LC4 / LD4D-DGS

4" LC Warm Dim Fire-Rated Downlight with Drop Lens

JOB NAME		CATALOG NUMBER	
NOTES		TYPE	

ELECTRICAL DATA

LED Light Engine	System Wattage *	CCT / CRI	Nominal Delivered Lumens **
L4	14W	3000K to 1800K / 92CRI	1150lm

***System Wattage includes driver & LED Module consumption / **Delivered Lumen output will vary depending on CCT, CRI & finish**

WD

4" Drop Lens Trim

FEATURES
- 2-Hour Fire Resistance tested and rated, cETLus Listed
- Type IC and CCEA rated for Chicago Plenum
- Concrete pour option available
- Single housing design accepts both round and square trims

LED LIGHT ENGINE
- Warm Dim 3000K to 1800K at 92CRI
- 2 SDCM (2-Step MacAdam)
- 50,000 hours L70 (rated life at 70% output)

ELECTRICAL SYSTEM
- Universal 120V - 277V input
- This product complies with IEEE C62.41 for surge endurance up to 2.5KV
- Additional surge protection recommended
- Damage from power surge is not covered by warranty

HOUSING
- 16 gauge galvanized steel
- Type IC and Chicago Plenum rated
- Concrete pour option (includes mounting tabs)

DIMMING
- Phase and 0-10V dimming available via single driver
- Forward/reverse phase dimming (120V only)
- 0-10V 5% dimming
- For alternate dimming options see LC4F Downlight specification sheet

TRIM ASSEMBLY
- Die-cast trim and heat sink assembly with quick connect for easy installation.
- High optical transparency diffusion lens
- Wet location listed

INSTALLATION
- Fixture includes adjustable bar hangers (14"-24") for wood joist or T-bar ceiling installations
- Accomodates ceilings with a 1/2" to 1-1/2" thickness
- Maximum ambient temperature 50°C (122°F)

LISTING
- cETLus Listed in accordance with UL1598 and CSA C222 No. 250.0
- Suitable for Wet Locations, Covered Ceilings, when used with LD4 Trims
- 2-Hour Fire Resistance tested and rated, cETLus Listed in accordance with UL263, CAN/ULC-S101 and ASTM E119
- CCEA rated for Chicago Plenum installations
- STC:57/IIC:50
- 5-Year Intense LED Limited Warranty
- ENERGY STAR® Certified
- Can be used to comply with Title 24, Part 6, JA8 high efficacy LED light source requirements

For alternate dimming options see LC4F Downlight specification

Ceiling Cut Out: 4 5/16" Octagonal. **Maximum Ceiling Thickness:** 1 1/2"

Frame-In Part Number (Example: LC4L4)

Frame-In	Wattage	Dimming	Options
☐ **LC4** (Fire-Rated, J-box housing)	☐ **L4** (14W)	☐ blank (120V-277V, 120V Phase[1], 0-10V)	☐ **P** (Concrete Pour)

Trim Assembly Part Number (Example: LD4DRWDDGS-SFW)

Trim	CCT/CRI	Finish
☐ **LD4DR** (4" Downlight Round)	☐ **WD** (3000K-1800K)	☐ **DGS-SFW** (Drop Lens / Self-Flanged White)

Note:
1. Phase Dimming, 120V only

INTENSE LIGHTING | 725 Landwehr Road, Northbrook, IL 60026 | **tel** 847 559-5500

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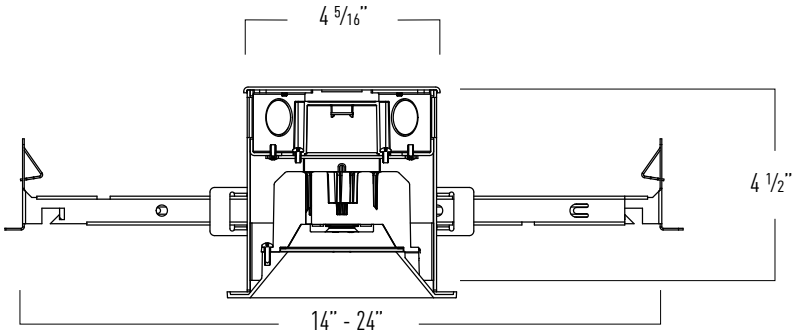
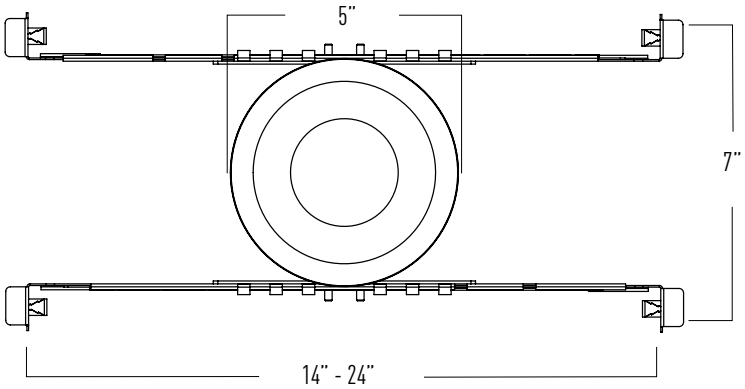
LC4 / LD4D-DGS

4" LC Warm Dim Fire-Rated Downlight with Drop Lens

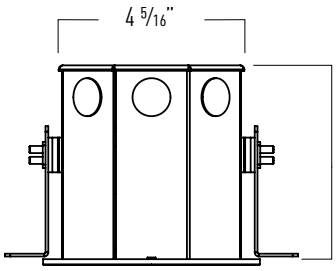
JOB NAME		**CATALOG NUMBER**	
NOTES		**TYPE**	

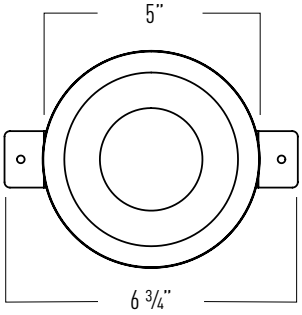
Standard Housings

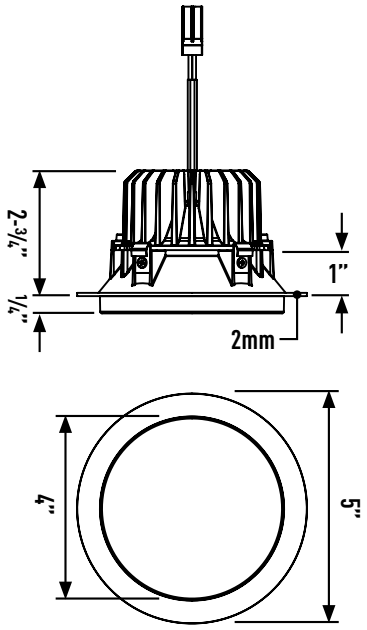




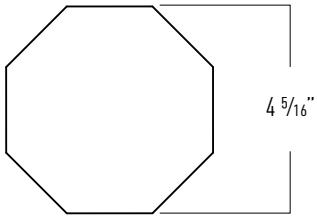
Concrete Pour Housings







Ceiling Cut Out



Ceiling Cut Out: 4 5/16" octagonal. Maximum Ceiling Thickness: 1 1/2"

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LC4 / LD4D-DGS

4" LC Warm Dim Fire-Rated Downlight with Drop Lens

JOB NAME		CATALOG NUMBER	
NOTES		TYPE	

LC4L4 / LD4DRWDDGS-SFW

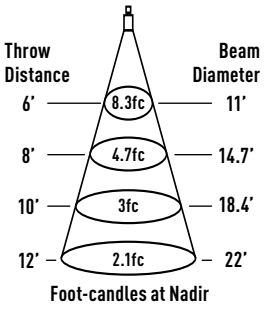
REPORT #: 20210312-1.002

CCT MULTIPLIERS (90CRI):

2700K	(x 1.00)
3000K	(x 1.00)
3500K	(x 1.00)
4000K	(x 1.00)

TRIM FINISH MULTIPLIERS:

White	(x 1.00)
Black	(x 0.85)
Satin Nickel	(x 0.91)



Watts: 8 **LPW:** 75
Lumens: 600 **CCT:** 3000K

Intensity	
Degree	**CBCP**
0°	299
5°	296
15°	275
25°	240
35°	193
45°	131

LC4L3 / LD4DRWDDGS-SFW

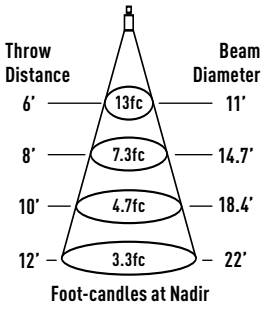
REPORT #: 20210312-1.001

CCT MULTIPLIERS (90CRI):

2700K	(x 1.00)
3000K	(x 1.00)
3500K	(x 1.00)
4000K	(x 1.00)

TRIM FINISH MULTIPLIERS:

White	(x 1.00)
Black	(x 0.85)
Satin Nickel	(x 0.91)



Watts: 11 **LPW:** 81.8
Lumens: 900 **CCT:** 3000K

Intensity	
Degree	**CBCP**
0°	468
5°	464
15°	430
25°	377
35°	302
45°	206

LC4L4 / LD4DRWDDGS-SFW

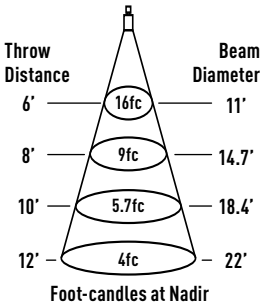
REPORT #: 20210312-1.003

CCT MULTIPLIERS (90CRI):

2700K	(x 1.00)
3000K	(x 1.00)
3500K	(x 1.00)
4000K	(x 1.00)

TRIM FINISH MULTIPLIERS:

White	(x 1.00)
Black	(x 0.85)
Satin Nickel	(x 0.91)



Watts: 14 **LPW:** 82.14
Lumens: 1150 **CCT:** 3000K

Intensity	
Degree	**CBCP**
0°	575
5°	570
15°	528
25°	462
35°	371
45°	253

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