

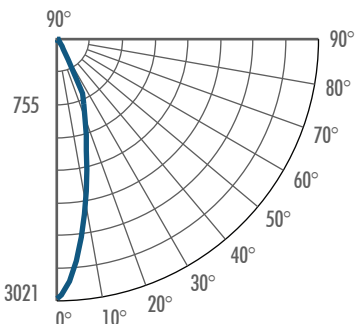
LRALD6 - PHOTOMETRY

6" ARCHITECTURAL LED RETROFIT

LRALD6SWF100-R25UE - 20W/1000lm- FLOOD - 3000K

System Power	:23.0W	Multipliers	
Test Date	:10/2011	4000K	1.04
Beam Angle 50%	:26.8°	3500K	1.02
Field Angle 10%	:57.5°	2700K	0.95
Color Temperature	:3000K	90 CRI	0.73
CRI	:80		
R9 Value	:23.5		
Lumens Delivered	:1080.11lm		
CBCP	:3020.74cd		
Power Factor	:1.00		

CANDELA TABULATION



FOOTCANDLE DISTRIBUTION

Height	Beam Diameter	FC
8'	3.8'	47.2
15'	7.1'	13.4
20'	9.5'	7.6
25'	11.9'	4.8
30'	14.3'	3.4

RECOMMENDED SPACING

16 FEET

Layout	FC	Max/Min	W/sf2
8 x 8	15	1.31	0.359
4 x 4	54	1.46	1.164

20 FEET

Layout	FC	Max/Min	W/sf2
8 x 8	15	1.23	0.359
6 x 6	26	1.4	0.704
4 x 4	52	1.59	1.164

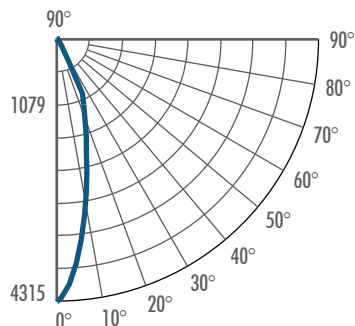
24 FEET

Layout	FC	Max/Min	W/sf2
8 x 8	14	1.34	0.359
4 x 4	50	1.73	1.164

LRALD6SWF150-R25UE - 25W/1500lm- FLOOD - 3000K

System Power	:26.0W	Multipliers	
Test Date	:10/2011	4000K	1.04
Beam Angle 50%	:26.8°	3500K	1.02
Field Angle 10%	:57.5°	2700K	0.95
Color Temperature	:3000K	90 CRI	0.73
CRI	:80		
R9 Value	:26.5		
Lumens Delivered	:1543.02lm		
CBCP	:4315.35cd		
Power Factor	:1.00		

CANDELA TABULATION



FOOTCANDLE DISTRIBUTION

Height	Beam Diameter	FC
8'	3.8'	67.4
15'	7.1'	19.2
20'	9.5'	10.8
25'	11.9'	6.9
30'	14.3'	4.8

RECOMMENDED SPACING

16 FEET

Layout	FC	Max/Min	W/sf2
8 x 8	20	1.32	0.406
6 x 6	38	1.2	0.796

20 FEET

Layout	FC	Max/Min	W/sf2
8 x 8	20	1.23	0.406
6 x 6	36	1.39	0.796
4 x 4	xx	xxx	xxxx

24 FEET

Layout	FC	Max/Min	W/sf2
6 x 6	20	1.33	0.796
4 x 4	35	1.55	1.625

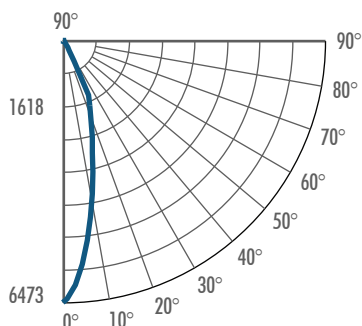
LRALD6 - PHOTOMETRY

6" ARCHITECTURAL LED RETROFIT

LRALD6SWF240-R25UE - 28W/2300lm- FLOOD - 3000K

System Power	:28.0W	Multipliers	
Test Date	:10/2011	4000K	1.04
Beam Angle 50%	:26.8°	3500K	1.02
Field Angle 10%	:57.5°	2700K	0.95
Color Temperature	:3000K	90 CRI	0.73
CRI	:80		
R9 Value	:68		
Lumens Delivered	:2314.52lm		
CBCP	:6473.03cd		
Power Factor	:1.00		

CANDELA TABULATION



FOOTCANDLE DISTRIBUTION

Height	Beam Diameter	FC
8'	3.8'	101.1
10'	4.8'	64.7
20'	9.5'	16.2
30'	14.3'	7.2
40'	19.1'	4.0

RECOMMENDED SPACING

20 FEET

Layout	FC	Max/Min	W/sf2
10 x 10	20	1.45	0.28
8 x 8	31	1.23	0.438
6 x 6	54	1.4	0.858

24 FEET

Layout	FC	Max/Min	W/sf2
10 x 10	21	1.47	0.28
6 x 6	52	1.55	0.858

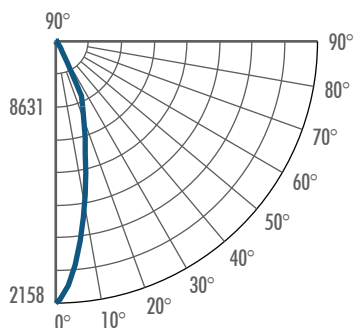
30 FEET

Layout	FC	Max/Min	W/sf2
8 x 8	18	1.43	0.406
6 x 6	48	1.69	0.796

LRALD6SWF350-R40UE - 40W/3000lm- FLOOD - 3000K

System Power	:40.0W	Multipliers	
Test Date	:10/2011	4000K	1.04
Beam Angle 50%	:26.8°	3500K	1.02
Field Angle 10%	:57.5°	2700K	0.95
Color Temperature	:3000K	90 CRI	0.73
CRI	:80		
R9 Value	:33		
Lumens Delivered	:3086.03lm		
CBCP	:8630.7cd		
Power Factor	:1.00		

CANDELA TABULATION



FOOTCANDLE DISTRIBUTION

Height	Beam Diameter	FC
8'	3.8'	134.9
10'	4.8'	86.3
20'	9.5'	21.6
30'	14.3'	9.6
40'	19.1'	5.4