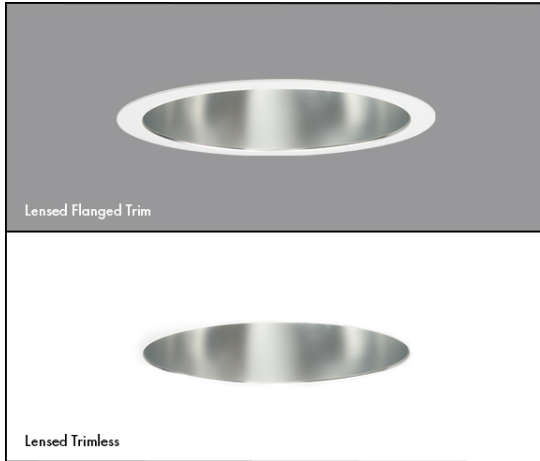


6"

Architectural LED Downlight

EPD-6

Edison Series



Application

A complete family of downlights, accent lights, wallwashers, double wallwashers, and corner wallwashers in multiple beam spreads and apertures designed for commercial, civic, museums, corporate, hospitality, academic, retail, medical, and houses of worship.

Features

- Exceptional Optical Quality: Up to 98 CRI, 1×2 Step MacAdam Ellipse.
- Shipped standard with a Solite Beam Smoother lens that removes striations from the light source.
- Available with a multitude of dimming protocols and control offerings.

Lumens	900, 1200, 1500, 2000, 3000, 4000, 6000, 8000
CCT & Dynamic Platforms	22K, 27K, 30K, 35K, 40K, 50K Dims to Warm: 30K-18K, 30K-22K or 27K-18K Xicato Artist: 27K, 30K, 35K, 40K, 30K-VIB Natural Spectrum: 27K, 30K, 35K, 40K, 50K, 65K
CRI	90+ Standard, 98+
Color Quality	2 Step MacAdam Ellipse
Distributions	NSPD (15°), SPD (24°), ND (30°), MD (36°), MWD (52°), WD (60°), VWD (70°)
Trim Options	Downlight, Wall Wash, Double Wall Wash, Corner Wall Wash, Wet Location
Reflector Colors	CL (Semi-Specular Chrome), SHZ (Low Iridescent Satin Haze), WT (Wheat), W (White), BK (Black), BZ (Bronze)
Flange Colors	TL (Trimless), WH (Self-Flanged White), SCH (Self-Flanged Semi-Specular Chrome), SHZ (Self-Flanged Low Iridescent Satin Haze), BK (Self-Flanged Black), BZ (Self-Flanged Bronze)
Emergency	EMG-LED-10W, EMG-LED-20W, INTG-EMG-LED-10W, INTG-EMG-LED-20W, EMG-SDT-LED-10W
Lifetime	L70 at 102,000 Hours
Photometric Tests	In Accordance with IES LM79-08, LM80 and TM-30, TM-21



6"

Architectural LED Downlight

EPD-6

Edison Series

PART NUMBER: **EPD-6-900L-22K-90-NSPD-DIM10-120V**

Series	Lumens	CCT	CRI	Optics	Drivers	Voltage	Emergency	Options
EPD-6	900L	22K	90+	NSPD	DIM10	120V	-	-
	1200L	27K	98+ 2	SPD	LUTH	277V	EMG-LED-10W	CP 7
	1500L	30K		ND	LUT2W 3	MVOLT	EMG-LED-20W	USA
	2000L	35K		MD	LUTFTB 4	347V 5	INTG-EMG-LED-10W	
	3000L	40K		MWD	ELDO10.1		INTG-EMG-LED-20W	
	4000L	50K 1		WD	ELDODMX.1		EMG-SDT-LED-10W	
	6000L			VWD	ELDODALI.1			
8000L 6				DIMTR 3				
				BLE-CASAMBI				

1 50K series are available with 85+ CRI only 2 98+ CRI is available in 27K, 30K and 40K only 3 DIMTR and LUT2W available for luminaires up to 4000L in 120V only
 4 LUTFTB Available for luminaires up to 1500L 5 347V is available in only DIM10 6 The 8000L is available in only DIM10 7 CP Available for luminaires up to 1500L

PART NUMBER: **EPD-6-WDM-30K-18K-900L-90-NSPD-DIM10-120V**

Series	Technology	Lumens	CRI	Optics	Drivers	Voltage	Emergency	Options
EPD-6 <i>(Dim to Warm)</i>	WDM-30K-18K	900L	90+	NSPD	DIM10	120V	-	-
	WDM-30K-22K	1200L		SPD	LUTH	277V	EMG-LED-10W	CP 3
	WDM-27K-18K	1500L		ND	LUT2W 1	MVOLT	EMG-LED-20W	USA
		2000L		MD	LUTFTB 2		INTG-EMG-LED-10W	
		3000L		MWD	DIMTR 1		INTG-EMG-LED-20W	
		4000L		WD	ELDO10.1		EMG-SDT-LED-10W	
				VWD	ELDODALI.1			
				ELDODMX.1				
				BLE-CASAMBI				

1 DIMTR and LUT2W available in 120V only 2 LUTFTB Available for luminaires up to 1500L 3 CP Available for luminaires up to 1500L

PART NUMBER: **EPD-6-XIA-900L-27K-98-NSPD-DIM10-120V**

Series	Technology	Lumens	CCT	CRI	Optics	Drivers	Voltage	Emergency	Options
EPD-6 <i>(Xicato Artist)</i>	XIA	900L	27K	98+	NSPD	DIM10	120V	-	-
		1200L	30K		SPD	LUTH	277V	EMG-LED-10W	CP 4
		1500L	30K-VIB		ND	LUT2W 1	MVOLT	EMG-LED-20W	USA
		2000L	35K		MD	LUTFTB 2	347V 3	INTG-EMG-LED-10W	
		3000L	40K		MWD	ELDO10.1		INTG-EMG-LED-20W	
				WD	ELDODMX.1		EMG-SDT-LED-10W		
				VWD	ELDODALI.1				
					DIMTR 1				
					BLE-CASAMBI				

1 DIMTR and LUT2W available in 120V only 2 LUTFTB Available for luminaires up to 1500L 3 347V is available in only DIM10 4 CP Available for luminaires up to 1500L

6"

Architectural LED Downlight

EPD-6


























Edison Series

PART NUMBER: **EPD-6-NSL-900L-27K-97-NSPD-DIM10-120V**

Series	Technology	Lumens	CCT	CRI	Optics	Drivers	Voltage	Emergency	Options
EPD-6 <i>(Natural Spectrum)</i>	NSL	900L	27K	97+	NSPD	DIM10	120V	-	-
		1200L	30K		SPD	LUTH	277V	EMG-LED-10W	CP 4
		1500L	35K		ND	LUT2W 1	MVOLT	EMG-LED-20W	USA
		2000L	40K		MD	LUTFTB 2	347V 3	INTG-EMG-LED-10W	
		3000L	50K		MWD	ELDO10.1		INTG-EMG-LED-20W	
			65K	WD	ELDODMX.1		EMG-SDT-LED-10W		
				VWD	ELDODALI.1				
					DIMTR 1				
					BLE-CASAMBI				

1 DIMTR and LUT2W available in 120V only **2** LUTFTB Available for luminaires up to 1500L **3** 347V is available in only DIM10 **4** CP Available for luminaires up to 1500L

ORDER GUIDE

REFLECTOR TYPE				MOUNTING	COLOR				
REFLECTOR TYPE				MOUNTING	COLOR				
Open Downlight EPD-6-601	Wall Wash EPD-6-607	Double Wall Wash EPD-6-677	Corner Wall Wash EPD-6-627	Flanged 	ANODIZED FLANGED				
					Clear White CL-WH 	Clear Bronze CL-BZ 	Black White BK-WH 	Satin Haze SHZ-SHZ 	Wheat WT-WT 
					Clear Semi-Spec CL-SCH 	Satin Haze White SHZ-WH 	Black BK-BK 	Satin Haze Black SHZ-BK 	
					Clear Black CL-BK 	White WH-WH 	Bronze BZ-BZ 	Wheat White WT-WH 	
Open Downlight EPD-6-TL-601	Wall Wash EPD-6-TL-607			Trimless 	ANODIZED TRIMLESS				
					White WH 	Black BK 	Clear CL 	Satin Haze SHZ 	



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Modifications Available

Consult factory for modification requests; orders may require shop drawing approval.

Downlight

Our signature anodized reflector, spun to a reverse parabola design, achieves a 50° shielding angle and a 40° cut-off, which eliminates inter-reflections, and enhances low aperture brightness

Wall Wash

The optical assembly delivers uniform ceiling-to-floor wallwashing without creating any visible scallops. The optical assembly is specially designed to extend a beam in two directions for a uniform floor-to-ceiling and side-to-side wash of light.

Double Wall Wash

Used in a corridor to wash both walls, providing both horizontal and vertical illumination that fully illuminates corridors and hallways.

Corner Wall Wash

Replacing the effect that two luminaires provide, a corner wallwasher kicks light across corners that run perpendicular to one another, ultimately providing a 210° wash of light fully covering conjoined walls and surfaces.

Optical Performance and Trim

Spun aluminum anodized single piece reflector. The optical system consists of 1) an upper reflector for a precise beam spread; 2) a solite soft focus lens to diffuse the light source for smooth, striation-free distribution; 3) and a patented lens to control the beam angle and provide a 40° visual cutoff. Available in a variety of beam angles. Integral heatsink comes preinstalled on the housing for maximum heat dissipation and locks together with the reflector to prevent zero light leakage for above the ceiling.

Fully Servicable - Easy Installation & Upgrading

Housing may be installed in ceilings of up to 1-1/2 inch thickness without the use of additional collars. Torsion springs on each side of the reflector hold snug to the ceiling, and allows for fast, easy installation into housing, and fast removal for easy access to the junction box from below the ceiling.

Trim Design

Luminaire is designed for installation in sheetrock or T-Bar ceilings to achieve a flush trim detail.

- Trimless option has a perforated face. Installation includes the application of drywall compound over the luminaire's integral spackle screen to the rim of its integral plaster ring.

Housing / Mounting

16-gauge steel, preassembled one-piece construction with integral 27" C-channel mounting brackets included. Mounting brackets may be adjusted up to 28" horizontally, and 2-3/4" vertically, and locking into place.

Emergency Options/Controls

The test switch for the emergency battery can be installed on the side of the reflector (integral INTG-EMG option), or the test switch can be mounted remotely (EMG-LED option). Self Diagnostic emergency option available (EMG-SDT-LED-10W) Typical lumen output of the luminaire is up to 1000L with EMG-LED-10W or INTG-EMG-LED-10W option & 2000L with EMG-LED-20W or INTG-EMG-LED-20W option in emergency mode. Other accessories and controls systems include modular wiring systems, daylight harvesting controls, occupancy sensors, and/or power packs for individual or room control applications.

Driver

120/277V 50/60Hz; 347V available. THD < 20%; power factor >.09. Thermally protected. Removal of the reflector provides complete accessibility to the junction box, driver and internal components from above and below the ceiling through the aperture.

Dim to Warm Option

Dims to Warm simulates traditional incandescent halogen lighting through dimming. When the luminaire dims to warm from 100% to .1%, it makes a smooth transition across the black body radiator while maintaining a constant CRI of 90+. Available in 30K-18K, 30K-22K or 27K-18K range.

Xicato Artist Series LED Module (XIA)

Powered by Xicato Artist Series®, which are tested to IES TM-30-15, with a color fidelity score (Rf) of 96 and a color gamut score (Rg) of 102, and color shift less than du'v' of 0.003. Featuring cold phosphor technology, improving thermal management enhancing color consistency and delaying lumen depreciation.

Natural Spectrum (NSL)

Natural Spectrum LED option is designed for Human Centric lighting application. Natural Spectrum LEDs diminish blue light peak, similar spectral curve to sunlight, accurate rendering of colors and reduced scattered reflection and glare.

Dimming & Driver Information

DIM10 - 0-10V dimming on either MVOLT 120, 277 or 347V. Dimmable down to 1% of initial lumens, standard

LUTH - Lutron LDE1 Hi-Lume Eco System with Soft Fade to Black 1% dimming

LUT2W - Lutron LTEA2W Hi-Lume 1%. 2-wire LED Driver Forward Phase 120V only

LUTFTB - Lutron PEQ0 Hi-Lume Premier Eco System LED Driver with soft-on fade to black 0.1% dimming

ELDO10.1 - EldoLED SoloDrive 0-10V. Dimming down to 0.1%

ELDODMX.1 - EldoLED PowerDrive dimming down to 0.1%. Please see EldoLED website for wiring diagrams and a list of compatible DMX and DALI control systems.

ELDODALI.1 - EldoLED SoloDrive DALI-2. Dimming down to 0.1%

DIMTR - Triac & Electronic low voltage forward phase dimming. Available in 120V only

BLE-CASAMBI - Luminaires may be controlled, grouped, scheduled or placed in scenes, and or zones Via Cassambi Bluetooth 4.0 App."



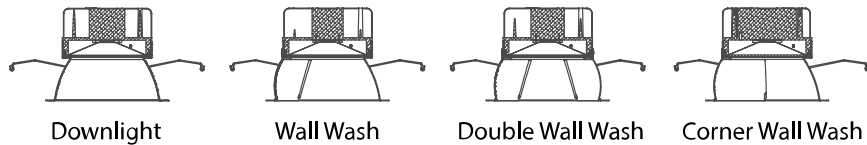
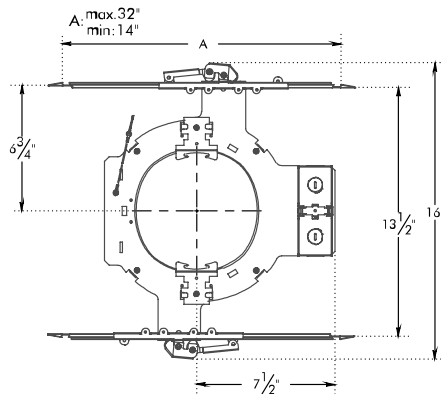
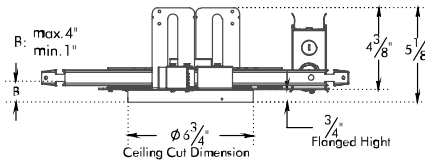
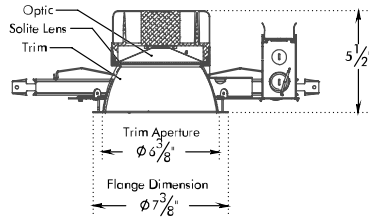
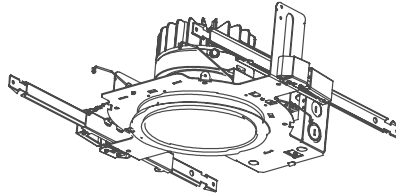
6"

Architectural LED Downlight

EPD-6

Edison Series

FLANGED



6"

Architectural LED Downlight

EPD-6

Edison Series

EPD-6-4000L-40K-90-NSPD-DIM10-MVOLT-EPD-6-601-CL-WH

TEST NO: **EPL05112270**

INPUT WATTS: **38.6**

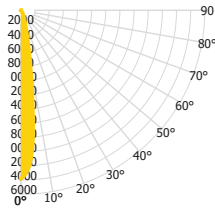
LUMENS: **3986**

EFFICACY: **103**

BEAM ANGLE: **19**

SPACING CRITERIA: **0.26**

CANDELA DISTRIBUTION



CANDELA TABLE

	0°	90°
0°	23792	23792
10°	7538	10215
20°	1485	1942
30°	596	690
40°	202	250
50°	62	73
60°	9	14
70°	1	1
80°	0	0
90°	0	0

LUMINANCE (cd/sq.m)

	0.00°	90.00°
0.00°	905757	905757
45.00°	5537	6698
55.00°	1777	2295
65.00°	187	208
75.00°	90	110
85.00°	31	35

LUMENS PER ZONE

ZONE	LUMENS
0° - 10°	1691
10° - 20°	1327
20° - 30°	535
30° - 40°	283
40° - 50°	108
50° - 60°	35
60° - 70°	4
70° - 80°	1
80° - 90°	0

ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LUMINAIRE
0° - 20°	3018	76%
0° - 30°	3553	89%
0° - 40°	3836	96%
0° - 60°	3979	100%
0° - 80°	3984	100%
0° - 90°	3984	100%

CONE OF LIGHT

MOUNTING HEIGHT	FC AT BEAM CENTER	BEAM DIA. 0°-180°	BEAM DIA. 90°-270°
6.0 ft	660.9 fc	2.0 ft	2.0 ft
8.0 ft	371.8 fc	2.7 ft	2.6 ft
10.0 ft	237.9 fc	3.4 ft	3.3 ft
12.0 ft	165.2 fc	4.1 ft	4.0 ft
14.0 ft	121.4 fc	4.7 ft	4.6 ft
16.0 ft	92.9 fc	5.4 ft	5.3 ft
18.0 ft	73.4 fc	6.1 ft	6.0 ft
20.0 ft	59.5 fc	6.8 ft	6.6 ft

INDOOR COEFFICIENTS OF UTILIZATION

pf	pc	20%																0%
		80%				70%				50%				30%				
pw	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%
1	115	113	111	109	112	111	109	107	107	105	104	103	102	101	100	99	98	96
2	111	107	104	102	109	106	103	101	103	100	98	100	98	96	97	96	94	93
3	107	103	99	96	106	101	98	95	99	96	94	97	94	92	94	93	91	90
4	104	99	95	91	102	97	94	91	95	92	90	94	91	89	92	90	88	87
5	101	95	91	88	99	94	90	87	92	89	87	91	88	86	89	87	85	84
6	98	92	87	84	97	91	87	84	90	86	84	88	85	83	87	85	83	81
7	95	89	84	82	94	88	84	81	87	83	81	86	83	81	85	82	80	79
8	93	86	82	79	92	86	82	79	85	81	79	84	81	78	83	80	78	77
9	90	84	80	77	89	83	79	77	82	79	76	82	78	76	81	78	76	75
10	88	81	77	75	87	81	77	75	80	77	74	80	77	74	79	76	74	73

EPD-6-4000L-40K-90-SPD-DIM10-MVOLT-EPD-6-601-CL-WH

TEST NO: **EPL05112270**

INPUT WATTS: **38.5**

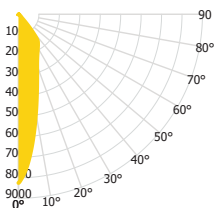
LUMENS: **4390**

EFFICACY: **114**

BEAM ANGLE: **29**

SPACING CRITERIA: **0.41**

CANDELA DISTRIBUTION



CANDELA TABLE

	0°	90°
0°	8250	8250
10°	4918	5790
20°	2668	2925
30°	1897	2004
40°	845	1167
50°	123	136
60°	39	46
70°	6	5
80°	1	1
90°	0	0

LUMINANCE (cd/sq.m)

	0.00°	90.00°
0.00°	314092	314092
45.00°	10848	13237
55.00°	4866	5380
65.00°	886	832
75.00°	437	424
85.00°	135	114

LUMENS PER ZONE

ZONE	LUMENS
0° - 10°	660
10° - 20°	1130
20° - 30°	1084
30° - 40°	1063
40° - 50°	348
50° - 60°	80
60° - 70°	19
70° - 80°	4
80° - 90°	1

ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LUMINAIRE
0° - 20°	1789	41%
0° - 30°	2873	65%
0° - 40°	3937	90%
0° - 60°	4365	99%
0° - 80°	4388	100%
0° - 90°	4388	100%

CONE OF LIGHT

MOUNTING HEIGHT	FC AT BEAM CENTER	BEAM DIA. 0°-180°	BEAM DIA. 90°-270°
6.0 ft	229.2 fc	3.1 ft	3.0 ft
8.0 ft	128.9 fc	4.1 ft	4.0 ft
10.0 ft	82.5 fc	5.1 ft	5.0 ft
12.0 ft	57.3 fc	6.2 ft	6.0 ft
14.0 ft	42.1 fc	7.2 ft	7.0 ft
16.0 ft	32.2 fc	8.2 ft	8.0 ft
18.0 ft	25.5 fc	9.2 ft	9.0 ft
20.0 ft	20.6 fc	10.3 ft	10.0 ft

INDOOR COEFFICIENTS OF UTILIZATION

pf	pc	20%																0%
		80%				70%				50%				30%				
pw	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%
1	113	111	108	106	111	109	106	104	104	103	101	101	99	98	97	96	95	93
2	108	103	99	95	106	101	98	94	98	95	92	95	93	90	92	90	88	87
3	102	96	91	87	100	95	90	86	92	88	85	89	86	84	87	85	82	81
4	97	90	84	80	95	88	83	79	86	82	78	84	81	77	82	79	77	75
5	92	84	78	74	91	83	77	73	81	76	73	79	75	72	78	74	71	70
6	88	79	73	68	86	78	72	68	76	71	68	75	71	67	74	70	67	65
7	83	74	68	64	82	73	68	64	72	67	63	71	66	63	70	66	63	61
8	79	70	64	60	78	69	64	60	68	63	59	67	63	59	66	62	59	58
9	76	66	60	56	75	66	60	56	65	60	56	64	59	56	63	59	56	54
10	72	63	57	53	71	62	57	53	61	56	53	61	56	53	60	56	53	51



6"

Architectural LED Downlight

EPD-6

Edison Series

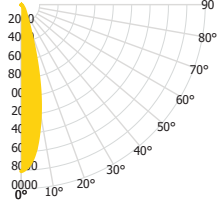
EPD-6-4000L-40K-90-ND-DIM10-MVOLT-EPD-6-601-CL-WH

TEST NO: EPL05112270



INPUT WATTS: 38.6 LUMENS: 4575 EFFICACY: 119 BEAM ANGLE: 27 SPACING CRITERIA: 0.42

CANDELA DISTRIBUTION



CANDELA TABLE

Table with 2 columns: Angle (0°, 90°) and Candela values

LUMINANCE (cd/sq.m)

Table with 2 columns: Angle (0.00°, 90.00°) and Luminance values

LUMENS PER ZONE

Table with 2 columns: Zone and Lumens

ZONAL LUMEN SUMMARY

Table with 3 columns: Zone, Lumens, % Luminaire

CONE OF LIGHT

Table with 4 columns: Mounting Height, FC at Beam Center, Beam Dia. 0°-180°, Beam Dia. 90°-270°

INDOOR COEFFICIENTS OF UTILIZATION

Large table with multiple columns for utilization coefficients (pf, pc, pw) and room parameters

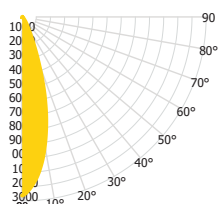
EPD-6-4000L-40K-90-MD-DIM10-MVOLT-EPD-6-601-CL-WH

TEST NO: EPL05112270



INPUT WATTS: 38.7 LUMENS: 4576 EFFICACY: 118 BEAM ANGLE: 34 SPACING CRITERIA: 0.50

CANDELA DISTRIBUTION



CANDELA TABLE

Table with 2 columns: Angle (0°, 90°) and Candela values

LUMINANCE (cd/sq.m)

Table with 2 columns: Angle (0.00°, 90.00°) and Luminance values

LUMENS PER ZONE

Table with 2 columns: Zone and Lumens

ZONAL LUMEN SUMMARY

Table with 3 columns: Zone, Lumens, % Luminaire

CONE OF LIGHT

Table with 4 columns: Mounting Height, FC at Beam Center, Beam Dia. 0°-180°, Beam Dia. 90°-270°

INDOOR COEFFICIENTS OF UTILIZATION

Large table with multiple columns for utilization coefficients (pf, pc, pw) and room parameters



6"

Architectural LED Downlight

EPD-6

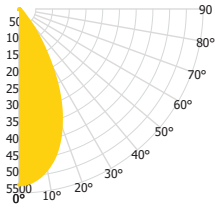
Edison Series

EPD-6-4000L-40K-90-MWD-DIM10-MVOLT-EPD-6-601-CL-WH

TEST NO: **EPL05112270**

INPUT WATTS: **38.8** LUMENS: **4110** EFFICACY: **106** BEAM ANGLE: **55** SPACING CRITERIA: **0.81**

CANDELA DISTRIBUTION



CANDELA TABLE

	0°	90°
0°	5246	5246
10°	4838	4975
20°	3649	3917
30°	1808	2107
40°	338	509
50°	75	83
60°	8	13
70°	2	2
80°	0	1
90°	0	0

LUMINANCE (cd/sq.m)

	0.00°	90.00°
0.00°	199717	199717
45.00°	7686	8369
55.00°	1766	2428
65.00°	250	289
75.00°	149	179
85.00°	52	83

LUMENS PER ZONE

ZONE	LUMENS
0° - 10°	488
10° - 20°	1258
20° - 30°	1393
30° - 40°	758
40° - 50°	166
50° - 60°	38
60° - 70°	5
70° - 80°	1
80° - 90°	0

ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LUMINAIRE
0° - 20°	1746	42%
0° - 30°	3139	76%
0° - 40°	3897	95%
0° - 60°	4101	100%
0° - 80°	4107	100%
0° - 90°	4108	100%

CONE OF LIGHT

MOUNTING HEIGHT	FC AT BEAM CENTER	BEAM DIA. 0°-180°	BEAM DIA. 90°-270°
6.0 ft	145.7 fc	6.3 ft	6.2 ft
8.0 ft	82.0 fc	8.4 ft	8.3 ft
10.0 ft	52.5 fc	10.5 ft	10.4 ft
12.0 ft	36.4 fc	12.6 ft	12.5 ft
14.0 ft	26.8 fc	14.6 ft	14.5 ft
16.0 ft	20.5 fc	16.7 ft	16.6 ft
18.0 ft	16.2 fc	18.8 ft	18.7 ft
20.0 ft	13.1 fc	20.9 ft	20.8 ft

INDOOR COEFFICIENTS OF UTILIZATION

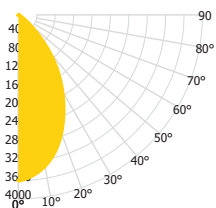
pf	pc	20%																0%	
		80%				70%				50%				30%					
		70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	10%	50%		30%
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	100
1	114	111	109	107	111	109	107	105	105	103	102	101	100	99	98	97	96	94	94
2	108	104	100	97	106	102	98	96	99	96	93	96	93	91	93	91	90	88	88
3	103	97	92	89	101	96	91	88	93	89	86	91	88	85	88	86	84	82	82
4	98	91	86	82	96	90	85	81	88	84	80	86	82	79	84	81	78	77	77
5	94	86	80	76	92	85	79	76	83	78	75	81	77	74	80	76	74	72	72
6	89	81	75	71	88	80	74	71	78	74	70	77	73	70	76	72	69	68	68
7	85	76	70	66	84	75	70	66	74	69	66	73	69	65	72	68	65	64	64
8	81	72	66	62	80	71	66	62	70	65	62	69	65	62	68	64	61	60	60
9	77	68	62	59	76	68	62	58	67	62	58	66	61	58	65	61	58	57	57
10	74	65	59	55	73	64	59	55	63	58	55	63	58	55	62	58	55	54	54

EPD-6-4000L-40K-90-WD-DIM10-MVOLT-EPD-6-601-CL-WH

TEST NO: **EPL05112270**

INPUT WATTS: **38.5** LUMENS: **4082** EFFICACY: **106** BEAM ANGLE: **65** SPACING CRITERIA: **0.90**

CANDELA DISTRIBUTION



CANDELA TABLE

	0°	90°
0°	3601	3601
10°	3333	3448
20°	2724	2887
30°	1903	2051
40°	1032	1152
50°	281	335
60°	41	52
70°	6	6
80°	1	1
90°	0	0

LUMINANCE (cd/sq.m)

	0.00°	90.00°
0.00°	137096	137096
45.00°	31651	36489
55.00°	8079	9507
65.00°	986	993
75.00°	459	484
85.00°	144	135

LUMENS PER ZONE

ZONE	LUMENS
0° - 10°	337
10° - 20°	898
20° - 30°	1132
30° - 40°	996
40° - 50°	544
50° - 60°	149
60° - 70°	20
70° - 80°	4
80° - 90°	1

ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LUMINAIRE
0° - 20°	1235	30%
0° - 30°	2367	58%
0° - 40°	3363	82%
0° - 60°	4057	99%
0° - 80°	4080	100%
0° - 90°	4081	100%

CONE OF LIGHT

MOUNTING HEIGHT	FC AT BEAM CENTER	BEAM DIA. 0°-180°	BEAM DIA. 90°-270°
6.0 ft	100.0 fc	7.7 ft	7.7 ft
8.0 ft	56.3 fc	10.3 ft	10.2 ft
10.0 ft	36.0 fc	12.8 ft	12.8 ft
12.0 ft	25.0 fc	15.4 ft	15.3 ft
14.0 ft	18.4 fc	18.0 ft	17.9 ft
16.0 ft	14.1 fc	20.5 ft	20.5 ft
18.0 ft	11.1 fc	23.1 ft	23.0 ft
20.0 ft	9.0 fc	25.7 ft	25.6 ft

INDOOR COEFFICIENTS OF UTILIZATION

pf	pc	20%																0%	
		80%				70%				50%				30%					
		70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	10%	50%		30%
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	100
1	113	110	107	105	110	108	105	103	104	102	100	100	98	97	96	95	94	92	92
2	107	101	97	93	104	100	96	92	96	93	90	93	91	88	90	88	86	85	85
3	101	93	88	84	98	92	87	83	89	85	82	87	83	80	85	82	79	77	77
4	95	86	80	76	93	85	80	75	83	78	74	81	77	73	79	75	72	71	71
5	89	80	74	69	87	79	73	68	77	72	68	75	71	67	74	70	67	65	65
6	84	74	68	63	83	73	67	63	72	66	62	70	66	62	69	65	61	60	60
7	79	69	63	58	78	68	62	58	67	62	57	66	61	57	65	60	57	55	55
8	75	65	58	54	74	64	58	53	63	57	53	62	57	53	61	56	53	51	51
9	71	60	54	50	70	60	54	50	59	53	49	58	53	49	57	52	49	48	48
10	67	57	50	46	66	56	50	46	55	50	46	55	49	46	54	49	46	44	44



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6"

Architectural LED Downlight

EPD-6

Edison Series

EPD-6-4000L-40K-90-WD-DIM10-MVOLT-EPD-6-601-CL-WH

TEST NO: EPL05112270



INPUT WATTS: **38.6**

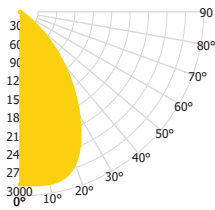
LUMENS: **3979**

EFFICACY: **103**

BEAM ANGLE: **74**

SPACING CRITERIA: **1.06**

CANDELA DISTRIBUTION



CANDELA TABLE

	0°	90°
0°	2813	2813
10°	2833	2805
20°	2619	2639
30°	1899	2009
40°	1077	1199
50°	340	440
60°	39	57
70°	6	7
80°	1	2
90°	0	0

LUMINANCE (cd/sq.m)

	0.00°	90.00°
0.00°	107095	107095
45.00°	36820	43347
55.00°	8980	11859
65.00°	973	1122
75.00°	444	528
85.00°	122	157

LUMENS PER ZONE

ZONE	LUMENS
0° - 10°	270
10° - 20°	788
20° - 30°	1097
30° - 40°	997
40° - 50°	617
50° - 60°	184
60° - 70°	20
70° - 80°	4
80° - 90°	1

ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LUMINAIRE
0° - 20°	1058	27%
0° - 30°	2155	54%
0° - 40°	3152	79%
0° - 60°	3953	99%
0° - 80°	3977	100%
0° - 90°	3977	100%

CONE OF LIGHT

MOUNTING HEIGHT	FC AT BEAM CENTER	BEAM DIA. 0°-180°	BEAM DIA. 90°-270°
6.0 ft	78.1 fc	9.1 ft	9.1 ft
8.0 ft	44.0 fc	12.1 ft	12.1 ft
10.0 ft	28.1 fc	15.1 ft	15.1 ft
12.0 ft	19.5 fc	18.1 ft	18.2 ft
14.0 ft	14.4 fc	21.1 ft	21.2 ft
16.0 ft	11.0 fc	24.2 ft	24.2 ft
18.0 ft	8.7 fc	27.2 ft	27.2 ft
20.0 ft	7.0 fc	30.2 ft	30.3 ft

INDOOR COEFFICIENTS OF UTILIZATION

pf	20%																0%								
	80%				70%				50%				30%												
pc	70%		50%		30%		10%		70%		50%		30%		10%		70%		50%		30%		10%		0%
pw	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%	
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	106	102	102	102	102	100					
1	113	110	107	104	110	107	105	103	103	101	100	98	97	96	95	94	92	92	92	92					
2	106	101	96	92	104	99	95	91	96	92	89	93	90	87	90	87	85	84	84	84					
3	100	92	87	82	98	91	86	82	88	84	80	86	82	79	84	80	78	76	76	76					
4	94	85	79	74	92	84	78	74	82	77	73	80	75	72	78	74	71	69	69	69					
5	88	79	72	67	86	78	71	67	76	70	66	74	69	65	72	68	65	63	63	63					
6	83	73	66	61	81	72	65	61	70	64	60	69	64	60	67	63	59	58	58	58					
7	78	67	60	56	76	67	60	56	65	59	55	64	59	55	63	58	55	53	53	53					
8	73	63	56	51	72	62	56	51	61	55	51	60	54	51	59	54	50	49	49	49					
9	69	58	52	47	68	58	51	47	57	51	47	56	51	47	55	50	47	45	45	45					
10	65	55	48	44	64	54	48	44	53	47	44	52	47	43	52	47	43	42	42	42					



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