper resistant, stainless steel screws.

Reflector Construction: One piece, heavy-gauge aluminum reflector prevents ugly dents during shipping and installation. Deeply mounted singular LED provides 50 degree visual cutoff for a glare-free appearance.

Lumen Maintenance: Minimum 50,000 hours L70 life based on ANSI TM-21 calculations from LM80 standardized test results. See ordering guide for delivered lumens.

Dimming: (-DUN) option is a universal dimming system that works with most 3-Wire ELV, 2-Wire Incandescent and 5-Wire 0-10V fluorescent dimmers.

Electrical: AC 50/60Hz Electronic Direct Current Class 2 driver integrally mounted. Power Factor > 0.90. For cold weather applications (-22°C and above) use -DUN driver option.

Emergency Options: Emergency LED Battery Back-up available, remotely mounted adjacent to housing by installer. When AC power fails, the device immediately switches to the emergency mode, operating the LEDs for a minimum of 90 minutes. Remote test switch, plate cover and junction box included.

Optional: Integral Surface Mounted Junction Box – The surface mounted, weatherproof junction box provides a clean finished look in situations where a recessed junction box is not an option. This feature includes four (4) conduit ports along with two (2) closure plugs.

Caution: LITON recommends use of surge protectors on the power entering LED Housings. Surge damage is not covered by warranty.

Warranty: Covered by a 5 Year Warranty to be free of defects in materials and craftsmanship. Fixture should not be installed in applications with ambient temperature above 60 degrees C. Doing so will result in reduced lamp life and voided warranty.

Listing: ETL / cETL Listed. Suitable for wet location. Assembled in USA. (IP65).

Finish: A 7-stage electrostatic, polymer process provides a finish that delivers outstanding durability, superior anti-aging, resistance to corrosion and UV-degradation. Standard finishes are White, Silver, Basic Bronze, Black. Special order finishes are Light Silver, Dark Grey, Metallic Gold and Metallic Black.

Beam (Down): Available in Wide Flood, Narrow Spot, Spot and Flood.

Beam (Up): Available in Wide Flood, 2° Pencil Beam, Narrow Spot, Spot and Flood.

Benefit:

- Daylight Sensor available
- Uniform, low glare illumination
- Durable, corrosion resistant finish
- Emergency back up available
- Singular COB Light Source
- 5 year limited warranty

FEATURE:

ORDERING EXAMPLE : WD2Q360B-L15-BD10-BU02-UE-DUN-T17

WD2Q360	FINISH	LUMEN	BEAM (DOWN)	BEAM (UP)	DIMMING	LED
WD2Q360	W :White	Blank :2x1000lm (30W)	Blank :Wide Flood	Blank :Wide Flood	Blank :Non-Dimming (120V)	Blank :4000K
	S :Silver	-L15 :2x1500lm (45W)	-BD10 :Narrow Spot	-BU02 :2° Pencil Beam	UE-DUN :UniDim™ (120V/277V)	-T17 :1700K*
	BZ :Basic Bronze	-L20 :2x2200lm (45W)	-BD20 :Spot	-BU10 :Narrow Spot		-T25 :2500K*
	B :Black	-L26 :2x2600lm (64W)	-BD45 :Flood	-BU20 :Spot		-T27 :2700K
	LS :Light Silver*			-BU45 :Flood		-T27-C97 :2700K, 97CRI*
	DG :Dark Grey*					-T30 :3000K
	MG :Metallic Gold*					-T30-C97 :3000K, 97CRI*
	MB :Metallic Black*					-T35 :3500K
						-T50 :5000K
						-T56 :5600K
						-TAM :590nm AMBER*

OPTIONS

Blank :None
-JB :Integral Junction Box 1-Outlet
-JB2 :Integral Junction Box 2-Outlet

*Special order finish. Minimum order, extended lead time may apply. Consult factory.
Emergency Back Up and Daylight Sensor available. Consult Factory.

WD2Q360 - PHOTOMETRY

6" SQUARE 2-DIRECTION WALL MOUNT

LUMEN PACKAGE :

1000lm

1500lm

2200lm

2600lm

SYSTEM POWER :

30W

45W

45W

60W

WD2Q360BUE-DUN - 2 x 1000lm - Wide Flood - 4000K

System Power	:31.0W
Test Date	:9/2016
Beam Angle 50%	:69.2°
Field Angle 10%	:105.9°
Color Temperature	:3898K
CRI	:83.8
R9 Value	:20.0
Lumens Delivered	:2 x 1034.5lm
CBCP	:829cd
Power Factor	:0.99

Multipliers

5600K	1.44
5000K	1.28
3500K	0.90
3000K	0.77
2700K	0.70
2500K	0.64
1700K	0.44

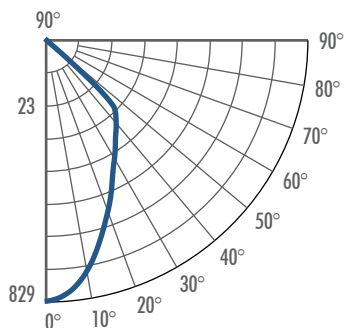
Lumen Multipliers

2 x 1500lm	1.45
2 x 2200lm	2.13
2 x 2600lm	2.51

CRI

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

CANDELA TABULATION



FOOTCANDLE DISTRIBUTION

Height	Beam Diameter	FC
8.0'	11.0'	13.0
10.0'	13.8'	8.3
12.0'	16.6'	5.8
14.0'	19.3'	4.2
16.0'	22.1'	3.2