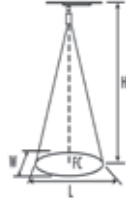


#### APPLICATION DATA:

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

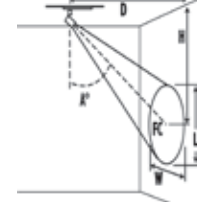
\*Fixture calculated at aiming point (90°) to horizontal surface.



No Tilt



Angel A' = 30°



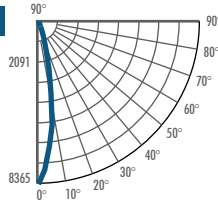
Vertical Angle (Fixture calculated at aiming point (90°) to horizontal surface)  
 Angel A' = 30°      Angel A' = 45°      Angel A' = 60°

#### LTD8321B-B15-T30 - 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
CBCP	: 8365cd
Power Factory	: 0.84

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

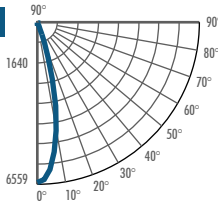
4000K	1.02
3500K	1.01
2700K	0.96

#### LTD8321B-B25-T30 - 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
CBCP	: 6559cd
Power Factory	: 0.84

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'	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

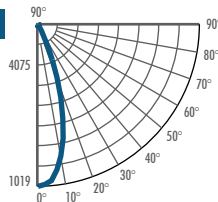
4000K	1.02
3500K	1.01
2700K	0.96

#### LTD8311B-T30 - 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
CBCP	: 4074cd
Power Factory	: 0.85

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'	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