

DL 5" LOWPRO CANLESS DIRECT
4 CCT COLOR PREFERENCE®
J-BOX MOUNT RECESSED DOWNLIGHT

KEY FEATURES

- Luminaire shall use ETISSL's patented Color Preference with 4 Selectable CCTs (2700K, 3000K, 4000K, 5000K), using Samsung LEDs
- 90+ CRI (JA8 Title 24 Compliant) | 50+ R9, high R13 value
- IC Rated for maximum thermal management
- Triac dimming down to 10%—quiet and flickering free
- Damp location

SPECIFICATIONS

Construction

- Durable die-cast aluminum low profile trim with 1/10" surface profile?
- Suitable for IC or Non-IC applications
- Matte white finish

Optics

- High impact, polymer diffuser lens for zero pixelation and overall visual comfort
- Uniform, even light distribution

Installation

- Two low-profile spring retention clips for a secure fit—no need for a separate recessed housing or junction box
- Easy to installed and service from below the mounting/ceiling surface
- Minimum 2" plenum space required to install the remote driver box
- Field select one of four CCTs at installation with an integral switch accessible on back side of luminaire. Factory set to 2700K.

Electrical

- >54,000 hour LEDs at L70 for reduced maintenance
- Operates at 120V, 60Hz
- ETISSL patented 4 CCT COLOR PREFERENCE® allows for easy field-adjustable color temperature selection with switch located on back of luminaire
- Triac dimming, down to 10%*

* Always consult dimmer manufacturer for proper use, installation and compatibility (some dimmers may require a neutral in the wall box).

Warranty

5-Year Standard Warranty. See terms at: ETISSL.com/warranty/

KEY DATA	
Lumens Range	964 – 1258
Wattage Range	13.16 – 13.35
Efficacy (LPW) Range	73 – 95
Reported Life (Hours)	L70 / >54,000
Input Current (mA)	126

DATE:	PROJECT:
TYPE:	NOTES:
CATALOG #:	



Certifications & Test Data

- Built to UL 1598 standards and have the appropriate UL labels and information on product
- Damp location
- Adheres to LM63, LM79, LM80 and TM21 industry standards for photometric, lumen maintenance and lifetime calculations
- ENERGY STAR® rated (See Page 2 for search info.)
- Product can be used to comply with California Title 24 Efficiency Standards
- JA8 Title 24 Compliant
- IC Rated for direct contact with insulation
- Suitable for use in clothes closets when installed in accordance with the NEC 410.16 spacing requirements



DL 5" LOWPRO CANLESS DIRECT | 4 CCT COLOR PREFERENCE® | J-BOX MOUNT RECESSED DOWNLIGHT

CATALOG LOGIC

DL	5	90	906		SV	D
Series	Size	Lumens	CRI	CCT	Voltage	Dimming
DL Downlight (LowPro Canless Direct)	5 (5" Dia)	90 (900 lm)	90 90CRI (min.)	6 4 CCT Color Preference® 27/30/40/5000K	SV Single-Volt 120V	D TRIAC Dimming

Notes:


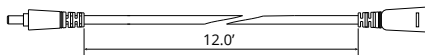
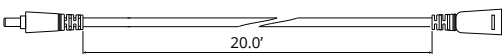

1. This product is not configurable, only designated 'Stock' SKUs are available.
2. Factory set at 2700K. Installing contractor responsible for ensuring desired CCT is selected during installation.

STOCK ORDERING INFORMATION (typical 2-3 day shipment lead time)¹

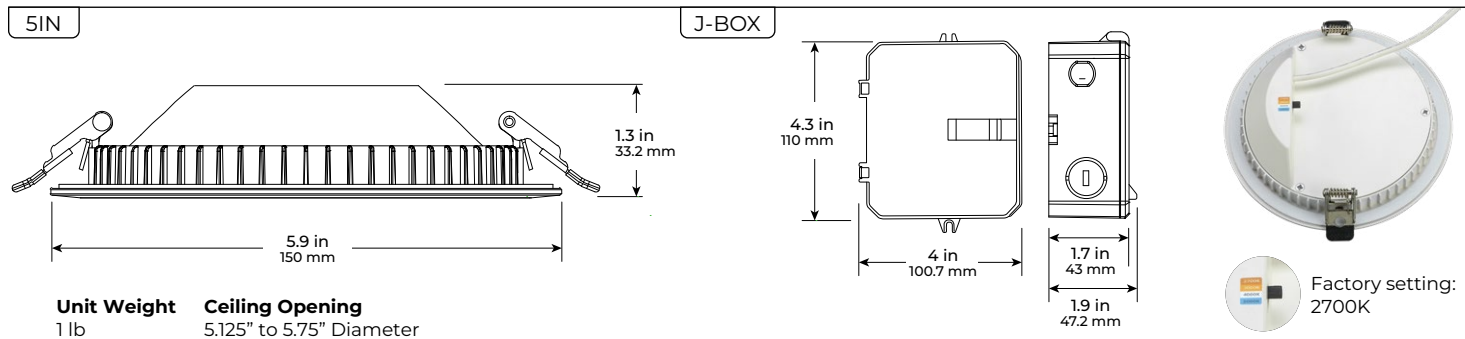
Catalog Part Number	Order Number	Description (Dia)	Case QTY	CRI	CCT (5CP)	Watts (Nom.)	Lumen Pkg	Delivered Lumens	LPW	Voltage	Dim	ENERGY STAR®
DL-5-90-906-SV-D	53807211	5" LowPro Canless Downlight	20	90+	2700K	15	900	964	73	120V	TRIAC	Yes, Search 538072##
					3000K	15	900	1058	80			
					4000K	15	900	1258	95			
					5000K	15	900	1243	93			

- Notes: 1. Stock SKUs typically ship in 24-48 hours upon receipt of an approved released order
2. For more delivered lumens information, download IES file from ETISSL.com

AVAILABLE STOCK ACCESSORIES (must be ordered separately, field installed)

Catalog Part Number	Order Number	Description	Details
LPGP-5IN	70308101	5in Rough-in Guide Plate (new construction)	
LP-12FT-EXTENDCORD	90600713	12' Extension Cord	 12.0'
LP-20FT-EXTENDCORD	90600714	20' Extension Cord	 20.0'
EMA25FY-170	70112202-2	Square Emergency LED Driver BBU 25W, IP rated, 90 min	 BBU's certified in CA Title 20 MAEDBS. Search: EMA25FY-170 SPEC SHEET DOWNLOAD (located on ETISSL.com)

DIMENSIONS / DETAILS



PERFORMANCE / Data

Lumen Maintenance

Ambient Temp.	TM-21 Lumen Maintenance (50,000 hours)
25° C (77° F)	84%
Ambient Temp.	TM-21 Theoretical L70 (hours)
25° C (77° F)	54,000

Load Information

Power Factor	> 0.90
THD	< 20%
Frequency	50/60 Hz
Sound Rating	18.9 dBA
Low Temp Start / Max Temp	-25° C (-13° F) / 45° C (113° F)

PHOTOMETRIC SAMPLE



Luminaire Data: at 3000K

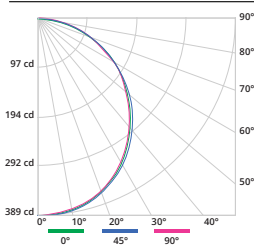
CCT & CRI	3000K, 90+ CRI
Delivered Lumens	1058
Wattage	13.16
Efficacy	80
Beam Angle	50%=108.4° 10%=159.8°
Spacing	0° = 1.26 90° = 1.26

Photometric values based on tests performed in compliance with LM-63 & LM-79

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	298.6	28.2%
0-40	485.75	45.9%
0-60	846.15	80%
0-90	1057.54	100%
0-180	1057.57	100%

Candela Plot



Candela Distribution

Angle	0°	90°
0	388	388
5	387	386
10	382	381
15	374	372
20	362	360
25	346	343
30	327	324
35	305	303
40	281	278
45	254	252
50	225	224
55	196	196
60	165	166
65	134	136
70	102	105
75	70	75
80	39	45
85	12	17
90	0	.072

% Effective Ceiling Cavity Reflectance

Ceiling	80%			70%			50%			30%			10%			0%		
Wall	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR	Zonal cavity method—effective floor reflectance = 20%																	
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	109	104	100	96	106	102	98	95	98	95	92	94	91	89	90	88	86	84
2	99	91	84	79	97	89	83	78	86	80	76	82	78	74	79	76	73	70
3	91	80	72	66	88	78	71	65	75	69	64	73	67	63	70	66	62	59
4	83	71	62	56	81	70	61	55	67	60	54	65	59	54	63	57	53	51
5	76	63	55	48	74	62	54	48	60	53	47	58	52	47	56	51	46	44
6	70	57	48	42	69	56	48	42	54	47	41	53	46	41	51	45	41	38
7	65	52	43	37	64	51	43	37	49	42	37	48	41	36	47	41	36	34
8	61	47	39	33	59	47	39	33	45	38	33	44	37	33	43	37	32	30
9	57	43	35	30	55	43	35	30	42	35	29	41	34	29	40	34	29	27
10	53	40	32	27	52	40	32	27	39	32	27	38	31	27	37	31	27	25