

NEST

ATR02-CDW

2" almost trimless downlight

dals

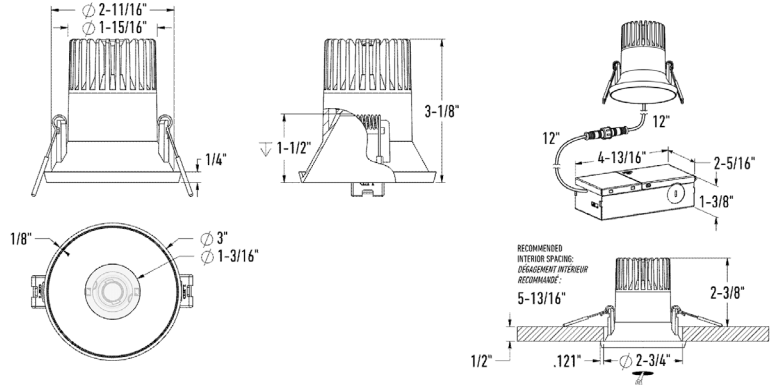
PROJECT

DATE

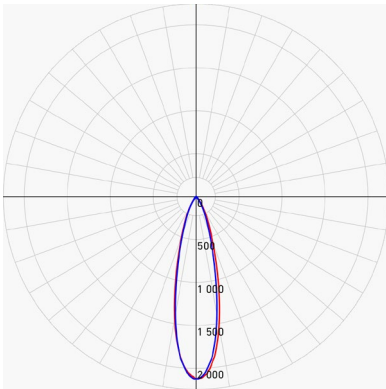
TYPE

QTY

NOTES



LIGHT DISTRIBUTION



Distance from luminaire	FC at Nadir	Diameter
4'	132.5 fc	2'
6'	58.9 fc	3'-1"
8'	33.1 fc	4'-1"
10'	21.2 fc	5'-1"
12'	14.7 fc	6'-1"

*measured at 3000k

SPECS

Cut hole size (in)	2-3/4"
Watts (W)	8
Delivered lumens*	650
Voltage (v)	120
FT rating	FT6
CRI	93
TM-30	Rf : 91 Rg : 99
Binning	3 SDCM
Beam angle (deg)	25
UGR	12
LED model	COB
Dimming	Triac / ELV
Color temperature	2700K/3000K/3500K/4000K/5000K+DIM-TO-WARM

CONSTRUCTION

Lens material	Acrylic
Optic type	Optical lens

ELECTRICAL DETAILS

Location	Wet
Environment	Indoor/Outdoor
Operating temp. (° C)	-20 to 45
IP rating	IP65
Input voltage (V)	120
Input current (mA)	78
Output voltage (V)	36
Output current (mA)	190
Power factor (%)	90
Driver type	Constant current
THD	≤ 20%
Lifetime @ L70	>50 000hrs

Finish type	Matte
Housing material	Aluminum

ORDERING GUIDE

ATR02-CDW	-	Finish
WH	-	White
BK	-	Black

CERTIFICATIONS

ETL listed	UL-1598	and	CSA C22.2 No. 250.0
Title 24-JA8, Energy Star, IC rated, Air-tight ASTM E283-04			
Compliant to	FCC Part 15 Subpart B		
ICES-005 Issue 5			



CANADA
80, Blvd. de la Seigneurie E.
Blainville, Quebec J7C 4N1

USA
4383, NW 124th Ave.,
Coral Springs, Florida 33065

1 877.430.1818
info@dals.com
dals.com

WHAT'S IN THE BOX

Recessed fixture
Junction box
3x push-in wire connectors
1/2" non-Metallic Connector
Instruction sheet

ACCESSORIES

REC-RFP-2
Rough-in template

REC-RFP-DOUBLE23
Rough-in template

RFP-UNI
Rough-in template

REC-EMD08
8w emergency battery

EXTENSIONS

REC-CDW-EXT8FT
96" extension cord for recessed fixtures

REC-CDW-EXT20FT
240" extension cord for recessed fixtures

WARRANTY

DALS offers a 5-year warranty from the date of purchase which covers repairs or replacement of defective parts of the housing, optics, and electronics.
To contact DAL'S customer service call 1-877-430-1818 or send an e-mail to info@dals.com.

RECOMMENDED DIMMER LIST**

BRAND	MODEL	DIMMER SPECS	DIMMING RANGE %		MAX LOAD (units)
			MIN	MAX	
Dals	SM-DIMSW Smart Dimmer*	Triac, 250W LED/CFL	3	100	31
Lutron	DVCL-153PR-WH-C*	Triac, 150 W Dimmable CFL/LED	5	100	19
Lutron	CTCL-153PDH-WH-C*	Triac, 150 W Dimmable CFL/LED	5	100	19
Lutron	DVLV-600P-BL	Magnetic Low Voltage, 450W	7	100	56
Lutron	MACL-153MRHW-WHC*	Triac, 150 W Dimmable CFL/LED	0	100	19
Lutron	DVELV-300P-WH	300W electronic low voltage dimmer	7	100	38
Lutron	MA-PRO-WH*	ELV, 250W LED/CFL	0	100	31
Lutron	Caseta PD-6WCL-WH-R-C*	Triac, 300W Dimmable CFL/LED	4	100	19
Lutron	Caseta PD-5NE-WH-C*	ELV, LED—up to 250 W	1	100	31
Lutron	Caseta PD-10NXD-WH*	Triac, LED—up to 250 W	0	100	31
Leviton ^f	6672-1LW	Triac, 150W Dimmable CFL/LED	12	100	19
Leviton	DSM10-1LZ*	Triac, 450W Dimmable CFL/LED	0	100	56
Leviton	6674*	Triac, 150 W Dimmable CFL/LED	9	100	19
Leviton	PL06-10Z*	Triac, 150 W Dimmable CFL/LED	9	100	19
Leviton	DSL06-1LZ*	Triac, 300 W Dimmable CFL/LED	9	100	38
Leviton	D26HD-742-1RW*	Triac, 300W LED/CFL	0	100	38
Legrand	RHCL453PNICCV4*	Triac, 450W Dimmable CFL/LED	9	100	56
Legrand	ADTP703TUM4*	Triac, 450W Dimmable CFL/LED	0	100	56
Control 4	C4-APD120-WH	ELV, 120W LED	0	100	15
Commercial Electric	HPDA311CWB*	Triac, 150W LED & CFL	0	100	19
TP-Link	HS220*	Triac, 150 W, Dimmable LED (MLV)	0	100	19
Leviton	RDL06-10Z	Triac, 150W LED & CFL	9	100	19

*With low-end adjustment feature. **Some dimmers may produce minimal buzzing noise.

ATR02-CDW

Revision 0 | 2026-01



CANADA
80, Blvd. de la Seigneurie E.
Blainville, Quebec J7C 4N1

USA
4383, NW 124th Ave.,
Coral Springs, Florida 33065

1 877.430.1818
info@dals.com
dals.com