

Client:	
Order #:	
Project:	
Type:	

DESCRIPTION

The Recessed LED Downlight provides downlight solution with IC-rated insulation. The Select-n-Switch technology gives 5-CCT & 5-Power selectable function in the field with energy efficient performance. Triac/ELV dimming at 120Vac input, equipping with 12V auxiliary and 0-10V dim-to-off provides wide range options of control ability. The commercial downlight is suitable for wet location and is perfect for walkway & pathways.

FEATURES

- Field selectable 2700K, 3000K, 3500K, 4000K, 5000K and color temperatures.
- Color rendering index > 90, R9 > 0.
- Beam angle of 95°, UGR 22.
- Operating Temperature: -4° - 104°F.
- FCC CFR 47, Part 15, Subpart B:2017 @120V.
FCC CFR 47, Part 15, Subpart A:2017 @277V.
- Universal 120-277 AC voltage (50-60Hz) is standard.
- 10V Dimmable, Dim-to-Off; Triac/ELV Dimmable @120V.
- Power factor > 0.90.
- Total harmonic distortion < 20%.
- Built in 2.5Kv Surge Protector.
- Average life (L70) of 100,000 hours.
- ETL Listed for USA.

PERFORMANCE DATA

CRI

90+

CCT

2700K, 3000K, 3500K
4000K, 5000K

Projected Lifetime

>100,000 Hours (L70);

Dimming

10V Dimmable, Dim-to-Off
Triac/ELV Dimmable @120V

Operating Temperature

-25° to +40°C Ambient

Warranty

5 year Standard

ORDERING INFORMATION

VEKR 4D / 9F / 13W - 10T - AD

SERIES	SIZE	CRI & CCT	MAX WATTAGE	DIMMING	FEATURES
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SERIES	
VEKR	Slim Recessed LED Downlight
DIMENSION	
4D	4" Nominal Radius
6D	6" Nominal Radius
8D	8" Nominal Radius
9.5D	9.5" Nominal Radius

CRI & CCT	
9F	90+ CRI, 27K, 30K, 35K, 40K, 50K CCT Select.
MAX WATTAGE	
13WS	13 Watts, with 5.5W, 7W, 9W and 10W Select. (4")
19WS	19 Watts, with 8W, 10W, 13W and 15W Select. (6")
30WS	30 Watts, with 16W, 20W, 23W and 27W Select. (8")
38WS	38 Watts, with 20W, 24W, 28W and 32W Select. (9.5")

DIMMING	
10T	0-10V Dimming Triac/ELV Dimmable @120V
FEATURES	
AD	Aux Power 12V 0-10V Dimming, Dim-to-Off

SPECIFICATION DATA

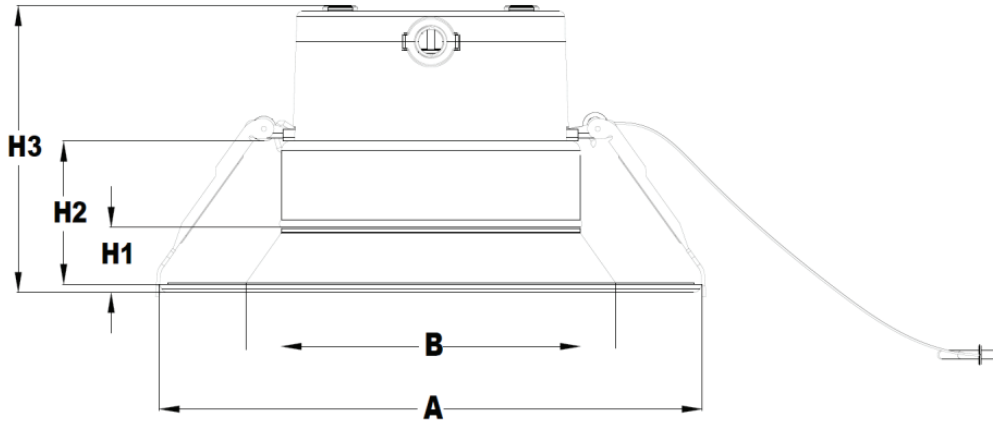
MODEL NUMBER	POWER SELECTIONS	INITIAL LUMENS	EFFICACY
VEKR4D/9F/13W-10T-AD	5.5 W	600	109 LPW
	7 W	800	114 LPW
	9 W	1050	116 LPW
	10 W	1150	115 LPW
	13 W	1450	112 LPW

MODEL NUMBER	POWER SELECTIONS	INITIAL LUMENS	EFFICACY
VEKR6D/9F/19W-10T-AD	8 W	1000	125 LPW
	10 W	1200	120 LPW
	13 W	1500	115 LPW
	15 W	1750	116 LPW
	19 W	2100	111 LPW

MODEL NUMBER	POWER SELECTIONS	INITIAL LUMENS	EFFICACY
VEKR8D/9F/30W-10T-AD	16 W	2000	125 LPW
	20 W	2300	115 LPW
	23 W	2650	115 LPW
	27 W	3000	111 LPW
	30 W	3300	110 LPW

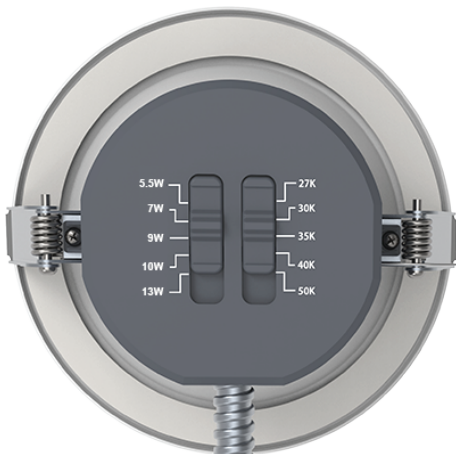
MODEL NUMBER	POWER SELECTIONS	INITIAL LUMENS	EFFICACY
VEKR9.5D/9F/38W-10T-AD	20 W	2500	125 LPW
	24 W	2750	115 LPW
	28 W	3200	114 LPW
	32 W	3500	109 LPW
	38 W	4150	109 LPW

DIMENSION



Items	4in	6in	8in	10in
A (Overall Trim Diameter)	152mm/6.0"	214mm/8.4"	255mm/10.0"	289mm/11.4"
B (Aperture Diameter)	115mm/4.5"	149mm/5.9"	181mm/7.1"	215.4mm/8.5"
C (Flexible Conduit /Whip)	660mm / 26"			
H1 (Ceiling Thickness)	18mm/0.7"	26mm/1.0"	30mm/1.2"	41mm/1.6"
H2 (Regress Height)	45mm/1.8"	56mm/2.2"	64mm/2.5"	76mm/3.0"
H3 (Assembled)	107mm/4.2"	123mm/4.8"	129mm/5.1"	141mm/5.6"
Min. Cut-out	Φ120mm/4.7"	Φ155mm/6.1"	Φ186mm/7.3"	Φ220mm/8.7"

CCT & POWER SELECT-N-SWITCH



DIMMER COMPATIBILITY

No.	Brand	Model No.	Interface
1	Leviton	IP710-DLZ	0-10V
2	Lithonia/Synergy	ISD BC 120/277 WH	0-10V
3	Cooper	SF10P-W	0-10V
4	Lutron	DVSTV-WH	0-10V
5	HUBBELL	PSD710	0-10V
6	HUBBELL	RSD710Z	0-10V

Brand	Model No.	Wattage	Interface
Lutron	CTCL-153P-WH	150W	TRIAC
Lutron	S2-LH	300W	TRIAC
Lutron	DVCL-153P	150W	TRIAC
Legrand	HCL453PTCCCV6	450W	TRIAC
Synergy/Leviton	ISD 600 I 120 / IPI06	600W	TRIAC
Leviton	6633-PA	600W	TRIAC
Leviton	6631-PLW	600W	TRIAC
Leviton	IPL0610Z	600W	Universal
Leviton	6674-P0W	600W	Universal
Lutron	DVELV-300P-AL	300W	ELV
Lutron	NTELV-300-WH	300W	ELV
Lutron	SELV-300P	300W	ELV
Insteon	2477D	600W	ELV
HUBBELL	RSDE06	600W	ELV
Lutron	PD-5NE	150W	Wireless