

PHOTOMETRY

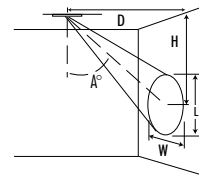
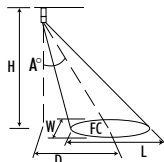
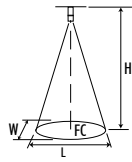
D = Distance from fixture (at ceiling/wall) to ground/wall at FC (center of beam)

H = Distance from ceiling to FC (center of beam)

FC = Footcandle at center of beam

W = Beam width

L = Beam length



LHQLD312C35-B25 - (600lm, Spot, 3000K)

System Power :	12.0W
Beam Angle 50% :	23.3°
Field Angle 10% :	63.3°
Color Temp. (CCT) :	3000K
CRI :	80
Lumens Delivered :	757.63
CBCP :	2412

MULTIPLIERS

LUMENS

1200lm (19W): 1.86

600lm (12W): 1.00

CRI

80 CRI: 1.00

90 CRI: 0.84

97 CRI: 0.73

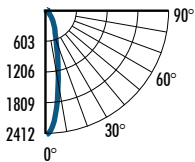
CCT

4000K: 1.02

3500K: 1.00

3000K: 1.00

2700K: 0.96



LHQLD312C35 - (600lm, Narrow Flood, 3000K)

System Power :	12.0W
Beam Angle 50% :	33.3°
Field Angle 10% :	59.8°
Color Temp. (CCT) :	3072K
CRI :	80
Lumens Delivered :	617.44
CBCP :	1638

MULTIPLIERS

LUMENS

1200lm (19W): 1.86

600lm (12W): 1.00

CRI

80 CRI: 1.00

90 CRI: 0.84

97 CRI: 0.73

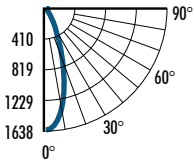
CCT

4000K: 1.02

3500K: 1.00

3000K: 1.00

2700K: 0.96



LHQLD312C35-B60 - (600lm, Wide Flood, 3000K)

System Power :	12.1W
Beam Angle 50% :	35.7°
Field Angle 10% :	65.6°
Color Temp. (CCT) :	3000K
CRI :	80
Lumens Delivered :	713.47
CBCP :	1560

MULTIPLIERS

LUMENS

1200lm (19W): 1.79

600lm (12W): 1.00

CRI

80 CRI: 1.00

90 CRI: 0.84

97 CRI: 0.73

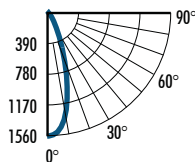
CCT

4000K: 1.02

3500K: 1.00

3000K: 1.00

2700K: 0.96



Horizontal Angle										Vertical Angle (Fixture calculated at aiming point (90°) to horizontal surface)															
No Tilt				A° = 30°						A° = 30°				A° = 45°				A° = 60°							
H	FC	W	L	H	D	FC	W	L	D	H	FC	W	L	D	H	FC	W	L	D	H	FC	W	L		
6.0'	67	2.5'	2.5'	6.0'	4.2'	37	3.0'	3.8'	2.0'	7.5'	10	3.2'	30.2'	2.0'	3.5'	75	1.6'	3.8'	2.0'	2.9'	114	1.4'	2.7'		
8.0'	38	3.3'	3.3'	8.0'	5.6'	21	4.0'	5.0'	3.0'	11.2'	5	4.8'	45.3'	3.0'	5.2'	34	2.5'	5.7'	3.0'	4.3'	51	2.2'	4.1'		
10.0'	24	4.1'	4.1'	10.0'	7.0'	13	5.0'	6.3'	4.0'	14.9'	3	6.4'	60.4'	4.0'	6.9'	19	3.3'	7.6'	4.0'	5.7'	28	2.9'	5.5'		
12.0'	17	4.9'	4.9'	12.0'	8.4'	9	6.0'	7.5'	5.0'	18.7'	2	8.0'	75.5'	5.0'	8.7'	12	4.1'	9.5'	5.0'	7.1'	18	3.6'	6.9'		
14.0'	12	5.8'	5.8'	14.0'	9.8'	7	7.0'	8.8'	6.0'	22.4'	1	9.6'	90.5'	6.0'	10.4'	8	4.9'	11.3'	6.0'	8.6'	13	4.3'	8.2'		

6.0'	46	3.6'	3.6'		6.0'	4.2'	25	4.4'	5.6'	2.0'	7.5'	7	4.6'	-	2.0'	3.5'	51	2.4'	6.5'	2.0'	2.9'	77	2.1'	4.4'
8.0'	26	4.8'	4.8'		8.0'	5.6'	14	5.8'	7.5'	3.0'	11.2'	3	6.9'	-	3.0'	5.2'	23	3.6'	9.8'	3.0'	4.3'	34	3.1'	6.7'
10.0'	16	6.0'	6.0'		10.0'	7.0'	9	7.3'	9.3'	4.0'	14.9'	2	9.2'	-	4.0'	6.9'	13	4.8'	13.1'	4.0'	5.7'	19	4.2'	8.9'
12.0'	11	7.2'	7.2'		12.0'	8.4'	6	8.8'	11.2'	5.0'	18.7'	1	11.6'	-	5.0'	8.7'	8	6.0'	16.3'	5.0'	7.1'	12	5.2'	11.1'
14.0'	8	8.4'	8.4'		14.0'	9.8'	5	10.2'	13.1'	6.0'	22.4'	1	13.9'	-	6.0'	10.4'	6	7.2'	19.6'	6.0'	8.6'	9	6.3'	13.3'

6.0'	43	3.9'	3.9'		6.0'	4.2'	24	4.7'	6.1'	2.0'	7.5'	7	5.0'	-	2.0'	3.5'	49	2.6'	7.5'	2.0'	2.9'	74	2.2'	5.0'
8.0'	24	5.2'	5.2'		8.0'	5.6'	13	6.3'	8.1'	3.0'	11.2'	3	7.5'	-	3.0'	5.2'	22	3.9'	11.2'	3.0'	4.3'	33	3.4'	7.4'
10.0'	16	6.4'	6.4'		10.0'	7.0'	9	7.9'	10.1'	4.0'	14.9'	2	10.0'	-	4.0'	6.9'	12	5.2'	15.0'	4.0'	5.7'	18	4.5'	9.9'
12.0'	11	7.7'	7.7'		12.0'	8.4'	6	9.4'	12.1'	5.0'	18.7'	1	12.4'	-	5.0'	8.7'	8	6.4'	18.7'	5.0'	7.1'	12	5.6'	12.4'
14.0'	8	9.0'	9.0'		14.0'	9.8'	4	11.0'	14.2'	6.0'	22.4'	1	14.9'	-	6.0'	10.4'	5	7.7'	22.4'	6.0'	8.6'	8	6.7'	14.9'

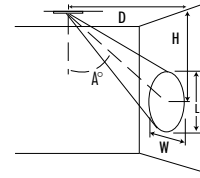
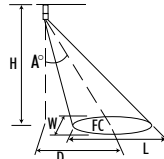
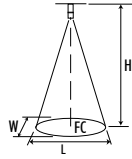
PHOTOMETRY

D = Distance from fixture (at ceiling/wall) to ground/wall
at FC (center of beam)

H = Distance from ceiling to FC (center of beam)
FC = Footcandle at center of beam

W = Beam width

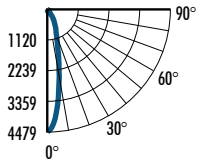
L = Beam length



LHQLD319C70-B25 - (1200lm, Spot, 3000K)

System Power :	19.0W
Beam Angle 50% :	23.3°
Field Angle 10% :	63.2°
Color Temp. (CCT) :	3000K
CRI :	80
Lumens Delivered :	1407.3
CBCP :	4479

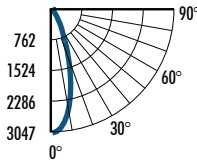
MULTIPLIERS	
LUMENS	
1200lm (19W) : 1.00	
600lm (12W) : 0.54	
CRI	CCT
80 CRI : 1.00	4000K : 1.02
90 CRI : 0.84	3500K : 1.00
97 CRI : 0.73	3000K : 1.00
	2700K : 0.96



LHQLD319C70 - (1200lm, Narrow Flood, 3000K)

System Power :	19.0W
Beam Angle 50% :	33.3°
Field Angle 10% :	59.8°
Color Temp. (CCT) :	3072K
CRI :	80
Lumens Delivered :	1148.43
CBCP :	3047

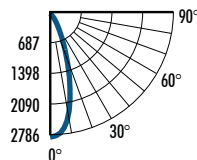
MULTIPLIERS	
LUMENS	
1200lm (19W) : 1.00	
600lm (12W) : 0.54	
CRI	CCT
80 CRI : 1.00	4000K : 1.02
90 CRI : 0.84	3500K : 1.00
97 CRI : 0.73	3000K : 1.00
	2700K : 0.96



LHQLD319C70-B60 - (1200lm, Wide Flood, 3000K)

System Power :	23.2W
Beam Angle 50% :	35.7°
Field Angle 10% :	65.6°
Color Temp. (CCT) :	3000K
CRI :	80
Lumens Delivered :	1274.06
CBCP :	2786

MULTIPLIERS	
LUMENS	
1200lm (19W) : 1.00	
600lm (12W) : 0.56	
CRI	CCT
80 CRI : 1.00	4000K : 1.02
90 CRI : 0.84	3500K : 1.00
97 CRI : 0.73	3000K : 1.00
	2700K : 0.96



Horizontal Angle										Vertical Angle (Fixture calculated at aiming point (90°) to horizontal surface)																			
No Tilt					A° = 30°					A° = 30°					A° = 45°					A° = 60°									
H	FC	W	L		H	D	FC	W	L	D	H	FC	W	L	D	H	FC	W	L	D	H	FC	W	L	D	H	FC	W	L
6.0'	124	2.5'	2.5'		6.0'	4.2'	68	3.0'	3.8'	2.0'	7.5'	19	3.2'	30.2'	2.0'	3.5'	140	1.6'	3.8'	2.0'	2.9'	211	1.4'	2.7'					
8.0'	70	3.3'	3.3'		8.0'	5.6'	38	4.0'	5.0'	3.0'	11.2'	9	4.8'	45.3'	3.0'	5.2'	62	2.5'	5.7'	3.0'	4.3'	94	2.2'	4.1'					
10.0'	45	4.1'	4.1'		10.0'	7.0'	25	5.0'	6.3'	4.0'	14.9'	5	6.4'	60.4'	4.0'	6.9'	35	3.3'	7.6'	4.0'	5.7'	53	2.9'	5.5'					
12.0'	31	4.9'	4.9'		12.0'	8.4'	17	6.0'	7.5'	5.0'	18.7'	3	8.0'	75.5'	5.0'	8.7'	22	4.1'	9.5'	5.0'	7.1'	34	3.6'	6.9'					
14.0'	23	5.8'	5.8'		14.0'	9.8'	13	7.0'	8.8'	6.0'	22.4'	2	9.6'	90.5'	6.0'	10.4'	16	4.9'	11.3'	6.0'	8.6'	23	4.3'	8.2'					

6.0'	85	3.6'	3.6'		6.0'	4.2'	47	4.4'	5.6'	2.0'	7.5'	13	4.6'	-	2.0'	3.5'	95	2.4'	6.5'	2.0'	2.9'	144	2.1'	4.4'					
8.0'	48	4.8'	4.8'		8.0'	5.6'	26	5.8'	7.5'	3.0'	11.2'	6	6.9'	-	3.0'	5.2'	42	3.6'	9.8'	3.0'	4.3'	64	3.1'	6.7'					
10.0'	30	6.0'	6.0'		10.0'	7.0'	17	7.3'	9.3'	4.0'	14.9'	3	9.2'	-	4.0'	6.9'	24	4.8'	13.1'	4.0'	5.7'	36	4.2'	8.9'					
12.0'	21	7.2'	7.2'		12.0'	8.4'	12	8.8'	11.2'	5.0'	18.7'	2	11.6'	-	5.0'	8.7'	15	6.0'	16.3'	5.0'	7.1'	23	5.2'	11.1'					
14.0'	16	8.4'	8.4'		14.0'	9.8'	9	10.2'	13.1'	6.0'	22.4'	1	13.9'	-	6.0'	10.4'	11	7.2'	19.6'	6.0'	8.6'	16	6.3'	13.3'					

6.0'	77	3.9'	3.9'		6.0'	4.2'	43	4.7'	6.1'	2.0'	7.5'	12	5.0'	-	2.0'	3.5'	87	2.6'	7.5'	2.0'	2.9'	131	2.2'	5.0'					
8.0'	44	5.2'	5.2'		8.0'	5.6'	24	6.3'	8.1'	3.0'	11.2'	5	7.5'	-	3.0'	5.2'	39	3.9'	11.2'	3.0'	4.3'	58	3.4'	7.4'					
10.0'	28	6.4'	6.4'		10.0'	7.0'	15	7.9'	10.1'	4.0'	14.9'	3	10.0'	-	4.0'	6.9'	22	5.2'	15.0'	4.0'	5.7'	33	4.5'	9.9'					
12.0'	19	7.7'	7.7'		12.0'	8.4'	11	9.4'	12.1'	5.0'	18.7'	2	12.4'	-	5.0'	8.7'	14	6.4'	18.7'	5.0'	7.1'	21	5.6'	12.4'					
14.0'	14	9.0'	9.0'		14.0'	9.8'	8	11.0'	14.2'	6.0'	22.4'	1	14.9'	-	6.0'	10.4'	10	7.7'	22.4'	6.0'	8.6'	15	6.7'	14.9'					