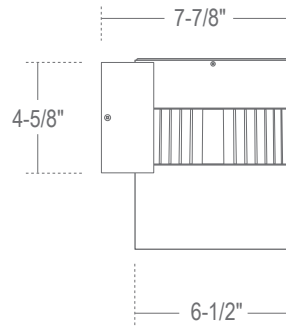
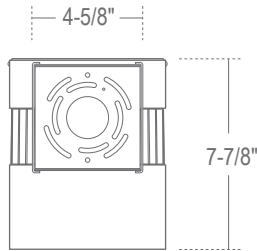


LWMLD6 - 6" LUMEN CANNON LED WALL MOUNT

1100lm/18W | 1500lm/25W | 2600lm/28W | 3700lm/40W | 4300lm/50W | 6000lm/60W

- Can be mounted on wall for up and down positions
- Exclusive UniDim™ Universal LED Dimming Option Works with 0-10V, ELV and Incandescent Controls
- Smart DALI, DMX and 0-10V 1% Dimming
- 120V/277V Input Standard (347V Available)



ORDERING – Example: LCALD6W101-DINPZ-T27

LWMLD6

Fixture Finish Lumen Beam Spread Dimming Color Temperature



Finish		Beam Spread		Color Temperature	
All Black	B	Flood	Blank	3000K	Blank
All White	W	10 degree Spot*	-B10	3000K, 90 CRI	-C90
Silver	S	25 degree Narrow	-B25	3000K, 97 CRI	-C97
Lumen***		30 degree Narrow*	-B30	2700K+	-T27
1100lm	101	70 degree Wide*	-B70	2700K, 90 CRI+	-T27-C90
1500lm	151	Dimming^		2700K, 97 CRI	-T27-C97
2600lm	320	Non-Dimming	Blank	3500K+	-T35
3700lm	350	0-10V, 10%, Fluorescent and 5 Wire Dimming	-D10	4000K+	-T40
4300lm	450	0-10V, 1%, Fluorescent and 5 Wire Dimming	-D10P1		
6000lm	550	Lutron Ecosystem 5% Dimming	-DEC		
		Lutron Hilume 1% and 3 Wire Dimming	-DHL		
		2-Wire 10% Dimming (120V)	-DIN		
		2-Wire 1% Dimming (120V)	-DINP1		
		DALI 0% Dimming	-DLI		
		DMX 0% Dimming	-DMX		
		UniDim™ 0-10V, ELV and Incandescent Controls**	-DUN		

* Not available for 1100lm/1500lm. **Nominal delivered lumens, see photometry page for exact values.

*** Extended lead time may apply. Consult factory. +Extended lead time may apply for quantities over 100. ^All Drivers are 120/277V except DIN option.

SPECIFICATION

Application

Architectural-grade surface mount LED downlight housing for medium to high ceilings combines energy efficiency with powerful lumen output. Perfect for atriums, churches, lobbies, and airports that have high ceilings.

Housing

Spun steel with die-cast aluminum heat sink.

Mounting - Universal mounting hardware allows mounting to all standard electrical junction boxes. Optional pendant cable and wall mount assemblies available. Weighs less than 4lb..

Reflector

Multifaceted Specular Reflector.

Optics

LED Light Engine - COB (Chip on Board) Meets CA Title 24 Requirements and other standards restricting the use of Medium Base or Bi-Pin Sockets.

Lumens - Available in 1100lm, 1500lm, 2600lm, 3700lm, 4300lm and 6000lm.

Color Temperature - Available in 3000K, 3000K 90 CRI, 3000K 97 CRI, 1700K, 2500K, 2700K, 2700K 90 CRI, 2700K 97CRI, 3500K, 4000K. 1100Lm & 1500Lm fixtures come with 90 CRI Standard. All other lumen packages come with 80 CRI Standard. For 90 CRI, use -C90.

Beam Spread - Standard Flood. Also available in B10 - 10° Spot, B25- 25° Narrow, B30 - 30° Narrow, B70 - 70° Wide.

Lumen Maintenance - Minimum 50,000 hours L70 life based on ANSI TM-21 calculations from LM80 standardized test results.

Electrical Components

Thermal Management - Heat dissipation facilitated by exposed integral aluminum black heat sink to maximize heat rejection in an open air environment. Recommended ambient temperature is below 35°C to achieve minimum L70 life of 50,000 hours according to LM80 standard.

Driver - 120V/277V AC 50/60Hz Electronic Direct Current Class 2 driver integrally mounted on large access Junction Box. Power Factor > 0.90. Operating Temperature: -10°C to +80°C. Accessible from above or below ceiling. Consult Factory for dimming options and compatible dimmers.

All driver are 120V/277V except DIN options.

Dimming - 0-10V dimming option (-D10) works with most 5-Wire 0-10V dimmers. Available with 1% Deep Dimming Option. Factory qualified for use with Leviton IP710-DLX and Lutron NTFTV-WH. The Lutron Hi-Lume (-DHL) and Ecosystem (-DEC) option designed for use with LUTRON Ecosystem Controls. Uni-Dim™ (-DUN) option is a universal dimming system that works with most 3-Wire ELV, 2-Wire Incandescent and 5-Wire 0-10V fluorescent dimmers.

Finishes

High quality powder coat finish for maximum durability. Available in all black and all white. Consult factory for Custom Color.

Certifications and Listings

ETL/cETL listed to UL1598 and UL8750. Suitable for dry and damp locations. NYC approved: Calendar #41937. For Wet Location, see DL series. Assembled in USA.

Caution

Fixtures must be grounded in accordance with national, state and/or local electrical codes. Failure to do so may result in serious personal injury.

Warranty

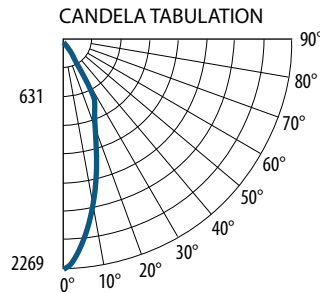
Covered by a 5 Year Warranty to be free of defects in materials and craftsmanship. Fixture should not be installed in applications with ambient temperature above 60°C. Doing so will result in reduced lamp life and voided warranty.

PHOTOMETRY

LUMEN PACKAGE	101	151	320	350	450	550
NOMINAL LUMENS	1100lm	1500lm	2600lm	3700lm	4300lm	6000lm
SYSTEM POWER	18W	25W	28W	40W	50W	60W

LWMLD6101, 1100lm, Flood, 3000K

System Power:	24.5W	MULTIPLIERS	
Test Date:	6/2016	4000K:	1.30
Beam Angle 50%:	35.4°	3500K:	1.14
Field Angle 10%:	69.6°	2700K:	0.88
Color Temperature:	3073K		
CRI :	84.7		
R9 Value:	26.5		
Lumens Delivered:	1226lm		
CBCP:	2258cd		
Power Factor:	>0.9		

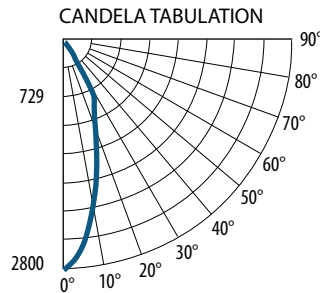


FOOTCANDLE DISTRIBUTION

Height	Beam Diameter	FC
3.3'	2.1'	210.8
6.5'	4.2'	52.7
10"	6.3'	23.4
13"	8.4'	13.2
16"	10.5'	8.4

LWMLD6151, 1500lm, Flood, 3000K

System Power:	30.3W	MULTIPLIERS	
Test Date:	6/2016	4000K:	1.37
Beam Angle 50%:	34.3°	3500K:	1.20
Field Angle 10%:	67.5°	2700K:	0.93
Color Temperature:	2908K		
CRI :	94.6		
R9 Value:	79.9		
Lumens Delivered:	1438lm		
CBCP:	2790cd		
Power Factor:	>0.9		

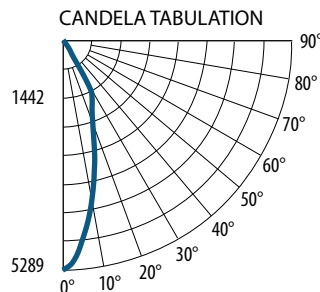


FOOTCANDLE DISTRIBUTION

Height	Beam Diameter	FC
3.3'	2.0'	260.2
6.5'	4.1'	65.0
10"	6.1'	28.9
13"	8.1'	16.3
16"	10.1'	10.4

LWMLD6320-T40, 2600lm, Flood, 4000K

System Power:	29.0W	MULTIPLIERS	
Test Date:	6/2016	3500K:	0.87
Beam Angle 50%:	34.5°	3000K:	0.75
Field Angle 10%:	66.7°	2700K:	0.68
Color Temperature:	4000K		
CRI :	80.0		
R9 Value:	33.0		
Lumens Delivered:	2725lm		
CBCP:	5289cd		
Power Factor:	>0.9		

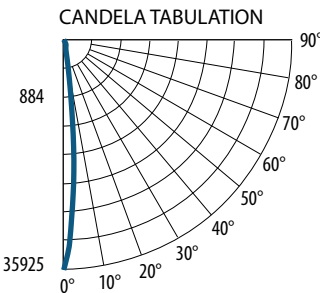


FOOTCANDLE DISTRIBUTION

Height	Beam Diameter	FC
10'	6.2'	52.9
14'	8.7'	27.0
18"	11.2'	16.3
22"	13.7'	10.9
23"	14.3'	10.0

LWMLD6320-B10-T40, 2600lm, Spot, 4000K

System Power:	28.9W	MULTIPLIERS	
Test Date:	7/2016	3500K:	0.87
Beam Angle 50%:	11.1°	3000K:	0.75
Field Angle 10%:	23.6°	2700K:	0.68
Color Temperature:	4000K		
CRI :	80.0		
R9 Value:	33.0		
Lumens Delivered:	3101lm		
CBCP:	35925cd		
Power Factor:	>0.9		



FOOTCANDLE DISTRIBUTION

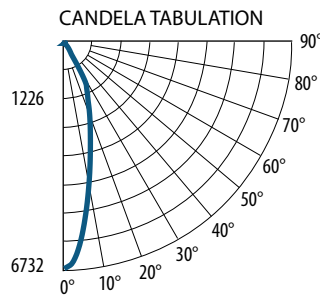
Height	Beam Diameter	FC
10'	1.9'	359.3
20'	3.9'	89.8
30"	5.8'	39.9
40"	7.8'	22.5
59.6"	11.6'	10.1

PHOTOMETRY

LUMEN PACKAGE	101	151	320	350	450	550
NOMINAL LUMENS	1100lm	1500lm	2600lm	3700lm	4300lm	6000lm
SYSTEM POWER	18W	25W	28W	40W	50W	60W

LWMLD6320-B30-T40, 2600lm, Narrow, 4000K

System Power:	28.9W	MULTIPLIERS	
Test Date:	7/2016	4000K:	0.87
Beam Angle 50%:	27.7°	3500K:	0.75
Field Angle 10%:	64.3°	2700K:	0.68
Color Temperature:	4000K		
CRI :	80.0		
R9 Value:	33.0		
Lumens Delivered:	2788lm		
CBCP:	6732cd		
Power Factor:	>0.9		

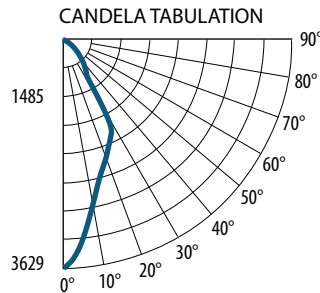


FOOTCANDLE DISTRIBUTION

Height	Beam Diameter	FC
10'	4.9'	67.3
14'	6.9'	34.3
18"	8.9'	20.8
22"	10.8'	13.9
26"	12.8'	10.0

LWMLD6320-B70-T40, 2600lm, Wide , 4000K

System Power:	28.8W	MULTIPLIERS	
Test Date:	7/2016	4000K:	0.87
Beam Angle 50%:	49.5°	3500K:	0.75
Field Angle 10%:	96.0°	2700K:	0.68
Color Temperature:	4000K		
CRI :	80.0		
R9 Value:	33.0		
Lumens Delivered:	3061lm		
CBCP:	3629cd		
Power Factor:	>0.9		

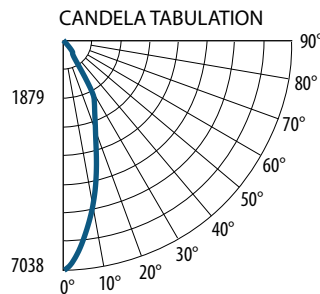


FOOTCANDLE DISTRIBUTION

Height	Beam Diameter	FC
10'	9.2'	36.3
12'	11.1'	25.2
14"	12.9'	18.5
16"	14.8'	14.2
19"	17.5'	10.1

LWMLD6350-T40, 3700lm, Flood , 4000K

System Power:	43.6W	MULTIPLIERS	
Test Date:	6/2016	3500K:	0.87
Beam Angle 50%:	34.9°	3000K:	0.75
Field Angle 10%:	67.6°	2700K:	0.68
Color Temperature:	4000K		
CRI :	80.0		
R9 Value:	33.0		
Lumens Delivered:	3778lm		
CBCP:	7038cd		
Power Factor:	>0.9		

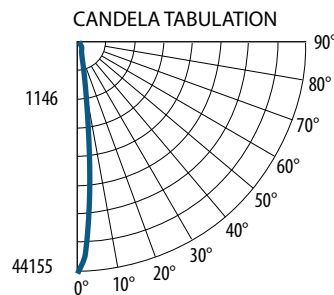


FOOTCANDLE DISTRIBUTION

Height	Beam Diameter	FC
10'	6.3'	70.4
14'	8.8'	35.9
18"	11.3'	21.7
22"	13.8'	14.5
23"	16.7'	10.0

LWMLD6350-B10-T40, 3700lm, Spot, 4000K

System Power:	42.8W	MULTIPLIERS	
Test Date:	7/2016	3500K:	0.87
Beam Angle 50%:	11.3°	3000K:	0.75
Field Angle 10%:	24.0°	2700K:	0.68
Color Temperature:	4000K		
CRI :	80.0		
R9 Value:	33.0		
Lumens Delivered:	3999lm		
CBCP:	44155cd		
Power Factor:	>0.9		



FOOTCANDLE DISTRIBUTION

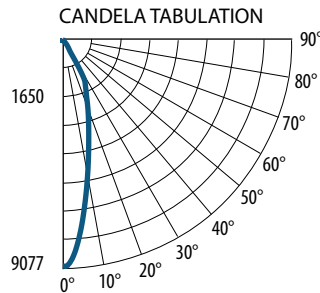
Height	Beam Diameter	FC
10'	2.0'	441.6
20'	4.0'	110.4
30"	5.9'	49.1
40"	7.9'	27.6
66.4"	13.1'	10.0

PHOTOMETRY

LUMEN PACKAGE	101	151	320	350	450	550
NOMINAL LUMENS	1100lm	1500lm	2600lm	3700lm	4300lm	6000lm
SYSTEM POWER	18W	25W	28W	40W	50W	60W

LWMLD6350-B30-T40, 3700lm, Narrow, 4000K

System Power:	43.1W	MULTIPLIERS	
Test Date:	7/2016	4000K:	0.87
Beam Angle 50%:	26.9°	3500K:	0.75
Field Angle 10%:	64.3°	2700K:	0.68
Color Temperature:	4000K		
CRI :	80.0		
R9 Value:	33.0		
Lumens Delivered:	3719lm		
CBCP:	9077cd		
Power Factor:	>0.9		

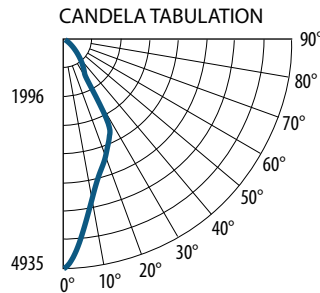


FOOTCANDLE DISTRIBUTION

Height	Beam Diameter	FC
10'	4.8'	90.8
15'	7.2'	40.3
20"	9.6'	22.7
25"	12.0'	14.5
30"	14.3'	10.1

LWMLD6350-B70-T40, 3700lm, Wide , 4000K

System Power:	43.3W	MULTIPLIERS	
Test Date:	7/2016	4000K:	0.87
Beam Angle 50%:	50.0°	3500K:	0.75
Field Angle 10%:	96.0°	2700K:	0.68
Color Temperature:	4000K		
CRI :	80.0		
R9 Value:	33.0		
Lumens Delivered:	4159lm		
CBCP:	4935cd		
Power Factor:	>0.9		

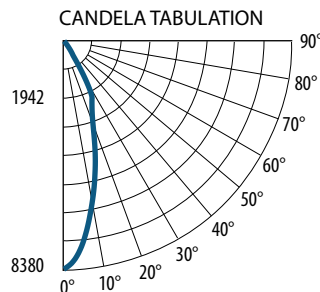


FOOTCANDLE DISTRIBUTION

Height	Beam Diameter	FC
10'	9.3'	49.4
12'	11.1'	34.3
14"	13.1'	25.2
16"	14.9'	19.3
22.2"	20.7'	10.0

LWMLD6450-T40, 4300lm, Flood , 4000K

System Power:	42.5W	MULTIPLIERS	
Test Date:	6/2016	3500K:	0.87
Beam Angle 50%:	34.1°	3000K:	0.75
Field Angle 10%:	68.5°	2700K:	0.68
Color Temperature:	4000K		
CRI :	80.0		
R9 Value:	33.0		
Lumens Delivered:	4286lm		
CBCP:	8380cd		
Power Factor:	>0.9		

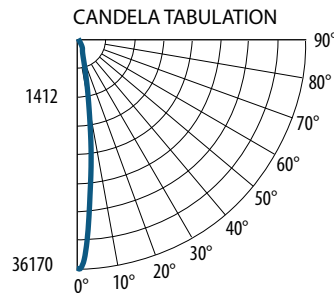


FOOTCANDLE DISTRIBUTION

Height	Beam Diameter	FC
10'	6.1'	83.8
14'	8.6'	42.8
18"	11.0'	25.9
22"	13.5'	17.3
28.9"	17.7'	10.0

LWMLD6450-B10-T40, 4300lm, Spot, 4000K

System Power:	41.9W	MULTIPLIERS	
Test Date:	7/2016	3500K:	0.87
Beam Angle 50%:	14.7°	3000K:	0.75
Field Angle 10%:	34.6°	2700K:	0.68
Color Temperature:	4000K		
CRI :	80.0		
R9 Value:	33.0		
Lumens Delivered:	5210lm		
CBCP:	36170cd		
Power Factor:	>0.9		



FOOTCANDLE DISTRIBUTION

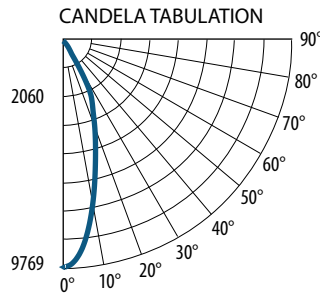
Height	Beam Diameter	FC
10'	2.6'	361.7
20'	5.2'	90.4
30"	7.7'	40.2
40"	10.3'	22.6
60"	15.5'	10.0

PHOTOMETRY

LUMEN PACKAGE	101	151	320	350	450	550
NOMINAL LUMENS	1100lm	1500lm	2600lm	3700lm	4300lm	6000lm
SYSTEM POWER	18W	25W	28W	40W	50W	60W

LWMLD6450-B30-T40, 4300lm, Narrow, 4000K

System Power:	42.6W	MULTIPLIERS	
Test Date:	7/2016	4000K:	0.87
Beam Angle 50%:	34.3°	3500K:	0.75
Field Angle 10%:	66.9°	2700K:	0.68
Color Temperature:	4000K		
CRI :	80.0		
R9 Value:	33.0		
Lumens Delivered:	4922lm		
CBCP:	9769cd		
Power Factor:	>0.9		

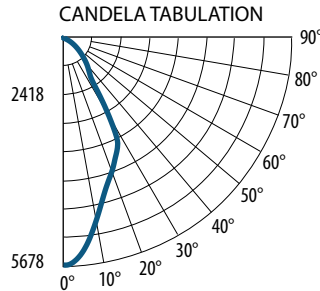


FOOTCANDLE DISTRIBUTION

Height	Beam Diameter	FC
10'	6.2'	97.7
15'	9.3'	43.4
20"	12.3'	27.4
25"	15.4'	15.6
31.2"	19.3'	10.0

LWMLD6450-B70-T40, 4300lm, Wide , 4000K

System Power:	42.3W	MULTIPLIERS	
Test Date:	7/2016	4000K:	0.87
Beam Angle 50%:	56.8°	3500K:	0.75
Field Angle 10%:	99.8°	2700K:	0.68
Color Temperature:	4000K		
CRI :	80.0		
R9 Value:	33.0		
Lumens Delivered:	5334lm		
CBCP:	5687cd		
Power Factor:	>0.9		

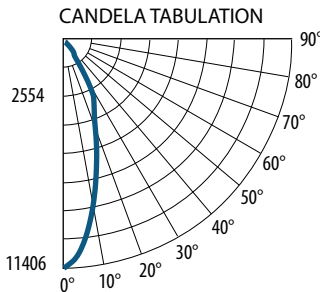


FOOTCANDLE DISTRIBUTION

Height	Beam Diameter	FC
10'	10.7'	56.9
12'	12.9'	39.5
14"	15.0'	29.0
16"	17.2'	22.2
23.8"	25.6'	10.0

LWMLD6550-T40, 6000lm, Flood , 4000K

System Power:	62.3W	MULTIPLIERS	
Test Date:	6/2016	3500K:	0.87
Beam Angle 50%:	33.6°	3000K:	0.75
Field Angle 10%:	67.6°	2700K:	0.68
Color Temperature:	4000K		
CRI :	80.0		
R9 Value:	33.0		
Lumens Delivered:	5833lm		
CBCP:	11406cd		
Power Factor:	>0.9		

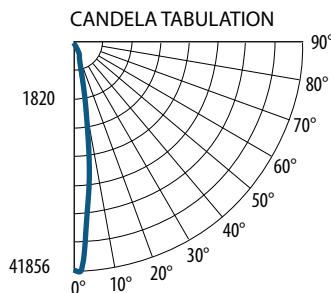


FOOTCANDLE DISTRIBUTION

Height	Beam Diameter	FC
10'	6.0'	114.1
16'	9.7'	44.6
22"	13.3'	23.6
28"	16.9'	14.5
33.7"	20.3'	10.0

LWMLD6550-B10-T40, 6000lm, Spot, 4000K

System Power:	63.2W	MULTIPLIERS	
Test Date:	7/2016	3500K:	0.87
Beam Angle 50%:	16.4°	3000K:	0.75
Field Angle 10%:	36.6°	2700K:	0.68
Color Temperature:	4000K		
CRI :	80.0		
R9 Value:	33.0		
Lumens Delivered:	6576lm		
CBCP:	41185cd		
Power Factor:	>0.9		



FOOTCANDLE DISTRIBUTION

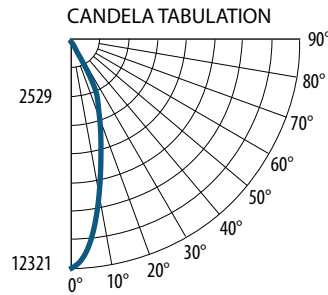
Height	Beam Diameter	FC
10'	2.9'	418.6
20'	5.9'	104.6
30"	8.6'	46.5
40"	11.5'	26.2
64.7"	18.6'	10.0

PHOTOMETRY

LUMEN PACKAGE	101	151	320	350	450	550
NOMINAL LUMENS	1100lm	1500lm	2600lm	3700lm	4300lm	6000lm
SYSTEM POWER	18W	25W	28W	40W	50W	60W

LWMLD6550-B30-T40, 6000lm, Narrow, 4000K

System Power:	63.0W	MULTIPLIERS	
Test Date:	7/2016	4000K:	0.87
Beam Angle 50%:	33.6°	3500K:	0.75
Field Angle 10%:	66.7°	2700K:	0.68
Color Temperature:	4000K		
CRI :	80.0		
R9 Value:	33.0		
Lumens Delivered:	6080lm		
CBCP:	12321cd		
Power Factor:	>0.9		

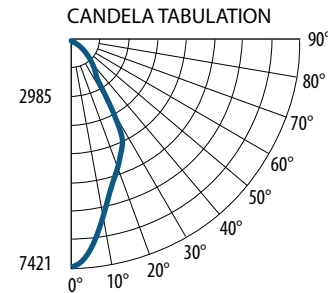


FOOTCANDLE DISTRIBUTION

Height	Beam Diameter	FC
10'	6.0'	123.2
15'	9.1'	54.8
20"	12.1'	30.8
25"	15.1'	19.7
25"	21.1'	10.1

LWMLD6550-B70-T40, 6000lm, Wide , 4000K

System Power:	62.2W	MULTIPLIERS	
Test Date:	7/2016	4000K:	0.87
Beam Angle 50%:	54.5°	3500K:	0.75
Field Angle 10%:	97.6°	2700K:	0.68
Color Temperature:	4000K		
CRI :	80.0		
R9 Value:	33.0		
Lumens Delivered:	6610lm		
CBCP:	7421cd		
Power Factor:	>0.9		



FOOTCANDLE DISTRIBUTION

Height	Beam Diameter	FC
10'	10.3'	74.2
12'	14.4'	37.9
18"	18.5'	22.9
22"	22.7'	15.5
27.2"	28.0'	10.0