Project Name:	Type:
Part Number:	Date:

GREENCREATIVE

THINFIT 4” COMMERCIAL DOWNLIGHT

041621

SPECIFICATION FEATURES

- **Mechanical** - Shallow die cast aluminum heat sink with a low profile external driver is ideal for new or remodel construction. Two rugged spring clips allow for both easy installation and field accessibility below the ceiling.
- **Electrical** - 120V voltage, 50/60Hz external driver, dims to 10% using most forward and reverse phase dimmers. Plenum rated cable with quick connect for easy installation. Go to www.greencreative.com for complete dimmer compatibility list.
- **Optical** - Edge lighting technology featuring a PMMA light guide plate and smooth polycarbonate lens ensures an even light emitting surface. Available in 2700K, 3000K and 4000K with a minimum of 90 CRI.
- **Thermal** - Die cast aluminum heat sink with it’s edge lighting design maximizes thermal dissipation. L70 rated lifetime of 50,000 hours.
  Fixture operating temperature: -4°F to 95°F (-25°C to 35°C)
- **Compliance and warranty** - ETL Listed for wet location.
  Certified air-tight per ASTM 283-04, IC rated for direct contact with insulation.
  5 year parts warranty for complete fixture.

BENEFITS

- Quick and easy installation with spring action clip
- External driver with quick connector for easy wiring
- Suitable for shallow ceiling applications
- Install almost everywhere with Wet Location, IC and Air-tight ratings
- Edge lighting technology for gentle and smooth diffusion

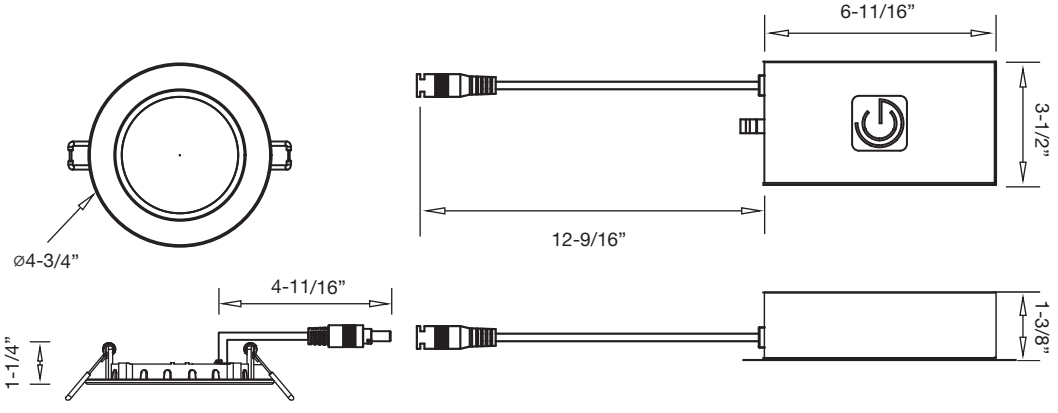
APPLICATIONS

- Commercial
- Residential
- Educational
- Hospitality
- Retail

ORDERING INFORMATION

Series	Size	CRI	CCT	Driver
☑ **10NCDL** New Construction Downlight 10W	☑ **R4DIM** 4”	☑ **9** CRI 90	☐ **27** 2700K	☑ **EXT** 120V - Line voltage dimming
			☐ **30** 3000K	
			☐ **40** 4000K	

LINE DRAWINGS



Ceiling Cutout	
Minimum	Maximum
Ø4-1/16”	Ø4-3/8”

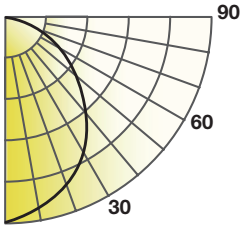
THINFIT 4” COMMERCIAL DOWNLIGHT

TECHNICAL INFORMATION

Dimming	Input Voltage	Input Frequency	Input Current	Input Power	THD Power	Power Factor
Forward or Reverse Phase	120V	50 / 60Hz	0.08A	10W	<20%	>0.9

PHOTOMETRY

10NCDLR4DIM/930/EXT



Lumens: 736 lm
Power: 10 W
Efficacy: 76 lm/W
CRI: 90+
Spacing Criteria: 1.25
Beam Angle: 114°

Candlepower Distribution

Angle (°)	Average (cd)
0	254
5	253
15	244
25	226
35	200
45	168
55	132
65	93
75	49
85	8
90	0

Initial Footcandles

Height (ft)	Fc	Diameter (ft)
8	4	25
9	3	28
10	3	31
12	2	37
15	1	46

Coefficient

2700K	3000K	4000K
0.98	1.00	1.12

Zonal Lumen Summary

Zone	Lumens	%Fixture
0-30	197	27
0-40	323	44
0-60	575	78
0-90	736	100

PERFORMANCE

10NCDLR4DIM/9xx/EXT			
CCT	2700K	3000K	4000K
Lumens	720	736	826
LPW	71	84	83

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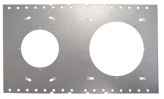
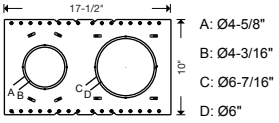
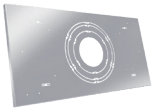
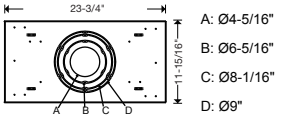
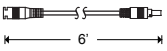
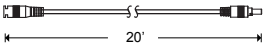
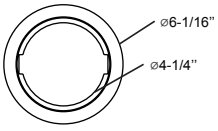
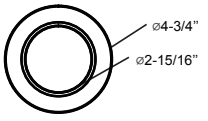
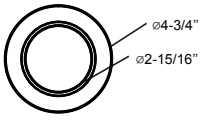
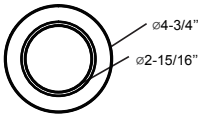
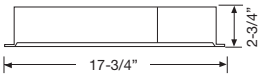
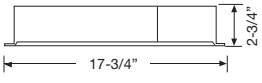
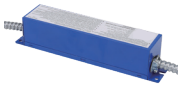
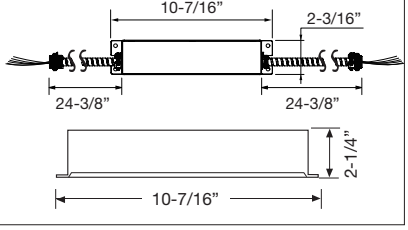
ACCESSORY ORDERING INFORMATION

Product	Model	Description	Pictures	Dimenions
98280	NCDL46RPLATE	4" & 6" THINFIT EXT Series New Construction Plate for Stud/Joist Mounting		
98501	NCPLATE/T4689	New Construction or Remodel Plate for T-Grid Ceilings		
98236	NCDLCON6	THINFIT EXT 120V - 6 foot extension cable		
98237	NCDLCON20	THINFIT EXT 120V - 20 foot extension cable		
97847	DLNC4GOOF/R	4" THINFIT EXT Series GOOF RING		
98345	NCDLR4TRIMBL	4" THINFIT EXT Series Black Trim		
98346	NCDLR4TRIMBN	4" THINFIT EXT Series Brushed Nickel Trim		
98347	NCDLR4TRIMBZ	4" THINFIT EXT Series Bronze Trim		
58012	35EMINVERTER	35W Emergency Inverter (Field Installation)		
58013	35EMINVERTER/CEC	California Title 20 Compliant 35W Emergency Inverter (Field Installation)		
98003	23EMDRIVER	California Title 20 Compliant 23W Emergency LED Driver (Field Installation)		

THINFIT 4” COMMERCIAL DOWNLIGHT

ORDERING GUIDE

Product	Model
98107	12NCDLR6DIM/927/EXT
98108	12NCDLR6DIM/930/EXT
98109	12NCDLR6DIM/940/EXT

Note: All rights reserved. All sizes and specifications are subject to change at any time without notice.