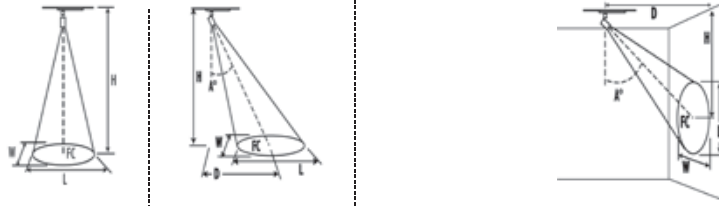


**PHOTOMETRICS**
**APPLICATION DATA:**

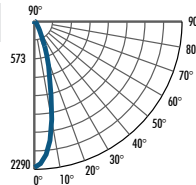
H = Height (Ceiling to ground or wall)  
 W = Beam Width  
 L = Beam Length  
 D = Distance  
 FC = Foot Candles

\*Fixture calculated at aiming point (90°) to horizontal surface.


**Horizontal Angle**
**Vertical Angle (Fixture calculated at aiming point (90°) to horizontal surface)**
**12315-8L-WH-B15-30K - SPOT - 3000K**

System Power	:10.2W
Test Date	:7/2018
Beam Angle 50%	:25.8°
Field Angle 10%	:53.7°
Color Temperature	:2948K
CCCRRIII	:95.2
R9 Value	:67.7
Lumens Delivered	:707.41lm
CCBCCPP	:2290cd
Power Factory	:0.91

No Tilt					Angel A' = 30°					Angel A'' = 30°					Angel A'' = 45°					Angel A'' = 60°				
F	FC	W	L	H	D	FC	W	L	H	D	FC	W	L	H	D	FC	W	L	H	D	FC	W	L	H
4.0'	185	1.6'	1.6'	4.0'	2.0'	122	1.8'	2.2'	2.0'	4.0'	72	1.8'	4.3'	2.0'	2.5'	202	1.3'	1.9'	4.0'	2.8'	93	2.1'	2.5'	
5.0'	112	2.1'	2.1'	5.0'	2.6'	74	2.4'	2.8'	3.0'	5.7'	32	2.7'	6.5'	3.0'	3.5'	90	1.9'	2.9'	5.0'	3.4'	59	2.6'	3.1'	
6.0'	75	2.5'	2.5'	6.0'	3.2'	49	2.9'	3.4'	4.0'	7.4'	18	3.7'	8.7'	4.0'	4.5'	51	2.6'	3.9'	6.0'	3.9'	41	3.2'	3.7'	
7.0'	54	3.0'	3.0'	7.0'	3.7'	35	3.4'	4.0'	5.0'	9.2'	11	4.6'	10.9'	5.0'	5.5'	32	3.2'	4.8'	7.0'	4.5'	30	3.7'	4.4'	
8.0'	40	3.4'	3.4'	8.0'	4.3'	27	4.0'	4.7'	6.0'	10.9'	8	5.5'	13.0'	6.0'	6.5'	22	3.9'	5.8'	8.0'	5.1'	23	4.2'	5.0'	

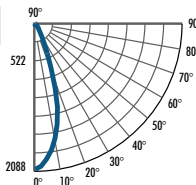
**CANDELA TABULATION**

**CCT Multipliers**

4000K	1.02
3500K	1.01
2700K	0.96

**12315-8L-WH-B25-30K - N.FLOOD - 3000K**

System Power	:10.1W
Test Date	:7/2018
Beam Angle 50%	:33.6°
Field Angle 10%	:55.6°
Color Temperature	:2961K
CCCRRIII	:95.1
R9 Value	:67.5
Lumens Delivered	:773lm
CCBCCPP	:2088cd
Power Factory	:0.91

No Tilt					Angel A' = 30°					Angel A'' = 30°					Angel A'' = 45°					Angel A'' = 60°				
F	FC	W	L	H	D	FC	W	L	H	D	FC	W	L	H	D	FC	W	L	H	D	FC	W	L	H
4.0'	168	2.1'	2.1'	4.0'	2.0'	111	2.4'	2.9'	2.0'	4.0'	65	2.4'	6.6'	2.0'	2.5'	185	1.7'	2.7'	4.0'	2.8'	85	2.8'	3.3'	
5.0'	102	2.7'	2.7'	5.0'	2.6'	67	3.1'	4.6'	3.0'	5.7'	29	3.6'	10.0'	3.0'	3.5'	82	2.6'	4.0'	5.0'	3.4'	54	3.5'	4.2'	
6.0'	69	3.3'	3.3'	6.0'	3.2'	45	3.8'	4.6'	4.0'	7.4'	16	4.8'	13.3'	4.0'	4.5'	46	3.4'	5.3'	6.0'	3.9'	38	4.2'	5.0'	
7.0'	49	3.9'	3.9'	7.0'	3.7'	32	4.5'	5.4'	5.0'	9.2'	10	6.0'	16.6'	5.0'	5.5'	30	4.3'	6.6'	7.0'	4.5'	28	4.9'	5.8'	
8.0'	37	4.5'	4.5'	8.0'	4.3'	24	5.2'	6.2'	6.0'	10.9'	7	7.2'	19.9'	6.0'	6.5'	21	5.1'	8.0'	8.0'	5.1'	21	5.6'	6.6'	

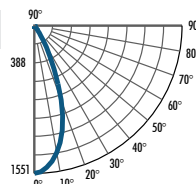
**CANDELA TABULATION**

**CCT Multipliers**

4000K	1.02
3500K	1.01
2700K	0.96

**12315-8L-WH-B45-30K - FLOOD - 3000K**

System Power	:10.1W
Test Date	:7/2018
Beam Angle 50%	:41.5°
Field Angle 10%	:66.7°
Color Temperature	:2950K
CCCRRIII	:95
R9 Value	:67.3
Lumens Delivered	:817lm
CCBCCPP	:1551cd
Power Factory	:0.90

No Tilt					Angel A' = 30°					Angel A'' = 30°					Angel A'' = 45°					Angel A'' = 60°				
F	FC	W	L	H	D	FC	W	L	H	D	FC	W	L	H	D	FC	W	L	H	D	FC	W	L	H
4.0'	125	2.7'	2.7'	4.0'	2.0'	83	3.1'	3.7'	2.0'	4.0'	48	3.0'	10.6'	2.0'	2.5'	137	2.1'	3.5'	4.0'	2.8'	63	3.5'	4.2'	
5.0'	76	3.4'	3.4'	5.0'	2.6'	50	3.9'	4.8'	3.0'	5.7'	22	4.5'	16.0'	3.0'	3.5'	61	3.2'	5.3'	5.0'	3.4'	40	4.4'	5.3'	
6.0'	51	4.2'	4.2'	6.0'	3.2'	33	4.8'	5.8'	4.0'	7.4'	12	6.1'	21.3'	4.0'	4.5'	34	4.3'	7.1'	6.0'	3.9'	28	5.2'	6.4'	
7.0'	36	4.9'	4.9'	7.0'	3.7'	24	5.7'	6.9'	5.0'	9.2'	8	7.6'	26.6'	5.0'	5.5'	22	5.4'	8.8'	7.0'	4.5'	21	6.1'	7.4'	
8.0'	27	5.7'	5.7'	8.0'	4.3'	18	6.6'	7.9'	6.0'	10.9'	5	9.1'	31.9'	6.0'	6.5'	15	6.4'	10.6'	8.0'	5.1'	16	7.0'	8.5'	

**CANDELA TABULATION**

**CCT Multipliers**

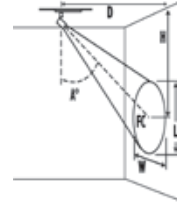
4000K	1.02
3500K	1.01
2700K	0.96

**PHOTOMETRICS**

**APPLICATION DATA:**

H = Height (Ceiling to ground or wall)  
 W = Beam Width  
 L = Beam Length  
 D = Distance  
 FC = Foot Candles

\*Fixture calculated at aiming point (90°) to horizontal surface.



Horizontal Angle

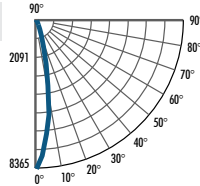
Vertical Angle (Fixture calculated at aiming point (90°) to horizontal surface)

**12315-16L-WH-B15-30K - SPOT - 3000K**

System Power	:18.2W
Test Date	:7/2018
Beam Angle 50%	:18.7°
Field Angle 10%	:35.9°
Color Temperature	:2949K
CRI	:92
R9 Value	:49.8
Lumens Delivered	:1166lm
CCBBCCPP	:8365cd
Power Factory	:0.84

No Tilt				Angel A" = 30°				Angel A" = 30°				Angel A" = 45°				Angel A" = 60°							
F	FC	W	L	H	D	FC	W	L	D	H	FC	W	L	D	H	FC	W	L	D	H	FC	W	L
4.0'	675	1.2	1.2'	4.0'	2.2'	98	2.1'	2.4'	2.0'	3.5'	75	1.8'	4.3'	2.0'	2.0'	213	1.3'	1.9'	4.0'	2.3'	95	2.1'	2.5'
6.0'	274	1.8'	1.8'	5.0'	2.8'	62	2.6'	3.0'	3.0'	5.2'	33	2.7'	6.4'	3.0'	3.0'	93	1.9'	2.9'	5.0'	2.9'	61	2.6'	3.1'
8.0'	148	3.0'	2.5'	6.0'	3.4'	43	3.1'	3.7'	4.0'	6.9'	18	3.6'	8.6'	4.0'	4.0'	52	2.6'	3.8'	6.0'	3.5'	42	3.2'	3.7'
10.0'	92	3.1'	3.1'	7.0'	4.0'	31	3.6'	4.3'	5.0'	8.7'	12	4.5'	10.8'	5.0'	5.0'	33	3.2'	4.8'	7.0'	4.0'	31	3.7'	4.3'
12.0'	63	3.8'	3.8'	8.0'	4.6'	23	4.2'	5.0'	6.0'	10.4'	8	5.5'	12.9'	6.0'	6.0'	23	3.9'	5.8'	8.0'	4.6'	24	4.2'	4.9'

**CANDELA TABULATION**



**CCT Multipliers**

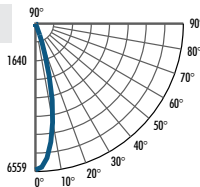
4000K	1.02
3500K	1.01
2700K	0.96

**12315-16L-WH-B25-30K - N.FLOOD - 3000K**

System Power	:18.4W
Test Date	:7/2018
Beam Angle 50%	:26.0°
Field Angle 10%	:42.9°
Color Temperature	:2967K
CRI	:92
R9 Value	:50.2
Lumens Delivered	:1420.9lm
CCBBCCPP	:6559cd
Power Factory	:0.84

F	FC	W	L	H	D	FC	W	L	D	H	FC	D	H	FC	W	L	D	H	FC	W	L		
4.0'	138	2.4'	2.4'	4.0'	2.2'	89	2.7'	3.2'	2.0'	3.5'	68	2.4'	6.5'	2.0'	2.0'	194	1.7'	2.6'	4.0'	2.3'	87	2.8'	3.3'
5.0'	87	3.0'	3.0'	5.0'	2.8'	57	3.4'	4.1'	3.0'	5.2'	30	3.6'	9.8'	3.0'	3.0'	85	2.5'	3.9'	5.0'	2.9'	55	3.5'	4.1'
6.0'	60	3.6'	3.6'	6.0'	3.4'	39	4.1'	4.9'	4.0'	6.9'	17	4.8'	13.1'	4.0'	4.0'	47	3.4'	5.2'	6.0'	3.5'	38	4.2'	4.9'
7.0'	44	4.2'	4.2'	7.0'	4.0'	29	4.8'	5.7'	5.0'	8.7'	11	6.0'	16.5'	5.0'	5.0'	30	4.2'	6.6'	7.0'	4.0'	28	4.8'	5.8'
8.0'	33	4.8'	4.8'	8.0'	4.6'	21	5.6'	6.6'	6.0'	10.4'	7	7.2'	19.8'	6.0'	6.0'	21	5.1'	7.9'	8.0'	4.6'	21	5.5'	6.6'

**CANDELA TABULATION**



**CCT Multipliers**

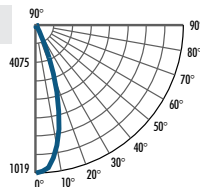
4000K	1.02
3500K	1.01
2700K	0.96

**12315-16L-WH-B45-30K - N.FLOOD - 3000K**

System Power	:18.0W
Test Date	:7/2018
Beam Angle 50%	:33.9°
Field Angle 10%	:53.4°
Color Temperature	:2957K
CRI	:91.9
R9 Value	:48.4
Lumens Delivered	:1408.3lm
CCBBCCPP	:4074cd
Power Factory	:0.85

F	FC	W	L	H	D	FC	W	L	D	H	FC	D	H	FC	W	L	D	H	FC	W	L		
4.0'	102	3.0'	3.0'	4.0'	2.2'	66	3.4'	4.1'	2.0'	3.5'	51	3.0'	10.4'	2.0'	2.0'	144	2.1'	3.5'	4.0'	2.3'	63	3.5'	4.2'
5.0'	65	3.8'	3.8'	5.0'	2.8'	42	4.3'	5.2'	3.0'	5.2'	22	4.5'	15.7'	3.0'	3.0'	63	3.2'	5.2'	5.0'	2.9'	41	4.3'	5.3'
6.0'	45	4.5'	4.5'	6.0'	3.4'	29	5.2'	6.3'	4.0'	6.9'	12	6.0'	21.3'	4.0'	4.0'	35	4.2'	7.0'	6.0'	3.5'	28	5.2'	6.3'
7.0'	33	5.3'	5.3'	7.0'	4.0'	21	6.0'	7.3'	5.0'	8.7'	8	7.5'	26.4'	5.0'	5.0'	22	5.3'	8.8'	7.0'	4.0'	21	6.1'	7.4'
8.0'	25	6.1'	6.1'	8.0'	4.6'	16	7.0'	8.5'	6.0'	10.4'	5	9.0'	31.7'	6.0'	6.0'	15	6.4'	10.5'	8.0'	4.6'	16	7.0'	8.4'

**CANDELA TABULATION**



**CCT Multipliers**

4000K	1.02
3500K	1.01
2700K	0.96