



The Bright Choice

ECO²LED SERIES 

CONTRAST
LIGHTING

Contrast Lighting is synonymous with confidence. The Company offers a vast choice of recessed and pendant luminaires, decorative glass shades as well as wall mount fixtures. All products are manufactured in Canada and are of the highest quality. Contrast Lighting product excellence can be evidenced in its complete manufacturing and its many energy-efficient product innovations that allow the Company to make a major contribution towards the protection of the environment.

ECO²LED SERIES

The newly revamped ECO²LED series represent a serious step forward in term of performance with a lumen output increase of up to 45% more efficient over the previous version. Our latest heatsink designs offer superior thermal management therefore enhancing the product performance.

In addition, all the housings are now approved to be used in insulated ceiling applications and this with the entire trim selection. Whether you need a Remodel or New Construction housing, for regular or IC application, the entire collection can do it. These Airtight housings prevent airflow through ceiling to save on heating and air conditioning costs.

Contrast Lighting's ECO²LED recessed collection is designed for maximum performance and flexibility for a small aperture recessed downlight. Save energy, reduce maintenance costs, protect the environment and sacrifice nothing as Contrast's commitment to quality and technology continues.

Designed to provide the perfect halogen lamp replacement, our LEDs consume up to four times less energy for an equivalent performance.

Energy Star® Certified, the new ECO²LED series is perfect for residential and commercial applications and will meet your customer's most demanding needs.

- **80 and 90 CRI**
- **Offered in 2,700K and 3,000K**
- **Beam spreads 30° (narrow flood) and 54° (wide flood) for maximum flexibility**
- **Dimmable**
- **Delivers up to 740 lumens, 69 lumens/watt**
- **5-year warranty on the LED module and driver**
- **50,000 hours expected lifespan**
- **All housings are approved for IC Applications**
- **Airtight**
- **Energy Star**

CHOICE OF TWO TRIM SIZES

3 1/2" and 4"

9W LED DRIVER

The Green Series ECO²LED...

ECOnomical, **ECO**friendly, **ECO**smart



TRIM

- No UV rays, RoHS compliant
- CRI: 80+ or 90+
- Quick connect push-in terminals for ease of installation
- High quality Lumiled LED chips

- 2,700K and 3,000K
- Beams: 30° (narrow flood) and 54° (wide flood)
- 6 painted or plated finishes
- Marine Grade option available for painted finishes

3 1/2"

ECO²L3A Adjustable Trim



ECO2L3A-01



ECO²L3B Adjustable Square Trim



ECO2L3B-01



Legend: = Damp locations
 = Wet locations

ECO²L3C Shower Trim



ECO2L3C-04BR



ECO²L3D Regressed Downlight



ECO2L3D-04BRAN

ECO2L3D-0101

ECO2L3D-1111



4"

ECO²L2A Adjustable Trim



ECO2L2A-12BR



ECO²L2B Adjustable Square Trim



ECO2L2B-04BR



ECO²L2C Shower Trim



ECO2L2C-04BR



ECO²L2D Adjustable Regressed



ECO2L2D-04BRAN

ECO2L2D-0101

ECO2L2D-1111



HOUSINGS

- Electronic Driver 120 Volts
- Auto leveling clips
- 5-Year Warranty on Module and Driver
- Compatible with most Incandescent (Triac), Magnetic Low Voltage (MLV) & Electronic Low Voltage (ELV) dimmers available on the market
Visit Contrast Lighting Website for a compatible list of dimmers or for more details.
- All housings can be installed in insulated ceilings in direct contact with insulating material (except polyurethane)
- Below ceiling access for easy maintenance
- Perfect fit to ceiling. No light leakage
- Galvanized steel construction
- Installs on trusses or in suspended ceilings
- Airtight

IC AND AIRTIGHT REMODEL HOUSING

- Installs in ceilings up to 7/8" (22 mm) thick

	Product Code	Voltage	Ceiling Cutout	Length	Width	Height
3 1/2"	ECO2REL300	120 V	3 5/8" (92 mm)	13 3/16" (335 mm)	4 5/8" (118 mm)	7" (178 mm)
4"	ECO2REL200	120 V	4 1/4" (109 mm)	13 1/2" (343 mm)	5 3/16" (132 mm)	7" (178 mm)



IC AND AIRTIGHT NEW CONSTRUCTION HOUSING

- Installs in ceilings up to 1 1/2" (38 mm) thick

	Product Code	Voltage	Ceiling Cutout	Length	Width	Height
3 1/2"	ECO2NWL300	120 V	3 5/8" (92 mm)	15 11/32" (390 mm)	10" (254 mm)	5 1/2" (140 mm)
4"	ECO2NWL200	120 V	4 1/4" (109 mm)	15 11/32" (390 mm)	10" (254 mm)	4 1/2" (114 mm)



IC AND AIRTIGHT BOX

- Installs in ceilings up to 1 1/2" (38 mm) thick
- Chicago Plenum, add **P** at the end of the ordering code

	Product Code	Voltage	Ceiling Cutout	Length	Width	Height
3 1/2"	ECO2ISL300	120 V	3 5/8" (92 mm)	15 3/8" (391 mm)	10" (254 mm)	6 1/16" (154 mm)
4"	ECO2ISL200	120 V	4 1/4" (109 mm)	15 3/8" (391 mm)	10" (254 mm)	6 1/16" (154 mm)



ECO²LED SERIES

ORDERING INFORMATION

Contrast Lighting products are available all over North America. Stock items can be delivered anywhere in Canada or the U.S. within a few days.



How to Order

For information on distributors, local representatives or stores best able to serve your needs, please call our customer service at: 1 888 839-4624 or visit our Website at www.contrastlighting.com.

3 1/2" SERIES ORDERING CODE

EX.: ECO2L3D-0101MG280M

MODEL	TRIM FINISH	**REFLECTOR	MARINE GRADE	COLOR TEMPERATURE	CRI	*BEAM
ECO2L3A	-01 White	ANODIZED	MG (optional)	2 2,700K	80 80	M Narrow Flood (30°)
ECO2L3B	-02 Black	AN Natural Anodized	May be applied on finishes: -01, -02, -11 and -15	3 3,000K	90 90	W Wide Flood (54°)
ECO2L3C	-04BR Brushed Chrome	PAINTED				
ECO2L3D	-11 Matte White	01 White				
	-12BR Brushed Nickel	11 Matte White				
	-15 Metallic Grey					

Reflector for ECO2L3D only

4" SERIES ORDERING CODE

EX.: ECO2L2A-04BR390W

MODEL	TRIM FINISH	**REFLECTOR	MARINE GRADE	COLOR TEMPERATURE	CRI	*BEAM
ECO2L2A	-01 White	ANODIZED	MG (optional)	2 2,700K	80 80	M Narrow Flood (30°)
ECO2L2B	-02 Black	AN Natural Anodized	May be applied on finishes: -01, -02, -11 and -15	3 3,000K	90 90	W Wide Flood (54°)
ECO2L2C	-04BR Brushed Chrome	PAINTED				
ECO2L2D	-11 Matte White	01 White				
	-12BR Brushed Nickel	11 Matte White				
	-15 Metallic Grey					

Reflector for ECO2L2D only

MARINE GRADE - Unless otherwise indicated, trims are for interior, cold and exterior locations where fixtures are not subject to direct rain or snow exposure as in soffits. MARINE GRADE treatment is recommended for exterior, shower and high salinity environment.

* Narrow Flood (30°) may be used with Trim models: A,B and D

Wide Flood (54°) may be used with Trim models: A,B, C and D

** 01 and 11 reflector finishes only available with matching trim finishes.

Trim Finishes



White (-01)



Black (-02)



Brushed Chrome (-04BR)



Matte White (-11)



Brushed Nickel (-12BR)



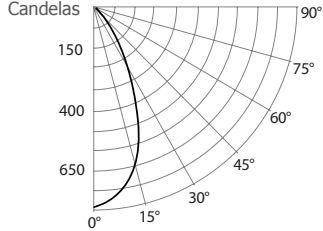
Metallic Grey (-15)

PHOTOMETRIC DATA

ECO²LED 31/2"

ECO²L3A 2,700K, 90+ CRI, Wide Flood

CANDLEPOWER DISTRIBUTION



LIGHT CONE

Distance	FC	DIA
06'	22,2	5,7'
08'	12,5	7,6'
10'	8,0	9,5'
12'	5,5	11,3'
14'	4,1	13,2'

Beam: 51°
Beam Edge defined as 50%
of Maximum Nadir Candle-power.

LUMINAIRE

ECO2L3A	2,700K Wide Flood
Equivalent Lamp	75W PAR30
CBCP / Lumens	798 / 600
Watts	120V 10,7W
Operating AMPS	0,099A
Lumen Maintenance	L70 @ 50,000 Hrs
CRI	90 +
Lumens/Watt	56,9
Spacing Criteria	0,8

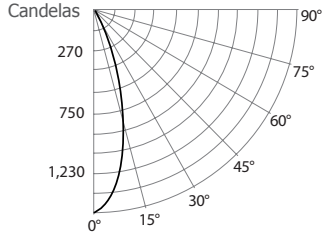
COEFFICIENT OF UTILIZATION - %

Ceiling Reflect %	80		50		30	
Wall Reflect %	50	30	50	30	50	30
RCR	0	119	119	111	111	106
	2	103	99	98	95	95
	4	90	85	87	83	85
	6	79	74	77	72	76
	8	71	65	69	64	68
	10	63	58	62	57	61

Zonal Cavity Method Effective Floor
Cavity Reflectance 20%

ECO²L3B 3,000K, 90+ CRI, Narrow Flood

CANDLEPOWER DISTRIBUTION



LIGHT CONE

Distance	FC	DIA
06'	41,6	3,4'
08'	23,4	4,5'
10'	15,0	5,6'
12'	10,4	6,7'
14'	7,6	7,9'

Beam: 31°
Beam Edge defined as 50%
of Maximum Nadir Candle-power.

LUMINAIRE

ECO2L3B	3,000K Narrow Flood
Equivalent Lamp	50W MR16
CBCP / Lumens	1,498 / 605
Watts	120V 10,7W
Operating AMPS	0,099A
Lumen Maintenance	L70 @ 50,000 Hrs
CRI	90 +
Lumens/Watt	57,1
Spacing Criteria	0,5

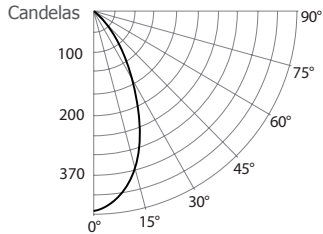
COEFFICIENT OF UTILIZATION - %

Ceiling Reflect %	80		50		30		
Wall Reflect %	50	30	50	30	50	30	
RCR	0	119	119	111	111	106	106
	2	105	101	100	97	97	95
	4	93	89	90	86	88	85
	6	84	79	82	78	81	77
	8	77	71	75	71	74	70
	10	70	65	69	65	68	64

Zonal Cavity Method Effective Floor
Cavity Reflectance 20%

ECO²L3C 2,700K, 80+ CRI, Wide Flood

CANDLEPOWER DISTRIBUTION



LIGHT CONE

Distance	FC	DIA
06'	12,1	6,1'
08'	6,8	8,2'
10'	4,4	10,2'
12'	3,0	12,3'
14'	2,2	14,3'

Beam: 54°
Beam Edge defined as 50%
of Maximum Nadir Candle-power.

LUMINAIRE

ECO2L3C	2,700K Wide Flood
Equivalent Lamp	50W GU10
CBCP / Lumens	435 / 435
Watts	120V 10,7W
Operating AMPS	0,099A
Lumen Maintenance	L70 @ 50,000 Hrs
CRI	80 +
Lumens/Watt	41,6
Spacing Criteria	0,5

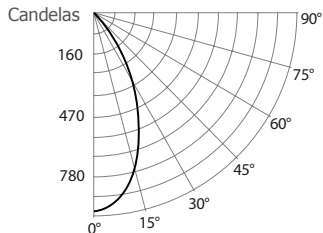
COEFFICIENT OF UTILIZATION - %

Ceiling Reflect %	80	50		30			
Wall Reflect %	50	30	50	30	50	30	
RCR	0	119	119	111	111	106	106
	2	99	95	94	91	91	88
	4	84	77	80	75	78	74
	6	72	65	69	64	68	63
	8	63	56	61	55	60	54
	10	55	49	54	48	53	48

Zonal Cavity Method Effective Floor
Cavity Reflectance 20%

ECO²L3D 3,000K, 80+ CRI, Wide Flood

CANDLEPOWER DISTRIBUTION



LIGHT CONE

Distance	FC	DIA
06'	25,9	5,9'
08'	14,5	7,9'
10'	9,3	9,9'
12'	6,5	11,8'
14'	4,8	13,8'

Beam: 53°
Beam Edge defined as 50%
of Maximum Nadir Candle-power.

LUMINAIRE

ECO2L3D	3,000K Wide Flood
Equivalent Lamp	50W MR16
CBCP / Lumens	931 / 706
Watts	120V 10,7W
Operating AMPS	0,099A
Lumen Maintenance	L70 @ 50,000 Hrs
CRI	80 +
Lumens/Watt	68,3
Spacing Criteria	0,8
Certificat LM79-08	472936

COEFFICIENT OF UTILIZATION - %

Ceiling Reflect %	80		50		30	
Wall Reflect %	50	30	50	30	50	30
RCR	0	119	119	111	106	106
	2	104	100	99	96	96
	4	91	85	88	83	86
	6	80	74	78	73	77
	8	71	66	70	65	69
	10	64	58	63	58	62

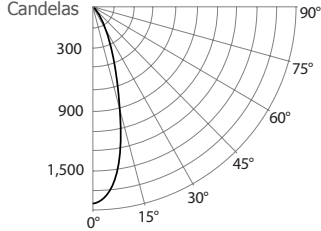
Zonal Cavity Method Effective Floor
Cavity Reflectance 20%

PHOTOMETRIC DATA

ECO²LED 4"

ECO²L2A 3,000K, 80+ CRI, Narrow Flood

CANDLEPOWER DISTRIBUTION



LIGHT CONE

Distance	FC	DIA
06'	48,4	3,4'
08'	27,2	4,5'
10'	17,4	5,6'
12'	12,1	6,7'
14'	8,9	7,8'

Beam: 31°
Beam Edge defined as 50% of Maximum Nadir Candle-power.

LUMINAIRE

ECO2L2A	3,000K Narrow Flood
Equivalent Lamp	50W MR16
CBCP / Lumens	1,742 / 703
Watts	120V 10,7W
Operating AMPS	0,099A
Lumen Maintenance	L70 @ 50,000 Hrs
CRI	80 +
Lumens/Watt	66,5
Spacing Criteria	0,5

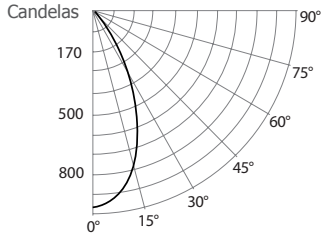
COEFFICIENT OF UTILIZATION - %

Ceiling Reflect %	80			50			30	
Wall Reflect %	50	30	50	30	50	30	50	30
RCR	0	119	119	111	111	106	106	106
	2	105	101	100	97	97	97	95
	4	93	89	90	86	88	88	85
	6	84	79	82	78	81	81	77
	8	77	71	75	71	74	74	70
	10	70	65	69	65	68	68	64

Zonal Cavity Method Effective Floor
Cavity Reflectance 20%

ECO²L2B 3,000K, 80+ CRI, Wide Flood

CANDLEPOWER DISTRIBUTION



LIGHT CONE

Distance	FC	DIA
06'	27,0	5,7'
08'	15,2	7,6'
10'	9,7	9,5'
12'	6,8	11,4'
14'	5,0	13,2'

Beam: 51°
Beam Edge defined as 50% of Maximum Nadir Candle-power.

LUMINAIRE

ECO2L2B	3,000K Wide Flood
Equivalent Lamp	50W MR16
CBCP / Lumens	973 / 732
Watts	120V 10,7W
Operating AMPS	0,099A
Lumen Maintenance	L70 @ 50,000 Hrs
CRI	80 +
Lumens/Watt	69,2
Spacing Criteria	0,8

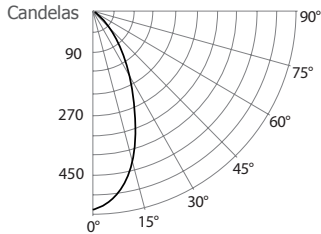
COEFFICIENT OF UTILIZATION - %

Ceiling Reflect %	80	50		30			
Wall Reflect %	50	30	50	30	50	30	
RCR	0	119	119	111	111	106	106
	2	103	99	98	95	95	93
	4	90	85	87	83	85	81
	6	79	74	77	72	76	71
	8	71	65	69	64	68	63
	10	63	58	62	57	61	57

Zonal Cavity Method Effective Floor
Cavity Reflectance 20%

ECO²L2C 3,000K, 90+ CRI, Wide Flood

CANDLEPOWER DISTRIBUTION



LIGHT CONE

Distance	FC	DIA
06'	12,9	5,6'
08'	7,3	7,5'
10'	4,7	9,3'
12'	3,2	11,2'
14'	2,4	13,1'

Beam: 50°
Beam Edge defined as 50% of Maximum Nadir Candle-power.

LUMINAIRE

ECO2L2C	3,000K Wide Flood
Equivalent Lamp	35W MR16
CBCP / Lumens	466 / 421
Watts	120V 10,7
Operating AMPS	0,099A
Lumen Maintenance	L70 @ 50,000 Hrs
CRI	90 +
Lumens/Watt	40
Spacing Criteria	0,8

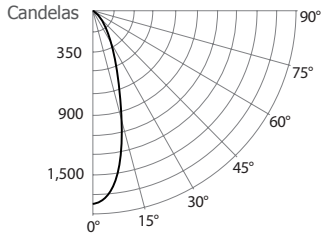
COEFFICIENT OF UTILIZATION - %

Ceiling Reflect %	80	50	30				
Wall Reflect %	50	30	50	30			
RCR	0	119	119	111	111	106	106
	2	100	95	95	91	91	88
	4	84	78	81	76	79	74
	6	73	66	70	65	69	64
	8	64	57	62	56	61	56
	10	56	50	55	50	54	49

Zonal Cavity Method Effective Floor
Cavity Reflectance 20%

ECO²L2D 3,000K, 80+ CRI, Narrow Flood

CANDLEPOWER DISTRIBUTION



LIGHT CONE

Distance	FC	DIA
06'	47,8	3,4'
08'	26,9	4,5'
10'	17,2	5,6'
12'	11,9	6,8'
14'	8,8	7,9'

Beam: 31°
Beam Edge defined as 50% of Maximum Nadir Candle-power.

LUMINAIRE

ECO2L2D	3,000K Narrow Flood
Equivalent Lamp	50W MR16
CBCP / Lumens	1,720 / 693
Watts	120V 10,7W
Operating AMPS	0,099A
Lumen Maintenance	L70 @ 50,000 Hrs
CRI	80 +
Lumens/Watt	65,9
Spacing Criteria	0,5
Certificat LM79-08	472951

COEFFICIENT OF UTILIZATION - %

Ceiling Reflect %	80	50		30			
Wall Reflect %	50	30	50	30	50	30	
RCR	0	119	119	111	111	106	106
	2	105	102	100	98	97	95
	4	94	89	91	87	89	86
	6	85	80	83	78	81	78
	8	77	72	76	71	75	71
	10	71	66	70	65	69	65

Zonal Cavity Method Effective Floor
Cavity Reflectance 20%



WARRANTY

5-year warranty on the ECO²LED Modules and Drivers.

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CONTRAST
L I G H T I N G