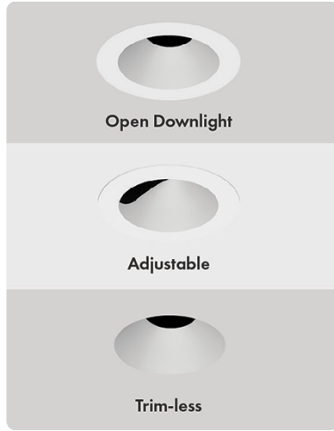


3"

Architectural LED Downlight- IC Rated

EPD-3-IC

Edison Series



Application

A compact architectural downlight expertly crafted to deliver top-notch quality and uncompromising performance. This fixture offers precise, glare-free illumination and exceptional flexibility. With a single universal housing, it seamlessly accommodates a range of trims and allows for field-changeable optics.

Features

- Full adjustability for beam angles, up to 45 degrees
- Horizontal rotation of up to 365 degrees
- Suitable for high-end architectural, hospitality, commercial, residential, and retail spaces
- The EPD-3 is the cutting-edge solution for small aperture design applications

Nominal Lumens	Delivered Lumens	Wattage
700L	881	10
900L	1037	12
1200L	1392	16

Based on 4000K, 90+ CRI with semi-specular chrome reflector. Actual wattage may vary +/-5%

Lumens	High Performance: 700, 900, 1200, 1500 Dims to Warm: 900, 1200 Xicato Artist: 700, 900, 1200, 1500 Natural Spectrum: 700, 900, 1200, 1500
CCT & Dynamic Platforms	High Performance: 27K, 30K, 35K, 40K, 50K Dims to Warm: 30K-18K, 30K-22K, 27K-18K Xicato Artist: 27K, 30K, 30K-VIB, 35K, 40K Natural Spectrum: 27K, 30K, 35K, 40K, 50K
CRI	High Performance: 90+, 98+ Dims to Warm: 90+ Xicato Artist: 98+ Natural Spectrum: 97+
Color Quality	2 Step MacAdam Ellipse
Distributions	SPD (Spot 15°), ND (Narrow 24°), MD (Medium 35°), MWD (Medium Wide 45°), WD (Wide 52°)
Trim Options	Downlight, Lensed Downlight, Adjustable, Lensed Wall Wash, Slot, Pinhole, Self Flanged, Trim-less, Square
Reflector Colors	CL (Semi-Specular Chrome), SHZ (Low Iridescent Satin Haze), WH (White), BK (Black)
Flange Colors	WH (Self-Flanged White)
Dimming	DIM10, LUTH, LUTFTB, ELDO10.1-LIN, ELDODMX.1, ELDODALI.1, DIMTR, BLE-CASAMBI, POE, DIM10-0-OFF, ELDO10-LOG, XSR, DIM10-AUX
Emergency	EMG-LED-10W[(Bodine BSL310)], EMG-LED-20W[(Bodine BSL20)]
Lifetime	L70 at 102,000 Hours
Photometric Tests	In Accordance with IES LM79-08, LM80 and TM-30, TM-21
CCEA Option	For CCEA approved EPD-3 Series, please contact Edison Price Lighting for further information.



3"

EPD-3-IC

Architectural LED Downlight- IC Rated

Edison Series

PART NUMBER: **EPD-3-IC-700L-27K-90-SPD-DIM10-120V**

Series	Lumens	CCT	CRI	Optics	Driver	Voltage	Emergency	Options
EPD-3-IC	700L 900L 1200L 1500L	27K 30K 35K 40K 50K¹	90+ 98+²	SPD Spot (15°) ND Narrow (24°) MD Medium (35°) MWD Medium Wide (45°) WD Wide (52°)	DIM10 LUTH LUTFTB⁴ ELDO10.1-LIN ELDODMX.1 ELDODALI.1 DIMTR³ BLE-CASAMBI POE DIM10-0-OFF ELDO10-LOG XSR DIM10-AUX	120V 277V MVOLT 347V⁵	- EMG-LED-10W (Bodine BSL310) EMG-LED-20W (Bodine BSL20)	- CP⁶ USA

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

PART NUMBER: **EPD-3-IC-WDM-30K-18K-900L-90-SPD-DIMTR-120V**

Series	Technology	Lumens	CRI	Optics	Driver	Voltage	Emergency	Options
EPD-3-IC-WDM (Dim to Warm)	30K-18K 30K-22K 27K-18K	900L 1200L	90+	SPD Spot (15°) ND Narrow (24°) MD Medium (35°) MWD Medium Wide (45°) WD Wide (52°)	DIMTR¹ DIM10 LUTH ELDO10.1 ELDODALI.1 ELDODMX.1	120V 277V MVOLT 347V²	- EMG-LED-10W (Bodine BSL310) EMG-LED-20W (Bodine BSL20)	- CP³ USA

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

3"

EPD-3-IC

Architectural LED Downlight- IC Rated

Edison Series

PART NUMBER: **EPD-3-IC-XIA-700L-27K-98-SPD-DIM10-120V**

Series	Lumens	CCT	CRI	Optics	Driver	Voltage	Emergency	Options
EPD-3-IC-XIA <i>(Xicato Artist)</i>	700L 900L 1200L 1500L	27K 30K 30K-VIB 35K 40K	98+	SPD Spot (15°) ND Narrow (24°) MD Medium (35°) MWD Medium Wide (45°) WD Wide (52°)	DIM10 LUTH LUTFTB ⁴ ELDO10.1-LIN ELDODMX.1 ELDODALI.1 DIMTR ³ BLE-CASAMBI POE DIM10-0-OFF ELDO10-LOG XSR DIM10-AUX	120V 277V MVOLT 347V ³	- EMG-LED-10W <small>(Bodine BSL310)</small> EMG-LED-20W <small>(Bodine BSL20)</small>	- CP ⁴ USA

1 DIMTR 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

PART NUMBER: **EPD-3-IC-NSL-700L-27K-97-SPD-DIM10-120V**

Series	Lumens	CCT	CRI	Optics	Driver	Voltage	Emergency	Options
EPD-3-IC-NSL <i>(Natural Spectrum)</i>	700L 900L 1200L 1500L	27K 30K 35K 40K 50K	97+	SPD Spot (15°) ND Narrow (24°) MD Medium (35°) MWD Medium Wide (45°) WD Wide (52°)	DIM10 LUTH LUTFTB ⁴ ELDO10.1-LIN ELDODMX.1 ELDODALI.1 DIMTR ³ BLE-CASAMBI POE DIM10-0-OFF ELDO10-LOG XSR DIM10-AUX	120V 277V MVOLT 347V ³	- EMG-LED-10W <small>(Bodine BSL310)</small> EMG-LED-20W <small>(Bodine BSL20)</small>	- CP ⁴ USA

1 DIMTR 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











































3"

Architectural LED Downlight- IC Rated

EPD-3-IC

Edison Series

ORDERING GUIDE:

REFLECTOR TYPE				MOUNTING	FINISH	
 EPD-3-132 Open Downlight	 EPD-3-138 Lensed Downlight <small>WET LOCATION</small>	 EPD-3-133 Adjustable	 EPD-3-137 Lensed Wall Wash <small>WET LOCATION</small>	 Round Flanged	 WH-WH White	 BK-WH Black
 EPD-3-130 Slot	 EPD-3-134 Pinhole Downlight				 CL-WH Clear Semi-Spec	 SHZ-WH Satin Haze
 EPD-3-TL-132 Open Downlight	 EPD-3-TL-138 Lensed Downlight <small>WET LOCATION</small>	 EPD-3-TL-133 Adjustable	 EPD-3-TL-137 Lensed Wall Wash <small>WET LOCATION</small>	 Round Trimless	 WH White	 BK Black
 EPD-3-TL-130 Slot	 EPD-3-TL-134 Pinhole Downlight				 CL Clear Semi-Spec	 SHZ Satin Haze
 EPD-3SQ-132 Open Downlight	 EPD-3SQ-138 Lensed Downlight <small>WET LOCATION</small>	 EPD-3SQ-133 Adjustable	 EPD-3SQ-137 Lensed Wall Wash <small>WET LOCATION</small>	 Square Flange	 WH-WH White	 BK-WH Black
 EPD-3SQ-134 Pinhole Downlight					 CL-WH Clear Semi-Spec	 SHZ-WH Satin Haze
 EPD-3SQ-TL-132 Open Downlight	 EPD-3SQ-TL-138 Lensed Downlight <small>WET LOCATION</small>	 EPD-3SQ-TL-133 Adjustable	 EPD-3SQ-TL-137 Lensed Wall Wash <small>WET LOCATION</small>	 Square Trimless	 WH White	 BK Black
 EPD-3SQ-TL-134 Pinhole Downlight					 CL Clear Semi-Spec	 SHZ Satin Haze

Note: The driver and emergency access are only available from the top of the luminaire in trim-less applications. Pinhole and slot options feature a black reflector and white trim only.

COLOR FILTERS:



- EPD-3-LENS-BL
- EPD-3-LENS-GR
- EPD-3-LENS-PI
- EPD-3-LENS-PU
- EPD-3-LENS-DL
- EPD-3-LENS-YE
- EPD-3-LENS-AM
- EPD-3-LENS-OR
- EPD-3-LENS-RE

DISTRUBUTION FILTERS:



- EPD-3-LENS-FR
- EPD-3-LENS-SF
- EPD-3-LENS-CL
- EPD-3-LENS-UV
- EPD-3-LENS-SP
- EPD-3-LENS-HC
- EPD-3-LENS-LI
- EPD-3-LENS-SOL

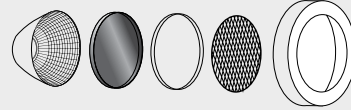
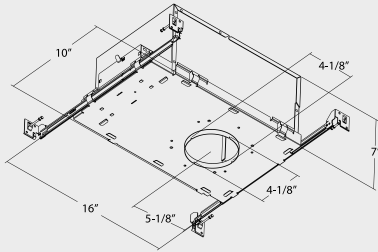
NOTE: Additional lens filters must only be used on open non-lensed downlight trim options

3"

Architectural LED Downlight- IC Rated

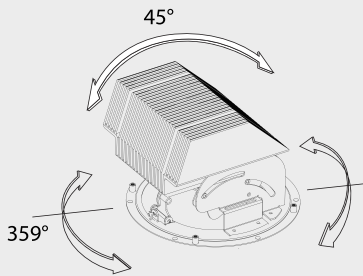
EPD-3-IC

Edison Series



OPTICS

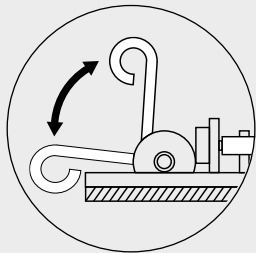
SPD (15°), ND (24°), MD (35°),
MWD (45°), WD (52°)



AIMING

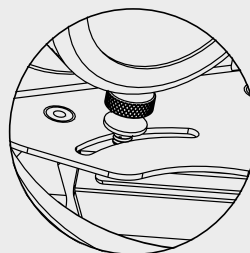
Our proprietary hot aiming system, which allows for the precise positioning of the lamp to achieve the optimal beam alignment before trim installation.

Our specially designed lamp holder ensures that the central beam of the light source emerges correctly from the luminaire, accommodating angles from 0° to 45°.



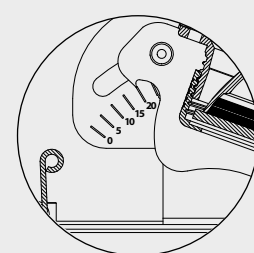
365° HORIZ. LOCKING

Seamlessly pivots along a 365-degree horizontal rotation within a sleek slotted groove track system.



ADJUSTABILITY

Easy adjustment, without the requirement for tools, allows the luminaire to be positioned at angles of up to 45 degrees, ensuring optimal beam direction and maximum lumen output.



DEGREES

Enables simple on-site adjustments of the luminaires to achieve precision, performance, and versatility. During installation, you can securely set the beam angle in 1-degree increments, with clear markings at every 5-degree interval.



3"

Architectural LED Downlight- IC Rated

EPD-3-IC

Edison Series

Modifications Available

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

Adjustable

Has full adjustable aiming capability, allowing the double gimbal mechanism to rotate 360°, pivot 90°, and lock into place at any desired position.

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.

Housing / Mounting

- Tailored for new construction installations and ideal for Non IC applications, this thermally protected, specification-grade adjustable recessed housing is designed to excel. It's perfect for new construction insulated ceilings where the housing will directly touch the insulation. Crafted with die-formed, all-aluminum construction, it's coated in matte black for optimal heat dissipation, rust prevention, and delivering glare-free illumination.
- Equipped with pre-installed bar hangers, this housing offers versatile positioning and secure locking within a 24" joist span. These hangers can be placed along either the long or short axis of the housing and can be trimmed for 12" joists. For special mounting needs, they can be adapted to T-Bar spline using extra slots and holes. Additionally, the package includes butterfly brackets made from robust 18-gauge steel, which can be vertically adjusted. These brackets can be installed using 3/4" or 1-1/2" lathing channel, 1/2" EMT, or you have the option of using C-Channel mounting bars.

Flange Option

Die-Cast trim rings are post-painted with a powder-coated finish, offering color choices in both white and custom options (please inquire with the factory for custom paint colors). The collar and trim rotate together, and all trims come standard with a Solite frosted lens (additional lens options available upon inquiry). The EPD-3 is available in various configurations, including Open Downlight, Lensed Downlight, Pinhole Downlight, Slot, Adjustable Downlight Accent, or Lensed Adjustable Wall Wash. These trims securely attach to the housing using piano springs, ensuring a snug fit with no light leakage.

Trim-less Option

The Die-Cast perforated mesh cover is designed for easy installation in drywall or plaster ceilings. It allows for mudding right up to the luminaire opening, creating a seamless look. A trimless accessory is included to secure the housing and prevent ceiling or drywall fractures during and after installation. The trims are affixed to the housing using piano springs, ensuring a secure fit with no light leakage. This versatile product is available in configurations such as Open Downlight, Lensed Downlight, Pinhole Downlight, Slot, Adjustable Downlight Accent, or Lensed Adjustable Wall Wash.

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.

Drivers

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.

Listings

- Thermally protected, IC rated up to 1500 lumens, not suitable for use with spray foam insulation
- c-UL-us - Listed for Feed Through Wiring.
- cULus Certified to UL 1598 / C22.2 suitable for Damp/Dry locations, indoor use only
- City of Chicago environmental air (CCEA) marking for plenum applications
- EMI/RFI emissions per FCC 47CFR Part 15 Class B
- RoHS - Contains no mercury or lead and RoHS compliant
- Photometric testing completed in accordance with IES LM-79. LM80 and TM-30 standards
- State of California Title 24 high efficacy LED compliance under JA8
- ENERGY STAR® certified with select trims and housings

Tunable White Option

Tunable White allows the luminaires to be color tuned via various controls. Create the perfect environment for the desired use of the space or mimic the natural color patterns throughout the day and stimulate circadian rhythm. Available in tuning range of 50K-27K (TWH-50K-27K), 65K-27K (TWH-65K-27K), 65K-18K (TWH-LENGN-65K-18K).

Dim to Warm Option

Dim 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.

RGB + White Option

Refine your space with Mood Master (RGBW & TW), which provides complete control over hue, color temperature, saturation, and dimming for design versatility. RGB + White technology has a white color tuning range from 6500K to 1650K. RGB color range derived from the primary colors red, green and blue is used to create infinite color options in the RGB palette, adding colors together in varying amounts to create new ones. RGB Tunable White technology enables users to adjust the color temperature, adding gradients of saturated colors. No longer restricted to white light LEDs, lighting designers and architects can manipulate a space with desired hues and shades, altering the color temperature of the room, creating the perfect environment. The use of RGB Tunable White technology in allows infinite possibilities for any application

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

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

ELDO10.1-LIN - ELDO10-Linear with linear dimming curve.

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 Casambi Bluetooth 4.0 App.

POE - Power-over-Ethernet Depending on the PoE manufacturer selected

DIM10-0-OFF - Program DIM10-to OFF with linear dimming curve 0.1%

ELDO10-LOG - ELDO10-LOG with logarithmic dimming curve.

XSR - Xitanium SR Dimming

DIM10-AUX - 0-10V with Auxiliry power

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

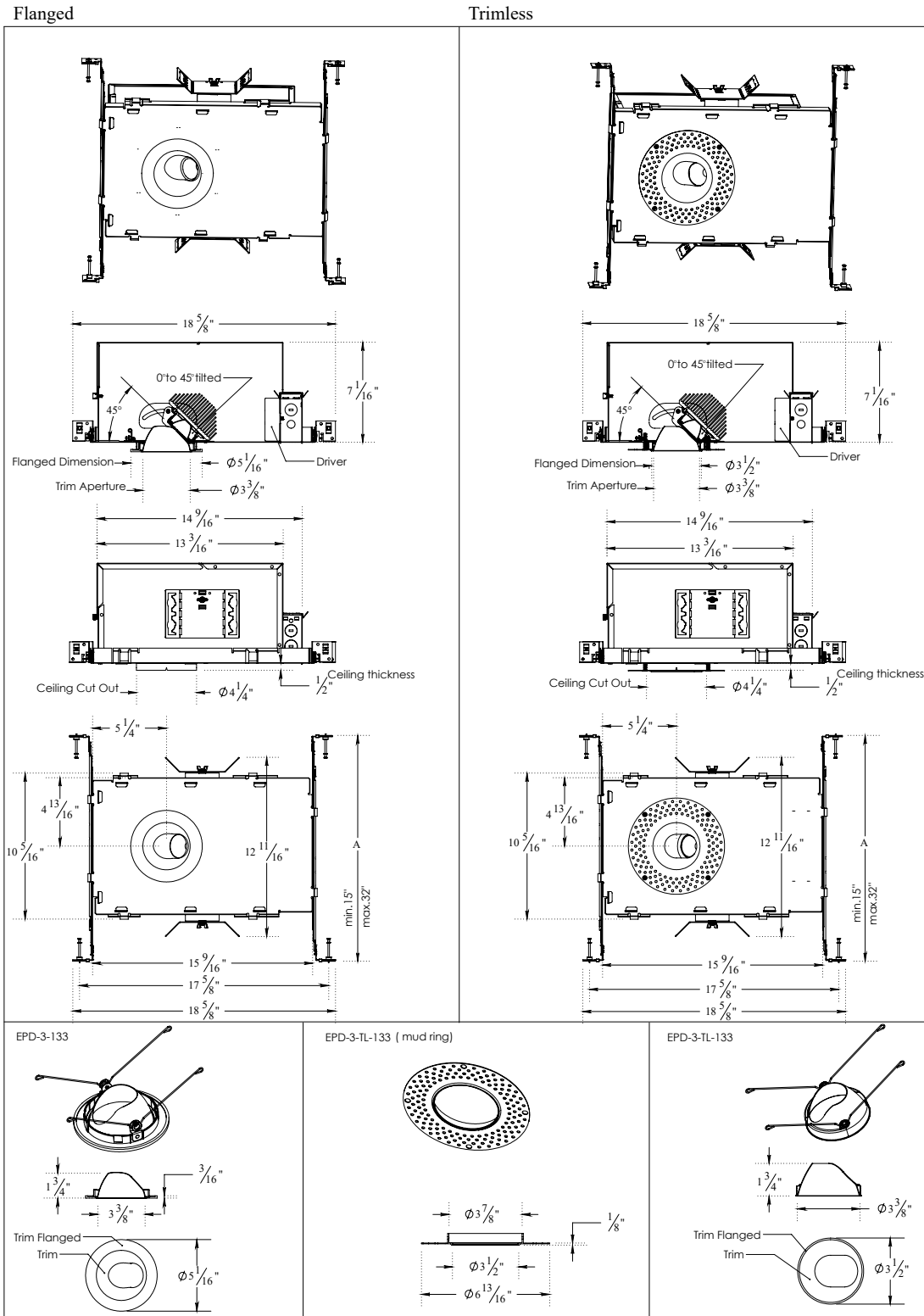


3"

Architectural LED Downlight- IC Rated

EPD-3-IC

Edison Series



3"

EPD-3-IC

Architectural LED Downlight- IC Rated

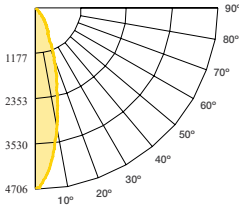
Edison Series

EPD-3-IC- 1200L-40K- 90-ND-DIM 10-MVO LT-EPD-3- 132

TEST NO: EPL121883

INPUT WATTS: 16.2 LUMENS: 580 CRI: 90 EFFICACY: 36 CCT: #000K SPACING CRITERIA: 0.54

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Table with 4 columns: Zone, Lumens, %Lamp, %Fixt. Rows include zones 0-20, 0-30, 0-40, 0-60, 0-80, 0-90.

Luminance (Average candela/M)

Table with 4 columns: Angle in Degrees, Average 0°, Average 45°, Average 90°. Rows include angles 45, 55, 65, 75, 85.

Lumens Per Zone

Table with 2 columns: Zone, Lumens. Rows include zones 0-10, 10-20, 20-30, 30-40, 40-50, 50-60, 60-70, 70-80, 80-90.

Candela Tabulation

Table with 2 columns: Candela (l), Candela values. Rows include values 0, 5, 15, 25, 35, 45, 55, 65, 75, 85, 90.

Coefficients of Utilization- Zonal Cavity Method Effective Floor Cavity Reflectance: 0.20

Large table with columns for RC, RW, and various reflectance percentages (70%, 50%, 30%, 10%, 0%) for different beam diameters (2, 4, 6, 8, 10, 12 inches).

Cone of Light table with columns for beam diameter (2, 4, 6, 8, 10, 12 inches) and beam spread (1, 2, 3, 4, 5, 6 inches).

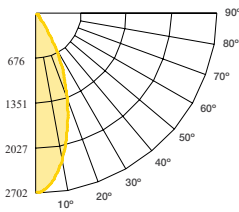
BEAM DIAMETER MEASURED 50% OF NADIR °C.

EPD-3-IC- 1200L-40K- 90-MD-DIM 10-MVO LT-EPD-3- 132

TEST NO: EPL121877

INPUT WATTS: 16.4 LUMENS: 417 CRI: 90 EFFICACY: 26 CCT: #000K SPACING CRITERIA: 0.68

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Table with 4 columns: Zone, Lumens, %Lamp, %Fixt. Rows include zones 0-20, 0-30, 0-40, 0-60, 0-80, 0-90.

Luminance (Average candela/M)

Table with 4 columns: Angle in Degrees, Average 0°, Average 45°, Average 90°. Rows include angles 45, 55, 65, 75, 85.

Lumens Per Zone

Table with 2 columns: Zone, Lumens. Rows include zones 0-10, 10-20, 20-30, 30-40, 40-50, 50-60, 60-70, 70-80, 80-90.

Candela Tabulation

Table with 2 columns: Candela (l), Candela values. Rows include values 0, 5, 15, 25, 35, 45, 55, 65, 75, 85, 90.

Coefficients of Utilization- Zonal Cavity Method Effective Floor Cavity Reflectance: 0.20

Large table with columns for RC, RW, and various reflectance percentages (70%, 50%, 30%, 10%, 0%) for different beam diameters (2, 4, 6, 8, 10, 12 inches).

Cone of Light table with columns for beam diameter (2, 4, 6, 8, 10, 12 inches) and beam spread (1.5, 3, 4.5, 6, 7.4, 8.9 inches).

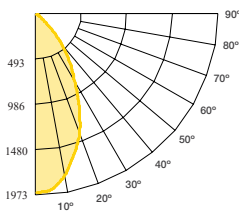
BEAM DIAMETER MEASURED 50% OF NADIR °C.

EPD-3-IC- 1200L-40K- 90-WD-DIM 10-MVO LT-EPD-3- 132

TEST NO: EPL121880

INPUT WATTS: 16.4 LUMENS: 392 CRI: 90 EFFICACY: 25 CCT: #000K SPACING CRITERIA: 0.78

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Table with 4 columns: Zone, Lumens, %Lamp, %Fixt. Rows include zones 0-20, 0-30, 0-40, 0-60, 0-80, 0-90.

Luminance (Average candela/M)

Table with 4 columns: Angle in Degrees, Average 0°, Average 45°, Average 90°. Rows include angles 45, 55, 65, 75, 85.

Lumens Per Zone

Table with 2 columns: Zone, Lumens. Rows include zones 0-10, 10-20, 20-30, 30-40, 40-50, 50-60, 60-70, 70-80, 80-90.

Candela Tabulation

Table with 2 columns: Candela (l), Candela values. Rows include values 0, 5, 15, 25, 35, 45, 55, 65, 75, 85, 90.

Coefficients of Utilization- Zonal Cavity Method Effective Floor Cavity Reflectance: 0.20

Large table with columns for RC, RW, and various reflectance percentages (70%, 50%, 30%, 10%, 0%) for different beam diameters (2, 4, 6, 8, 10, 12 inches).

Cone of Light table with columns for beam diameter (2, 4, 6, 8, 10, 12 inches) and beam spread (1.9, 3.8, 5.6, 7.5, 9.4, 11.1 inches).

BEAM DIAMETER MEASURED 50% OF NADIR °C.



3"

EPD-3-IC

Architectural LED Downlight- IC Rated

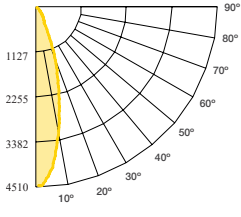
Edison Series

EPD-3-IC- 1200L-40K- 90-ND-DIM 10-MVO LT-EPD-3SQ- 132

TEST NO: EPL121884

INPUT WATTS: 16.2 LUMENS: 68 CRI: 80 EFFICACY: 41 CCT: #000K SPACING CRITERIA: 0.54

Candle Power Distribution (Candelas)



Cone of Light			
2	10B	1	1
4	25B	2	2
6	113	3	3.1
8	636	4	4
10	407	5	5
12	283	6	6
IFT Distance to Plane		IFT Beam Horizontal Spread	
IFT Initial Footcandle at Plane		IFT Beam Vertical Spread	
IFT Distance to Plane		IFT Beam Horizontal Spread	
IFT Initial Footcandle at Plane		IFT Beam Vertical Spread	

BEAM DIA. MEASURED AT 50% OF NA DIR. C.

Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	896.08	65.50	65.50
0-30	1226.67	89.70	89.70
0-40	1307.38	95.60	95.60
0-60	1350.46	98.70	98.70
0-80	1365.52	99.80	99.80
0-90	1367.59	100.00	100.00

Luminance (Average candela/M)

Angle in Degrees	Average		
	0°	45°	90°
45	5732	6382	36909
55	6669	5340	4560
65	5386	5085	4204
75	4131	4139	4173
85	2589	5706	6008

Lumens Per Zone

Zone	Lumens
0-10	329.16
10-20	566.92
20-30	330.58
30-40	80.72
40-50	29.69
50-60	13.38
60-70	9.65
70-80	5.42
80-90	2.07

Candela Tabulation

Zone	0	5	15	25	35	45	55	65	75	85	90
0	4072.08										
5	3874.33										
15	1824.07										
25	280.32										
35	29.88										
45	18.50										
55	17.46										
65	10.39										
75	4.88										
85	1.03										
90	0.05										

Coefficients of Utilization- Zonal Cavity Method Effective Floor Cavity Reflectance: 0.20

RC	80%				70%				50%				30%				10%				0%			
	RW	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	30%	10%	50%	30%	10%	10%	30%	10%	0%	0%		
0	119	119	119	119	116	116	116	116	111	111	111	111	106	106	106	106	102	102	102	100	100	100		
1	114	112	110	108	112	110	108	106	106	104	103	103	102	101	100	99	99	97	97	95	95	95		
2	110	106	102	99	108	104	101	98	101	98	96	96	98	96	94	95	94	92	92	91	91	91		
3	106	100	96	93	104	99	95	92	96	93	91	91	94	91	89	92	90	88	88	86	86	86		
4	102	95	91	87	100	94	90	87	92	89	86	86	90	87	85	89	86	84	84	83	83	83		
5	98	91	86	83	96	90	86	82	88	85	82	82	87	84	81	85	83	80	80	79	79	79		
6	94	87	82	79	93	86	82	78	85	81	78	78	84	80	77	82	79	77	77	76	76	76		
7	91	83	79	75	90	83	78	75	82	78	75	75	81	77	74	80	76	74	74	73	73	73		
8	88	80	75	72	87	80	75	72	79	75	72	72	78	74	71	77	74	71	71	70	70	70		
9	85	77	72	69	84	77	72	69	76	72	69	69	75	71	69	74	71	69	67	67	67	67		
10	82	74	70	67	81	74	70	67	73	69	66	66	73	69	66	72	69	66	65	65	65	65		

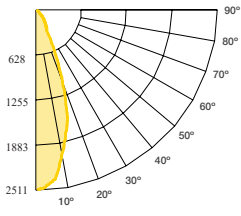
RC - Ceiling Cavity Reflectance RW - Wall Reflectance

EPD-3-IC- 1200L-40K- 90-MD-DIM 10-MVO LT-EPD-3SQ- 132

TEST NO: EPL121879

INPUT WATTS: 16.4 LUMENS: 76 CRI: 80 EFFICACY: 46 CCT: #000K SPACING CRITERIA: 0.68

Candle Power Distribution (Candelas)



Cone of Light			
2	618	1.5	1.4
4	155	3	2.9
6	687	4.3	4.3
8	386	5.7	5.8
10	247	7.2	7.2
12	172	8.5	8.7
IFT Distance to Plane		IFT Beam Horizontal Spread	
IFT Initial Footcandle at Plane		IFT Beam Vertical Spread	
IFT Distance to Plane		IFT Beam Horizontal Spread	
IFT Initial Footcandle at Plane		IFT Beam Vertical Spread	

BEAM DIA. MEASURED AT 50% OF NA DIR. C.

Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	690.82	58.80	58.80
0-30	1030.61	87.70	87.70
0-40	1113.36	94.70	94.70
0-60	1156.72	98.40	98.40
0-80	1173.42	99.80	99.80
0-90	1175.68	100.00	100.00

Luminance (Average candela/M)

Angle in Degrees	Average		
	0°	45°	90°
45	6162	7197	27208
55	7200	5699	4965
65	5863	5360	4468
75	4528	4283	4275
85	2866	5429	5706

Lumens Per Zone

Zone	Lumens
0-10	218.49
10-20	472.33
20-30	339.79
30-40	82.74
40-50	28.83
50-60	14.54
60-70	10.64
70-80	6.05
80-90	2.25

Candela Tabulation

Zone	0	5	15	25	35	45	55	65	75	85	90
0	2473.50										
5	2407.23										
15	1666.47										
25	425.97										
35	41.31										
45	19.89										
55	18.85										
65	11.31										
75	5.35										
85	1.14										
90	0.05										

Coefficients of Utilization- Zonal Cavity Method Effective Floor Cavity Reflectance: 0.20

RC	80%				70%				50%				30%				10%				0%			
	RW	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	30%	10%	50%	30%	10%	10%	30%	10%	0%	0%		
0	119	119	119	119	116	116	116	116	111	111	111	111	106	106	106	106	102	102	102	100	100	100		
1	114	111	109	107	112	109	107	105	105	104	102	102	102	100	99	98	97	96	96	95	95	95		
2	109	105	101	98	107	103	100	97	100	97	95	95	97	95	93	94	93	91	91	89	89	89		
3	105	99	95	91	103	98	94	90	95	92	89	89	93	90	88	90	88	86	86	85	85	85		
4	100	94	89	85	99	93	88	85	91	87	84	84	89	85	83	87	84	82	82	80	80	80		
5	96	89	84	80	95	88	83	80	86	82	79	79	85	81	79	83	80	78	78	77	77	77		
6	92	85	80	76	91	84	79	76	83	78	75	75	81	78	75	80	77	74	74	73	73	73		
7	89	81	76	72	88	80	75	72	79	75	72	72	78	74	71	77	73	71	71	70	70	70		
8	86	77	72	69	84	77	72	69	76	71	68	68	75	71	68	74	70	68	67	67	67	67		
9	82	74	69	66	81	74	69	66	73	68	65	65	72	68	65	71	68	65	64	64	64	64		
10	79	71	66	63	79	71	66	63	70	66	63	63	69	65	62	69	65	62	61	61	61	61		

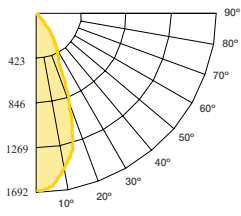
RC - Ceiling Cavity Reflectance RW - Wall Reflectance

EPD-3-IC- 1200L-40K- 90-WD-DIM 10-MVO LT-EPD-3SQ- 132

TEST NO: EPL121881

INPUT WATTS: 16.2 LUMENS: 19 CRI: 80 EFFICACY: 69 CCT: #000K SPACING CRITERIA: 0.80

Candle Power Distribution (Candelas)



Cone of Light			
2	417	1.7	1.8
4	104	3.5	3.4
6	464	5.3	5.2
8	261	7	6.9
10	167	8.8	8.6
12	116	10.6	10.3
IFT Distance to Plane		IFT Beam Horizontal Spread	
IFT Initial Footcandle at Plane		IFT	