

ENVIRONMENTALLY FRIENDLY, ENERGY EFFICIENT

- Lumen packages suitable for ceiling heights ranging from 8' to over 50'
- Efficacies up to 124 lm/w
- Superior-quality white LED light output using Chip on Board technology
- Patented Hyperbolic Reflector (U.S. Patent No. 10,670,227 B2)
- **Low UGR:** UGR of zero for fixtures aimed at nadir with a cut-off equal to or less than 60deg per CIE 117-1995 Discomfort Glare in Interior Lighting.

PRODUCT SPECIFICATIONS

Atrius™ - Ready Product: Select models of the L-series product line deliver valuable data and connectivity to the Atrius IoT location based platform services. For more information, please refer to www.acuitybrands.com/Atrius.

OPTICS

Hyperbolic Reflector: Patented hyperbolic shape (U.S. Patent No. 10,670,227 B2) optimized for small, directional LED source, maximizes fixture efficiency while reducing lamp image and aperture brightness • Geometry of hyperbolic curve provides unique aperture appearance and smoother light distribution

Parabolic Cone/Lens: Computer-optimized parabolic cone with frosted convex lens regressed into cone provides uniform distribution with no striations

Baffle: White or black painted deep multi-groove aluminum baffle insert with integral white painted flange and frosted convex glass lens

Wallwash Cone/Lens: Computer-optimized trim with integral wall wash kicker and frosted convex lens regressed into cone provides uniform distribution with no striations

ELECTRICAL

LED Light Engine: Compact light source delivers uniform illumination without pixilation, enabling excellent beam control • 2SDCM (5000K within 3SDCM) • 80 & 90 CRI

• Light engine mounts directly to heat sink and is easily replaceable

Passive Cooling: Cast aluminum heat sink integrated directly with housing provides superior thermal management to ensure the long life of LED

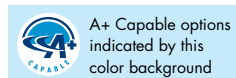
LED Driver: Power factor >0.9

Dimming: Dimmable via 0-10V protocol standard • Optional drivers available for use with eldoLED, Lutron EcoSystem, 2-wire dimmers, DMX, or DALI • For a list of compatible dimmers, see [LED-DIM](#).

Life: Rated for 60,000 hours at 70% lumen maintenance

Emergency Battery Pack (Optional) output: Provides a minimum of 600 (BR), or 1000 (HBR) lumens for a minimum duration of 90 minutes • Remote mounted, field installed

• BR option is CEC Title 20 compliant



SURFACE MOUNT



PENDANT MOUNT



WALL MOUNT



CABLE MOUNT

ORDERING INFORMATION

Complete Catalog# Example Includes (Rough-In, option, reflector, accessory)

Ordering Example: LC6P 08LM 27K MVOLT B G4 80CRI ZT HW CS PF

ROUGH-IN

Series	Mounting Options	Light Engine	Color Temperature	Voltage	Cylinder Color	Generation	CRI	Driver	Rough-In Options	
LC6 6" L-Series Cylinder	S	08LM	27K 2700K	120	B Black	G4	80CRI 90CRI	EDAB ⁵	F ^{1,3} Fuse and Fuse Holder	
	Surface	13LM	30K 3000K	277	W White			EDXB ^{1,4,8}	BR ^{1,10} 600 Lumen Emergency Battery Pack w/Remote Test Switch (CEC Title 20 Compliant)	
	P	15LM	35K 3500K	347 ⁵	S Silver				HBR ^{1,4} 1000 Lumen Emergency Battery Pack w/Remote Test Switch	
	Pendant	17LM	40K 4000K	MVOLT (120-277)				EZ10 ⁵	NL ⁹ nLight® Dimming Pack Controls	
	W	23LM	50K 5000K					EZ1 ⁵	NLER ⁹ nLight® dimming pack controls. nLER controls fixtures on emergency circuit	
	Wall	28LM						EZB ⁵	NLTAIR2 ^{1,9,15} nLight® AIR Dimming Pack Wireless Controls	
	C	33LM						FD ^{2,7}	NLTAIRER2 ^{1,9,15} nLight® AIR Dimming Pack Wireless Controls. Controls fixtures on emergency circuit	
	Cable	40LM						ECOD ^{1,6,13}	AE2CD ^{14,15} Atrius™ - Ready, VLC Commissioning, Radio (BT Positioning)	
		45LM						ZT	AE2BN ^{14,15} Atrius Enabled, BT3, BLE only, Power supply only	
		50LM						GZ1 ⁵		
	55LM									



REFLECTOR To order reflector separately, use "L6" prefix before reflector option values. Ex: L6 HW CS PF

Trim Style				Finish				Trim Options	
HM	Hyperbolic Medium	P	Parabolic	BD	Black Diffuse	CD	Clear Diffuse	PTD	Pewter Diffuse
HW	Hyperbolic Wide	WPR ¹⁶	Parabolic Wide	BS	Black Specular	CS	Clear Specular	PTS	Pewter Specular
HWS	Hyperbolic Single Wall Wash	WC	Corner Wall Wash			CSS	Clear Semi-Specular	WH	White, White Flange
		WD	Double Wall Wash			GD	Gold Diffuse	WTD	Wheat Diffuse
		WS	Single Wall Wash			GS	Gold Specular	WTS	Wheat Specular
									PF ¹² White Flange

MOUNTING HARDWARE Add mounting hardware to the end of the complete catalog #. Mounting hardware option **must** match fixture option.

EX: LC6P 08LM MVOLT B G4 80CRI **BR** ZT HW CS PF PSTEM 18IN BLPEN **PBR**

Pendant Mount	Length	Color	Options
PSTEM Pendant Stem for use with LC6P only	18IN 18"	WPEN White	PBR Battery Pack
	24IN 24"	BLPEN Black	PHBR High Lumen Battery Pack
	36IN 36"	SPEN Silver	PDMXR DMX/RDM Driver
	48IN 48"		PAE2CD Atrius™ Ready, VLC Commissioning, Radio (BT Positioning)

Cable Mount	Length	Color
CSTEM Cable Stem for use with LC6C only	18IN 18"	WCAB White with White Cord
	48IN 48"	BLCAB Black with Black Cord
	120IN 120"	SCAB Silver with Black Cord

Ordering Notes

- Not available with 347V.
- 120V only.
- Specify voltage.
- Not compatible with cable mount.
- Not available for 45LM and up.
- Not available for 33LM and up.
- Not available for 55LM.
- Not available for 40LM and up.
- Only compatible with EZ1, GZ1, EZB, EZ10 drivers.
- Can not be dimmed when used with cable mount (CSTEM).
- Not compatible with BR or HBR.
- PF not available with WH finish. When specifying WH finish, flange is always painted white.
- Not compatible with BR, or HBR.
- See AE2CD/AE2BN notes in following table for compatibility with other options.
- NLTAIR2, NLTAIRER2, AE2CD, AE2BN not recommended for metal ceiling installations.
- WPR available with CS, CSS, CD, WH finishes only.

AE2CD Notes

Not available with LC6C/CSTEM (Cable mount).
Not available with 45LM, 50LM, or 55LM.
Only compatible with EZ1 driver.
BR, HBR, NL, NLER, NLTAIR2, NLTAIRER2 not compatible with AE2CD.
Recommended ceiling height of 30' and under; not intended for use on ceilings greater than 40' or metal ceiling installations.

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AE2BN Notes

Only available with LC6C/CSTEM (Cable Mount)
Not available with 45LM, 50LM, or 55LM
Only compatible with EZ1 driver.
BR, HBR, NL, NLER, NLTAIR2, NLTAIRER2 not compatible with AE2BN
Recommended ceiling height of 30' and under, not intended for use on ceiling greater than 40' or metal ceiling installations.

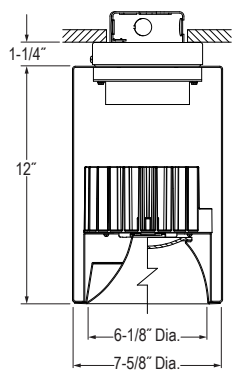
PRODUCT SPECIFICATIONS (cont.)

MECHANICAL

Housing: One piece heavy gauge aluminum with white, black or silver baked textured powder coat finish.

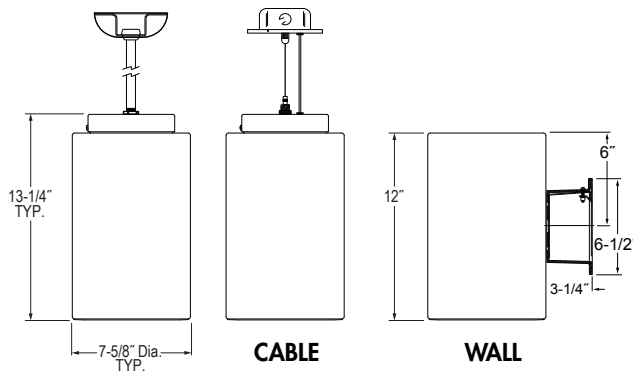
Mounting: Available for surface, pendant, cable or wall mounting • Pendant mounting features hang straight pendant mounting kits that allows for mounting on to sloped ceilings with an angle up to 35°

DIMENSIONS



SURFACE MOUNT

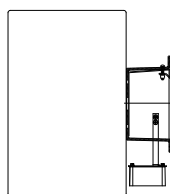
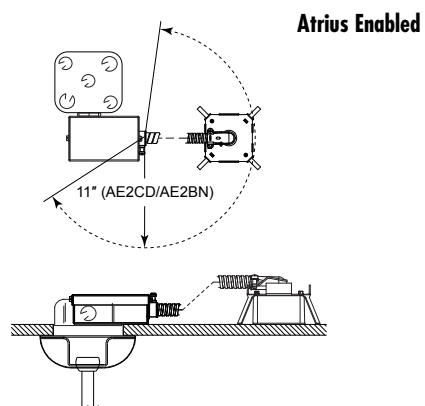
MOUNTING DETAIL:



PENDANT

CABLE

WALL



ENERGY STAR® certified

	PRODUCT#	FIXTURE CONFIGURATIONS = ENERGY STAR
	LC6(M) (WW)LM (XX)K MVOLT G4 (YY)CRI (UU) (ZZ) (CC)	Mounting Option: M = S, P, W, C Lumen Package: WW = 08, 13, 15, 17, 23, 28, 33, 40, 45, 50, 55 CCT: XX = 27, 30, 35, 40, 50 Voltage: MVOLT (120V-277V) CRI: YY = 80, 90 Driver: UU = FD, EZ1, EZ10, EZB, ZT, GZ1 Trim Type: ZZ = HM, HW, P, WPR Trim Color/Finish: CC = CS, CSS, CD

LABELS AND LISTINGS

• Tested to UL1598 and CSA C22.2 250 and listed for damp locations • RoHS compliant • EMI complies with FCC 47, Part 15, Class A • ENERGY STAR® certified, see table above for designated products • I.B.E.W. Union made

PERFORMANCE

LIGHT ENGINE	08LM	13LM	15LM	17LM	23LM	28LM	33LM	40LM	45LM	50LM	55LM
120V (50/60HZ)											
INPUT CURRENT	0.063	0.098	0.115	0.132	0.180	0.221	0.263	0.334	0.328	0.364	0.410
INPUT WATTAGE	7.53	11.74	13.66	15.82	21.52	26.46	31.62	40.14	39.41	43.54	49.08
THD%	6.42	5.19	4.61	3.86	5.09	5.46	4.43	4.53	6.03	6.03	6.23
POWER FACTOR	0.993	0.993	0.992	0.994	0.994	0.995	0.997	0.998	0.996	0.996	0.996
277V (50/60HZ)											
INPUT CURRENT	0.031	0.048	0.056	0.063	0.085	0.100	0.123	0.150	0.153	0.167	0.187
INPUT WATTAGE	7.87	11.84	13.81	15.89	21.65	26.19	31.83	39.68	39.74	43.80	49.02
THD%	12.00	11.62	11.31	11.34	9.93	9.04	10.48	8.79	9.15	8.07	9.85
POWER FACTOR	0.904	0.885	0.887	0.907	0.918	0.943	0.932	0.953	0.934	0.943	0.944
347V (50/60HZ)											
INPUT CURRENT	0.025	0.038	0.043	0.050	0.067	0.083	0.099	0.128	*	*	*
INPUT WATTAGE	8.59	12.99	14.91	17.15	23.20	28.54	34.05	44.12	*	*	*
THD%	13.05	11.53	10.41	9.69	7.79	7.26	6.54	5.77	*	*	*
POWER FACTOR	0.987	0.992	0.990	0.991	0.992	0.995	0.993	0.996	*	*	*
HYPERBOLIC REFLECTOR: L6 HW CS (35K 80CRI)											
DELIVERED LUMENS (L6 HW CS)	842	1,404	1,622	1,847	2,486	2,998	3,489	4,242	4,511	4,936	5,466
EFFICACY (LPW)	112	120	119	117	116	113	110	106	114	113	111
PARABOLIC REFLECTOR: L6 P CS (35K 80CRI)											
DELIVERED LUMENS (L6 P CS)	666	1,111	1,284	1,462	1,968	2,373	2,762	3,358	3,657	4,002	4,431
EFFICACY (LPW)	89	95	94	92	91	90	87	84	93	92	90

OPTICAL DISTRIBUTIONS

HYPERBOLIC BEAM SPREAD		
Trim	08LM - 40LM	45LM - 55LM
L6 HM CS	53°	60°
L6 HM CSS	53°	60°
L6 HM CD	65°	65°
L6 HW CS	71°	73°
L6 HW CSS	71°	73°
L6 HW CD	71°	73°

PARABOLIC BEAM SPREAD		
Trim	08LM - 40LM	45LM-55LM
L6 P CS	65°	66°
L6 P CSS	62°	63°
L6 P CD	72°	72°
L6 WPR CS	78°	78°
L6 WPR CSS	78°	78°
L6 WPR CD	78°	78°

LUMEN MULTIPLIERS

CCT	MULTIPLIER
2700K	0.90
3000K	0.96
3500K	1.00
4000K	1.01
5000K	1.04

CRI	MULTIPLIER
80CRI	1.00
90CRI	0.83

HYPERBOLIC TRIM	MULTIPLIER
L6 HM CS	0.98
L6 HM CSS	0.95
L6 HM CD	0.84
L6 HW CS	1.00
L6 HW CSS	0.97
L6 HW CD	0.89

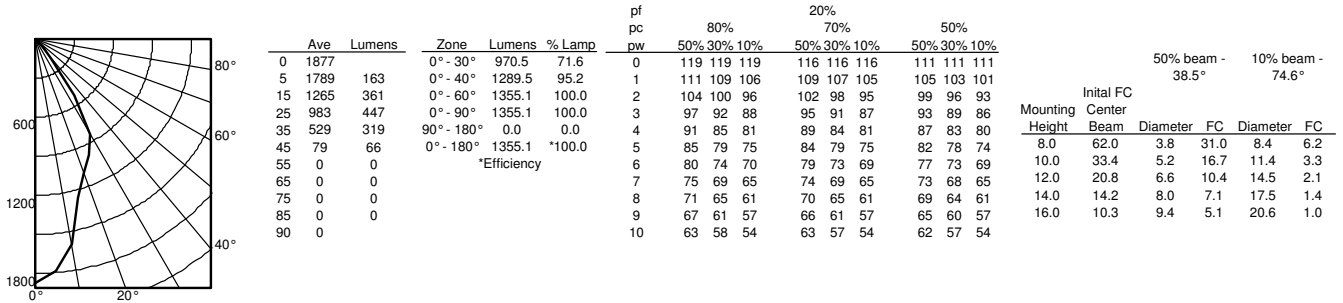
PARABOLIC TRIM	MULTIPLIER
L6 P CS	1.00
L6 P CSS	0.96
L6 P CD	0.88
L6 WPR CS	0.98
L6 WPR CSS	0.96
L6 WPR CD	0.91

Applying Lumen Multipliers to Calculate Delivered Lumens								
Base Fixture Delivered Lumens (from Performance Table)	x	CCT Multiplier	x	CRI Multiplier	x	Trim Multiplier	=	Delivered Lumens for Desired Fixture and Reflector
Example: LC6S 23LM 30K MVOLT 90CRI G4 ZT HM CD								
2486 Lumens	x	0.96	x	0.83	x	0.84	=	1664 Lumens

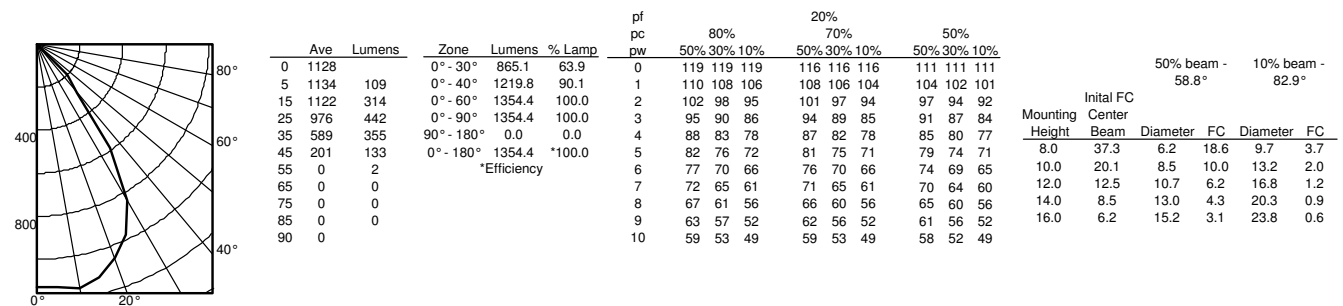
HYPERBOLIC PHOTOMETRICS

Distribution Curve	Distribution Data	Output Data	Coefficient of Utilization	Illuminance Data at 30" Above Floor for a Single Luminaire
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LC6S 13LM 35K + L6 HM CS, 3500K LEDs, input watts: 11.74, delivered lumens: 1355.1, LM/W = 115.4, Spacing Criteria: 0.6, test no. PR07172088, tested in accordance to IESNA LM-79.



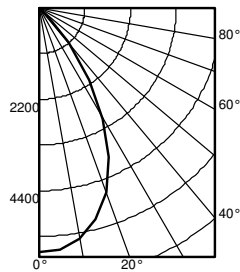
LC6S 13LM 35K + L6 HW CS, 3500K LEDs, input watts: 11.74, delivered lumens: 1354.4, LM/W = 115.4, Spacing Criteria: 1.1, test no. PR07172089, tested in accordance to IESNA LM-79.



HYPERBOLIC PHOTOMETRICS

Distribution Curve	Distribution Data	Output Data	Coefficient of Utilization	Illuminance Data at 30" Above Floor for a Single Luminaire
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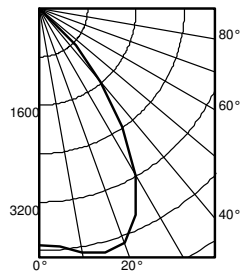
LC6S 55LM 35K + L6 HM CS, 3500K LEDs, input watts: 51.08, delivered lumens: 5406.5, LM/W = 105.8, Spacing Criteria: 0.9, test no. PR07172072, tested in accordance to IESNA LM-79.



					pf	20°															
					pc	80%			70%			50%									
Ave	Lumens	Zone	Lumens	% Lamp	pw	50%	30%	10%	50%	30%	10%	50%	30%	10%							
0	5888	0° - 30°	3803.4	70.3	0	119	119	119	116	116	116	111	111	111							
5	5841	549	0° - 40°	5087.2	94.1	1	111	108	106	109	106	105	103	101							
15	5267	1465	0° - 60°	5406.0	100.0	2	103	99	96	102	98	95	98	93							
25	3945	1790	0° - 90°	5406.5	100.0	3	96	91	87	95	90	87	92	88	85						
35	2101	1284	90° - 180°	0.0	0.0	4	90	84	80	89	84	80	87	82	79						
45	314		0° - 180°	5406.5	*100.0	5	84	78	74	83	78	74	81	77	73						
55	0	1	*Efficiency			6	79	73	69	78	73	69	77	72	68						
65	0	0				7	74	68	64	74	68	64	72	67	63						
75	0	0				8	70	64	60	69	64	60	68	63	59						
85	0	0				9	66	60	56	65	60	56	64	59	56						
90	1					10	62	56	53	62	56	52	61	56	52						

										Initial FC		50° beam - 49.9°		10° beam - 78.2°	
Mounting Height		Center Beam		Diameter		FC		Diameter		FC					
8.0		194.6		5.1		97.3		8.9		19.5					
10.0		104.7		7.0		52.3		12.2		10.5					
12.0		65.2		8.8		32.6		15.5		6.5					
14.0		44.5		10.7		22.3		18.7		4.5					
16.0		32.3		12.6		16.2		22.0		3.2					

LC6S 55LM 35K + L6 HW CS, 3500K LEDs, input watts: 51.08, delivered lumens: 5376.3, LM/W = 105.3, Spacing Criteria: 1.2, test no. PR07172073, tested in accordance to IESNA LM-79.



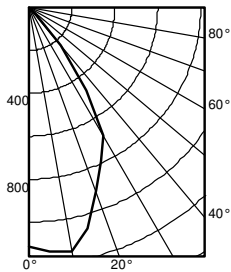
					pf	20%						50%											
					pc	80%			70%			50%											
					pw	50%	30%	10%	50%	30%	10%	50%	30%	10%									
Ave	Lumens	Zone	Lumens	% Lamp																			
0	3912	0° - 30°	3257.5	60.6	0	119	119	119	116	116	116	111	111	111									
5	3956	383	0° - 40°	4736.8	88.1	1	110	108	105	108	106	104	104	102	100								
15	4183	1175	0° - 60°	5376.3	100.0	2	102	98	94	100	96	93	97	94	91								
25	3754	1699	0° - 90°	5376.3	100.0	3	94	89	85	93	88	84	90	86	83								
35	2399	1479	90° - 180°	0.0	0.0	4	87	82	77	86	81	77	84	79	76								
45	848	627	0° - 180°	5376.3	*100.0	5	81	75	70	80	74	70	78	73	69								
55	0	13	*Efficiency			6	76	69	64	75	69	64	73	68	64								
65	0	0				7	70	64	59	70	64	59	68	63	59								
75	0	0				8	66	59	55	65	59	55	64	58	54								
85	0	0				9	61	55	51	61	55	51	60	54	51								
90	0					10	58	51	47	57	51	47	56	51	47								

										50° beam - 61.4°		10° beam - 87.4°					
														Initial FC			
Mounting		Height		Beam		Diameter		FC		Diameter		FC					
8.0		129.3		6.5		64.7		10.5		12.9							
10.0		69.5		8.9		34.8		14.3		7.0							
12.0		43.3		11.3		21.7		18.2		4.3							
14.0		29.6		13.7		14.8		22.0		3.0							
16.0		21.5		16.0		10.7		25.8		2.1							

PARABOLIC PHOTOMETRICS

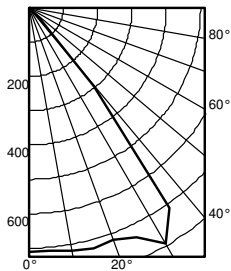
Distribution Curve	Distribution Data	Output Data	Coefficient of Utilization	Illuminance Data at 30" Above Floor for a Single Luminaire
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LC6S 13LM 35K + L6 P CS, 3500K LEDs, input watts: 11.74, delivered lumens: 1118.7, LM/W = 95.3, Spacing Criteria: 1.0, test no. PR07172051, tested in accordance to IESNA LM-79.



						pf	80%			70%			50%								
	Ave	Lumens	Zone	Lumens	% Lamp	pc pw	50%	30%	10%	50%	30%	10%	50%	30%	10%						
0	1116		0° - 30°	767.1	68.6	0	119	119	119	116	116	116	111	111	111						
5	1141	109	0° - 40°	1052.9	94.1	1	111	108	106	109	106	104	105	103	101						
15	1065	293	0° - 60°	1118.7	100.0	2	103	99	96	101	98	95	98	95	93						
25	789	364	0° - 90°	1118.7	100.0	3	96	91	87	95	90	86	92	88	85						
35	470	286	90° - 180°	0.0	0.0	4	90	84	80	89	73	79	86	82	78						
45	50	63	0° - 180°	1118.7	*100.0	5	84	78	74	83	77	73	81	76	73						
55	1	3	*Efficiency			6	79	73	68	78	72	68	76	71	67						
65	0	0				7	74	68	63	73	67	63	72	67	63						
75	0	0				8	69	63	59	69	63	59	68	62	59						
85	0	0				9	65	59	55	65	59	55	64	59	55						
90	0					10	62	56	52	61	56	52	60	55	52						

LC6S 13LM 35K + L6 WPR CS, 3500K LEDs, input watts: 11.74, delivered lumens: 1086.2, LM/W = 92.5, Spacing Criteria: 1.4, test no. PR11171491P8, tested in accordance to IESNA LM-79.



					pf	20%									50%							
					pc	80%			70%			50%										
Ave	Lumens	Zone	Lumens	% Lamp	pw	50%	30%	10%	50%	30%	10%	50%	30%	10%								
0	713	0° - 30°	620.4	57.1	0	119	119	119	116	116	116	111	111	111								
5	712	68	0° - 40°	1007.7	92.8	1	110	108	105	108	106	104	102	100	50% beam - 71.2° 10% beam - 84.8°							
15	726	205	0° - 60°	1084.8	99.9	2	102	98	94	100	96	93	97	94								
25	738	347	0° - 90°	1086.2	100.0	3	94	89	85	93	88	84	90	86								
35	711	387	90° - 180°	0.0	0.0	4	87	81	77	86	80	76	84	79								
45	477	73	0° - 180°	1086.2	*100.0	5	81	74	70	80	74	69	78	73								
55	3	4	*Efficiency			6	75	68	64	74	68	64	73	67								
65	2	1				7	70	63	59	69	63	58	68	62								
75	0	0				8	65	58	54	64	58	54	63	57								
85	0	0				9	61	54	50	60	54	50	59	53								
90	0					10	57	50	46	56	50	46	55	50								

Mounting Height

8.0

10.0

12.0

14.0

16.0

Center Beam

23.6

12.7

7.9

5.4

3.9

Diameter

7.9

10.7

13.6

16.5

19.3

FC

11.8

6.3

4.0

2.7

2.0

Diameter

10.0

13.7

17.3

21.0

24.6

FC

2.4

1.3

0.8

0.5

0.4

PARABOLIC PHOTOMETRICS

Distribution Curve

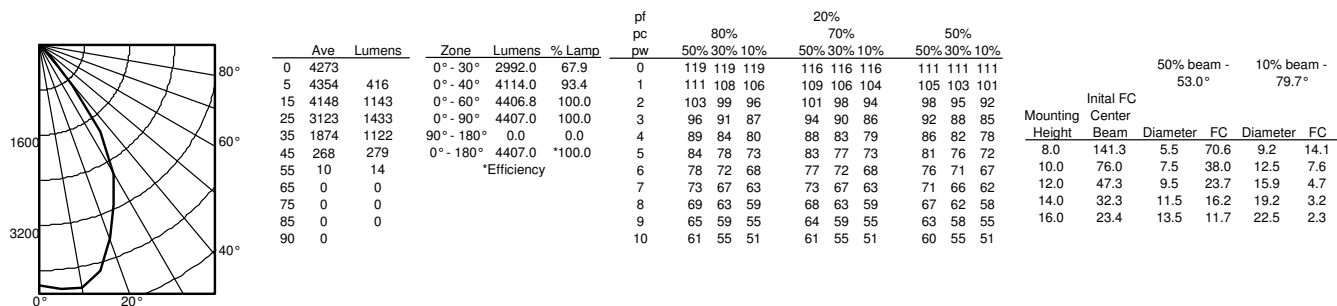
Distribution Data

Output Data

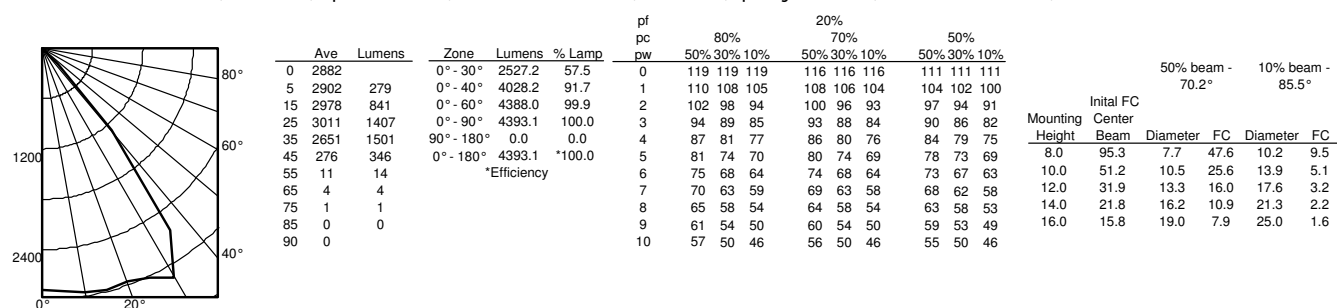
Coefficient of Utilization

Illuminance Data at 30" Above Floor for a Single Luminaire

LC6S 55LM 35K + L6 P CS, 3500K LEDs, input watts: 51.08, delivered lumens: 4407.0, LM/W = 86.3, Spacing Criteria: 1.0, test no. PR07172074, tested in accordance to IESNA LM-79.



LC6S 55LM 35K + L6 WPR CS, 3500K LEDs, input watts: 51.08, delivered lumens: 4393.1, LM/W = 86, Spacing Criteria: 1.4, test no. PR11170991P13, tested in accordance to IESNA LM-79.



PERFORMANCE DATA

LUMINAIRES SPACED 2' FROM WALL

Catalog Number: LC6(X) 55LM 35K MVOLT G4 80CRI ZT; L6 HWS CS Spread: Single Wall Test #: PRO6151891P

Single Unit						Lamp	Multiple Units On 2' Centers*			Multiple Units On 3' Centers*			Multiple Units On 4' Centers*		
Lateral Distance From Fixture 2' From Wall						BXRA N4000 4000K	Spaced 2' From Wall			Spaced 2' From Wall			Spaced 2' From Wall		
0'	1'	2'	3'	4'	5'	Distance From Ceiling	CL	CL	CL	CL	CL	CL	CL	CL	CL
56	41	19	7	4	4	1'	96	93	96	70	61	70	62	37	62
88	67	34	13	6	5	2'	160	156	160	114	103	114	98	68	98
69	54	30	14	7	6	3'	133	132	133	95	89	95	80	60	80
51	44	28	14	8	6	4'	111	113	111	77	79	77	63	56	63
31	34	25	14	9	6	5'	88	95	88	59	68	59	44	51	44
22	26	20	15	9	7	6'	74	81	74	50	59	50	37	44	37
17	21	18	13	9	7	7'	64	70	64	44	51	44	33	38	33
14	18	15	11	9	7	8'	55	61	55	39	45	39	30	32	30
11	14	12	9	7	6	9'	44	50	44	31	38	31	24	26	24
7	10	9	7	6	4	10'	33	37	33	24	21	24	17	21	17

LUMINAIRES SPACED 3' FROM WALL

Catalog Number: LC6(X) 55LM 35K MVOLT G4 80CRI ZT; L6 HWS CS Spread: Single Wall Test #: PRO6151891P

Single Unit						Lamp	Multiple Units On 3' Centers*			Multiple Units On 4' Centers*			Multiple Units On 6' Centers*		
Lateral Distance From Fixture 3' From Wall						BXRA N4000 4000K	Spaced 3' From Wall			Spaced 3' From Wall			Spaced 3' From Wall		
0'	1'	2'	3'	4'	5'	Distance From Ceiling	CL	CL	CL	CL	CL	CL	CL	CL	CL
20	17	12	8	5	4	1'	33	33	33	27	26	27	21	12	21
41	36	25	15	9	6	2'	72	70	72	57	54	57	45	27	45
42	37	27	18	11	7	3'	77	76	77	61	57	61	46	32	46
36	32	24	16	11	8	4'	68	67	68	53	51	53	40	29	40
32	28	21	15	10	8	5'	61	61	61	48	57	48	35	28	35
25	25	20	15	11	8	6'	54	57	54	42	45	42	30	28	30
19	21	18	14	11	9	7'	48	53	48	36	42	36	24	27	24
15	17	16	13	10	8	8'	42	48	42	32	38	32	22	24	22
12	14	13	11	9	7	9'	35	41	35	26	32	26	18	20	18
8	10	10	7	7	6	10'	28	31	28	21	25	21	14	16	14

LUMINAIRES SPACED 4' FROM WALL

Catalog Number: LC6(X) 55LM 35K MVOLT G4 80CRI ZT; L6 HWS CS Spread: Single Wall Test #: PRO6151891P

Single Unit						Lamp	Multiple Units On 3' Centers*			Multiple Units On 4' Centers*			Multiple Units On 6' Centers*		
Lateral Distance From Fixture 4' From Wall						BXRA N4000 4000K	Spaced 4' From Wall			Spaced 4' From Wall			Spaced 4' From Wall		
0'	1'	2'	3'	4'	5'	Distance From Ceiling	CL	CL	CL	CL	CL	CL	CL	CL	CL
11	10	8	6	5	4	1'	22	22	22	18	18	18	14	11	14
22	20	16	12	9	7	2'	47	46	47	37	36	37	27	23	27
28	26	21	16	12	9	3'	61	62	61	48	47	48	35	31	35
26	24	20	16	12	10	4'	60	60	60	47	46	47	34	30	34
23	22	18	15	12	9	5'	54	55	54	43	43	43	31	28	31
22	20	17	14	11	9	6'	51	51	51	40	40	40	29	26	29
20	19	16	14	11	9	7'	49	50	49	39	39	39	27	26	27
16	17	15	12	10	9	8'	44	47	44	34	37	34	24	24	24
12	13	13	11	9	8	9'	37	41	37	28	32	28	19	20	19
9	10	10	8	8	7	10'	29	31	29	22	25	22	15	18	15

*Based on minimum of five luminaires. Reflectances: 80, 50, 20. Values are rounded to nearest whole footcandle.

Fixtures tested to IES recommended standard for solid state lighting per LM-79-08. Photometric performance on a single unit represents a baseline of performance for the fixture. Results may vary in the field.

PERFORMANCE DATA

LUMINAIRES SPACED 2' FROM WALL

Catalog Number: LC6(X) 55LM 35K MVOLT G4 80CRI ZT; L6 WS CS Spread: Single Wall Test #: PR04152492P

Single Unit						Lamp	Multiple Units On 2' Centers*		Multiple Units On 3' Centers*		Multiple Units On 4' Centers*	
Lateral Distance From Fixture 2' From Wall						BXRA N4000 4000K	Spaced 2' From Wall		Spaced 2' From Wall		Spaced 2' From Wall	
0'	1'	2'	3'	4'	5'	Distance From Ceiling	CL	CL	CL	CL	CL	CL
37	27	12	6	4	4	1'	62	59	62	47	39	42
74	53	26	11	6	5	2'	127	123	127	93	81	93
74	55	28	13	7	6	3'	132	131	132	98	86	98
55	49	31	15	8	6	4'	121	124	121	82	88	82
31	34	28	17	10	7	5'	95	100	95	63	72	63
22	25	21	17	11	8	6'	77	82	77	54	59	54
17	19	17	14	11	9	7'	65	70	65	46	51	46
14	16	14	12	10	9	8'	55	59	55	40	44	40
10	12	11	10	8	7	9'	43	47	43	32	36	32
7	9	8	7	7	5	10'	31	34	31	24	27	24

LUMINAIRES SPACED 3' FROM WALL

Catalog Number: LC6(X) 55LM 35K MVOLT G4 80CRI ZT; L6 WS CS Spread: Single Wall Test #: PR04152492P

Single Unit						Lamp	Multiple Units On 3' Centers*		Multiple Units On 4' Centers*		Multiple Units On 6' Centers*	
Lateral Distance From Fixture 3' From Wall						BXRA N4000 4000K	Spaced 3' From Wall		Spaced 3' From Wall		Spaced 3' From Wall	
0'	1'	2'	3'	4'	5'	Distance From Ceiling	CL	CL	CL	CL	CL	CL
13	11	8	6	4	4	1'	22	22	22	18	17	18
32	27	18	11	7	6	2'	53	51	53	43	39	43
37	32	23	15	9	7	3'	64	63	64	51	47	51
37	32	23	15	10	8	4'	65	64	65	53	49	53
35	31	24	16	11	8	5'	66	66	66	51	51	51
26	26	23	17	12	9	6'	59	62	59	45	50	45
19	21	20	16	13	10	7'	52	56	52	39	44	39
15	17	16	14	11	10	8'	45	50	45	35	39	35
12	13	12	11	10	9	9'	37	42	37	29	32	29
8	10	10	8	8	8	10'	30	22	30	23	25	23

LUMINAIRES SPACED 4' FROM WALL

Catalog Number: LC6(X) 55LM 35K MVOLT G4 80CRI ZT; L6 WS CS Spread: Single Wall Test #: PR04152492P

Single Unit						Lamp	Multiple Units On 3' Centers*		Multiple Units On 4' Centers*		Multiple Units On 6' Centers*	
Lateral Distance From Fixture 4' From Wall						BXRA N4000 4000K	Spaced 4' From Wall		Spaced 4' From Wall		Spaced 4' From Wall	
0'	1'	2'	3'	4'	5'	Distance From Ceiling	CL	CL	CL	CL	CL	CL
7	7	6	5	4	4	1'	15	15	15	13	13	13
17	15	12	9	7	6	2'	33	33	33	27	26	27
23	21	17	13	10	8	3'	48	48	48	38	37	38
24	22	18	14	11	9	4'	51	51	51	40	40	40
24	22	18	14	11	9	5'	52	52	52	41	41	41
24	22	19	15	11	9	6'	53	54	53	42	42	42
22	21	18	15	12	10	7'	53	54	53	42	42	42
17	18	16	14	12	10	8'	48	51	48	37	40	37
12	13	13	12	10	9	9'	40	43	40	31	34	31
9	10	10	9	8	8	10'	32	33	32	24	27	24

*Based on minimum of five luminaires. Reflectances: 80, 50, 20. Values are rounded to nearest whole footcandle.

Fixtures tested to IES recommended standard for solid state lighting per LM-79-08. Photometric performance on a single unit represents a baseline of performance for the fixture. Results may vary in the field.

CONTROLS

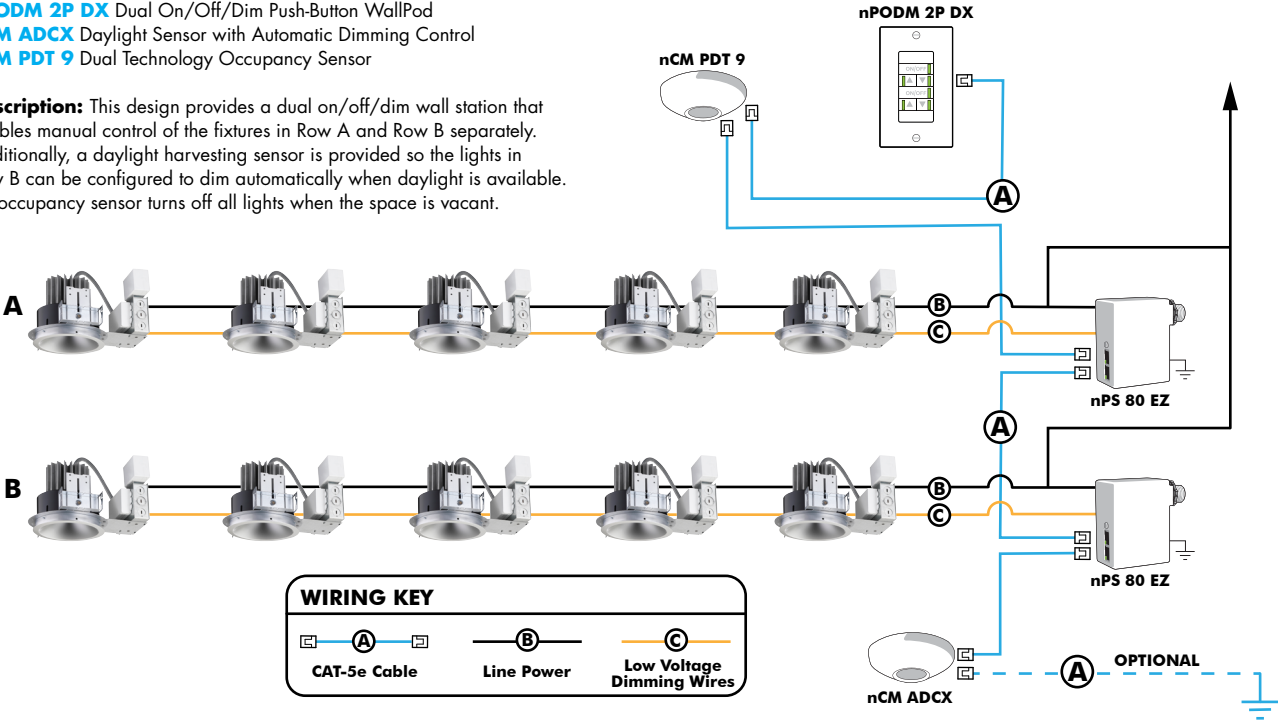
EXAMPLE

Group Fixture Control*

*Application diagram applies for fixtures with eldoLED drivers only.

nPS 80 EZ Dimming/Control Pack (qty: 2 required)
nPODM 2P DX Dual On/Off/Dim Push-Button WallPod
nCM ADCX Daylight Sensor with Automatic Dimming Control
nCM PDT 9 Dual Technology Occupancy Sensor

Description: This design provides a dual on/off/dim wall station that enables manual control of the fixtures in Row A and Row B separately. Additionally, a daylight harvesting sensor is provided so the lights in Row B can be configured to dim automatically when daylight is available. An occupancy sensor turns off all lights when the space is vacant.



Choose Wall Controls

nLight offers multiple styles of wall controls - each with varying features and user experience.



Push-Button Wallpod
Traditional tactile buttons and LED user feedback



Graphic Wallpod
Full color touch screen provides a sophisticated look and feel

nLight® Wired Controls Accessories:

Order as separate catalog number. Visit www.acuitybrands.com/products/controls/nlight for complete listing of nLight controls.			
WallPod Stations	Model number	Occupancy sensors	Model Number
On/Off	nPODM (Color)	Small motion 360°, ceiling (PIR/dual Tech)	nCM 9 / nCM PDT 9
On/Off & Raise/Lower	nPOD DX (Color)	Large motion 360°, ceiling (PIR/dual tech)	nCM 10 / nCM PDT 10
Graphic Touchscreen	nPOD GFX (Color)	Wide View (PIR/dual tech)	nWV 16 / nWV PDT 16
Photocell controls	Model Number	Wall Switch w/ Raise/Lower (PIR/dual tech)	nWSX LV DX / nWSX PDT LV DX
Dimming	nCM ADCX	Cat-5 cables (plenum rated)	Model Number
		10', CAT5 10FT	CAT5 10FT J1
		15, CAT5 15FT	CAT5 15FT J1



Capable Luminaire

This item is an A+ capable luminaire, which has been designed and tested to provide consistent color appearance and out-of-the-box control compatibility with simple commissioning.

- All configurations of this luminaire meet the Acuity Brand's specification for chromatic consistency.
- This luminaire is part of an A+ Certified solution for nLight control networks when ordered with drivers marked by a Shaded background*
- This Luminaire is part of an A+ Certified solution for nLight control networks, providing advanced control functionality at the luminaire level, when selection includes driver and control options marked by a shaded background*

To learn more about A+, visit www.acuitybrands.com/aplus.

*See ordering tree for details

nLight® AIR Control Accessories:

Order as separate catalog number. Visit www.acuitybrands.com/products/controls/nlightair.

Wall switches	Model number
On/Off single pole	rPODB [color]
On/Off two pole	rPODB 2P [color]
On/Off & raise/lower single pole	rPODB DX [color]
On/Off & raise/lower two pole	rPODB 2P DX [color]
On/Off & raise/lower single pole	rPODBZ DX WH ¹

Notes

1 Can only be ordered with the RES7Z zone control sensor version.

nLight AIR

nLight AIR is the ideal solution for retrofit or new construction spaces where adding communication is cost prohibitive. The integrated nLight AIR rPP20 Power Pack is part of each Indy L-Series Luminaire. These individually addressable controls offer the ultimate in flexibility during initial setup and for space repurposing.

**Simple as 1,2,3**

1. Install the nLight® AIR fixtures with embedded smart sensor
2. Install the wireless battery-powered wall switch
3. With CLAIRITY app, pair the fixtures with the wall switch and if desired, customize the sensor settings for the desired outcome

