

REVI XLC 8-inch Round Open Downlight

REVI-XLC-8LCDB79VBC9-X-X-X-L-WC, 8PLED-X

SYSTEM DESCRIPTION

Low voltage LED lighting fixtures using REVI remote driver platforms are ideally suited to improve LED illumination and reliability. Remote driver platforms are useful in difficult-to-access ceilings or where architectural features. The REVI XLC downlight fixtures allow lighting designers and integrators to select from color rendering index, correlated color temperature, lens, flange and finishes to configure a comprehensive lighting solution.

Ideal Application: House of Worship, Auditoriums, Gymnasiums and pendants up to 9,652 lumens.

SYSTEM FEATURES

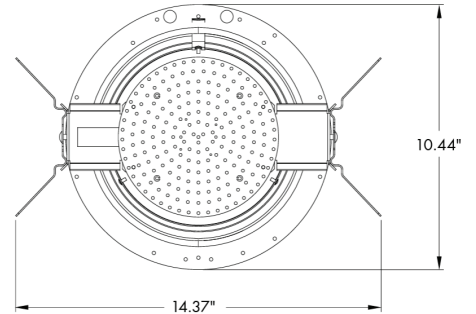
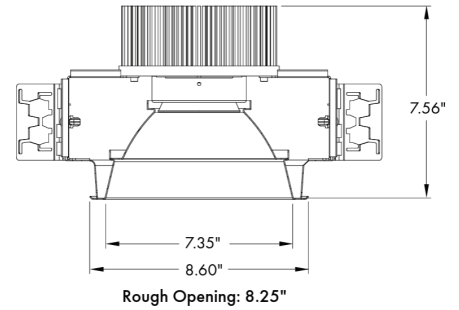
- Dual-optic system includes upper cone which determines the beam distribution and lower reflector to finish the ceiling without glare and features a 45° cut-off to source and source image.
- Heavy-gauge galvanized steel housing provides a secure mounting platform for the electrical components and protects the optical assembly.
- Vertically adjustable mounting brackets accept expandable hanger bars which are included.

TECHNICAL DATA

- All power leads include WAGO™ connectors for fast power connection
- Thermally protected
- See table for wattages and delivered lumens at various drive currents
- Expected lamp life to be 50,000 hours with 70% lumen maintenance when ambient temperature do not exceed 45°C. Lower ambient temperatures yield longer lamp life.
- CRI 90+ is standard for fixtures. CRI 95+ option is available. Maximum current on CRI 95+ fixtures is 1200mA.

REMOTE DRIVER OPTIONS

The REVI system features a remote panel that operates multiple lighting fixtures. These remote power supplies can be installed in an easy-to-access area such as a utility closet. Benefits include longer driver life due to reduced exposure to the heat of the LED engine and emergency (EM) options. Low-voltage class-2 wiring between driver panel and lighting fixture. No conduit required.



**5 Year
Warranty**



ASSEMBLY BUILDER

REVI-XLC-8LCDB79VB

Fixture Catalog Number

Example: REVI-XLC-8LCDB79VBT- **5K-N-WC** = 5000K Color Temperature with 95+ CRI, 35° Narrow Beam

REVI-XLC-8LCDB79VB

Fixture Series

Color Rendering Index

Color Temperature

Beam

WC

WAGO™ Connector

C9 = 90+*

5K = 5000K

N = 35°

T = 95+*

4K = 4000K

M = 50°

35K = 3500K

W = 70°

3K = 3000K

G1 = Wall Wash

27K = 2700K

G2 = Forward Throw

*By default, all fixtures come with 90 CRI unless otherwise indicated. For 95+ CRI, replace "C9" with T - Example: REVI-XLC-8LCDB79VBC9-5K-N-WC > **REVI-XLC-8LCDB79VBT-5K-N-WC**

8PLED

Flange Catalog Number

Example: 8PLED- **HAZ** = Haze Alzak Reflector w/ Polished Flange

8PLED

Trim Series

Flange

SCLPF = Soft Spec Clear Reflector w/ Polished Flange**

SCL = Soft Spec Clear Reflector w/ Matte White Flange**

HAZPF = Haze Alzak Reflector w/ Polished Flange**

HAZ = Haze Alzak Reflector w/ Matte White Flange**

MWH = Matte White Reflector w/ Matte White Flange**

WL = Wet Location

** By default, all fixtures come with SCLPF (Soft Spec Clear Reflector w/ Polished Flange) unless otherwise indicated. All flange options are damp rated unless the WL (Wet Location) option is chosen.

DELIVERED LUMENS DATA

Data based on fixture with 3500K Color Temperature at listed drive currents powered by REVI-Drive-12-250W and REVI-Drive-4-100W.

Fixture	Trim	Current (mA)	Wattage	Delivered Lumens	Beam Distribution	LPW
REVI-XLC-8LCDB79VB35KM40	8PLEDSCLPF	200	7	1053	40°	150.37
REVI-XLC-8LCDB79VB35KW50	8PLEDSCLPF	200	7	1062	50°	151.67
REVI-XLC-8LCDB79VB35KXW60	8PLEDSCLPF	200	7	1057	60°	151.00
REVI-XLC-8LCDB79VB35KFL70	8PLEDSCLPF	200	7	1044	70°	149.11
REVI-XLC-8LCDB79VB35KM40	8PLEDSCLPF	300	10	1340	40°	133.97
REVI-XLC-8LCDB79VB35KW50	8PLEDSCLPF	300	10	1351	50°	135.13
REVI-XLC-8LCDB79VB35KXW60	8PLEDSCLPF	300	10	1345	60°	134.53
REVI-XLC-8LCDB79VB35KFL70	8PLEDSCLPF	300	10	1328	70°	132.85
REVI-XLC-8LCDB79VB35KM40	8PLEDSCLPF	350	12	1722	40°	143.54
REVI-XLC-8LCDB79VB35KW50	8PLEDSCLPF	350	12	1737	50°	144.78
REVI-XLC-8LCDB79VB35KXW60	8PLEDSCLPF	350	12	1730	60°	144.14
REVI-XLC-8LCDB79VB35KFL70	8PLEDSCLPF	350	12	1708	70°	142.34
REVI-XLC-8LCDB79VB35KM40	8PLEDSCLPF	400	14	2105	40°	150.37
REVI-XLC-8LCDB79VB35KW50	8PLEDSCLPF	400	14	2123	50°	151.67
REVI-XLC-8LCDB79VB35KXW60	8PLEDSCLPF	400	14	2114	60°	151.00
REVI-XLC-8LCDB79VB35KFL70	8PLEDSCLPF	400	14	2088	70°	149.11
REVI-XLC-8LCDB79VB35KM40	8PLEDSCLPF	500	17	2584	40°	151.98
REVI-XLC-8LCDB79VB35KW50	8PLEDSCLPF	500	17	2606	50°	153.30
REVI-XLC-8LCDB79VB35KXW60	8PLEDSCLPF	500	17	2594	60°	152.61
REVI-XLC-8LCDB79VB35KFL70	8PLEDSCLPF	500	17	2562	70°	150.71

Scaling factors for other color temperatures: 2700K = 0.92; 3000K = 0.97; 4000K = 1.01; 5000K=1.04

Scaling factor for 90 CRI=0.83 [90 CRI is standard]

Scaling factor for 95+ CRI = 0.68

(Delivered Lumen data continued on next page)

DELIVERED LUMENS DATA

Data based on fixture with 3500K Color Temperature at listed drive currents powered by REVI-Drive-4-384W.

Fixture	Trim	Current (mA)	Wattage	Delivered Lumens	Beam Distribution	LPW
REVI-XLC-8LCDB79VB35KM40	8PLEDSCLPF	600*	21	3062	40°	145.81
REVI-XLC-8LCDB79VB35KW50	8PLEDSCLPF	600*	21	3089	50°	147.08
REVI-XLC-8LCDB79VB35KXW60	8PLEDSCLPF	600*	21	3075	60°	146.42
REVI-XLC-8LCDB79VB35KFL70	8PLEDSCLPF	600*	21	3036	70°	144.59
REVI-XLC-8LCDB79VB35KM40	8PLEDSCLPF	700*	25	3541	40°	141.62
REVI-XLC-8LCDB79VB35KW50	8PLEDSCLPF	700*	25	3571	50°	142.85
REVI-XLC-8LCDB79VB35KXW60	8PLEDSCLPF	700*	25	3555	60°	142.21
REVI-XLC-8LCDB79VB35KFL70	8PLEDSCLPF	700*	25	3511	70°	140.44
REVI-XLC-8LCDB79VB35KM40	8PLEDSCLPF	800	29	4019	40°	138.59
REVI-XLC-8LCDB79VB35KW50	8PLEDSCLPF	800	29	4054	50°	139.79
REVI-XLC-8LCDB79VB35KXW60	8PLEDSCLPF	800	29	4036	60°	139.16
REVI-XLC-8LCDB79VB35KFL70	8PLEDSCLPF	800	29	3985	70°	137.43
REVI-XLC-8LCDB79VB35KM40	8PLEDSCLPF	1000	36	4976	40°	138.22
REVI-XLC-8LCDB79VB35KW50	8PLEDSCLPF	1000	36	5019	50°	139.42
REVI-XLC-8LCDB79VB35KXW60	8PLEDSCLPF	1000	36	4997	60°	138.80
REVI-XLC-8LCDB79VB35KFL70	8PLEDSCLPF	1000	36	4934	70°	137.06
REVI-XLC-8LCDB79VB35KM40	8PLEDSCLPF	1200	44	5933	40°	134.84
REVI-XLC-8LCDB79VB35KW50	8PLEDSCLPF	1200	44	5984	50°	136.01
REVI-XLC-8LCDB79VB35KXW60	8PLEDSCLPF	1200	44	5958	60°	135.40
REVI-XLC-8LCDB79VB35KFL70	8PLEDSCLPF	1200	44	5883	70°	133.71
REVI-XLC-8LCDB79VB35KM40	8PLEDSCLPF	1750	65	8229	40°	126.61
REVI-XLC-8LCDB79VB35KW50	8PLEDSCLPF	1750	65	8301	50°	127.70
REVI-XLC-8LCDB79VB35KXW60	8PLEDSCLPF	1750	65	8264	60°	127.13
REVI-XLC-8LCDB79VB35KFL70	8PLEDSCLPF	1750	65	8161	70°	125.55
REVI-XLC-8LCDB79VB35KM40	8PLEDSCLPF	2100	80	9569	40°	119.61
REVI-XLC-8LCDB79VB35KW50	8PLEDSCLPF	2100	80	9652	50°	120.65
REVI-XLC-8LCDB79VB35KXW60	8PLEDSCLPF	2100	80	9609	60°	120.111
REVI-XLC-8LCDB79VB35KFL70	8PLEDSCLPF	2100	80	9489	70°	118.61

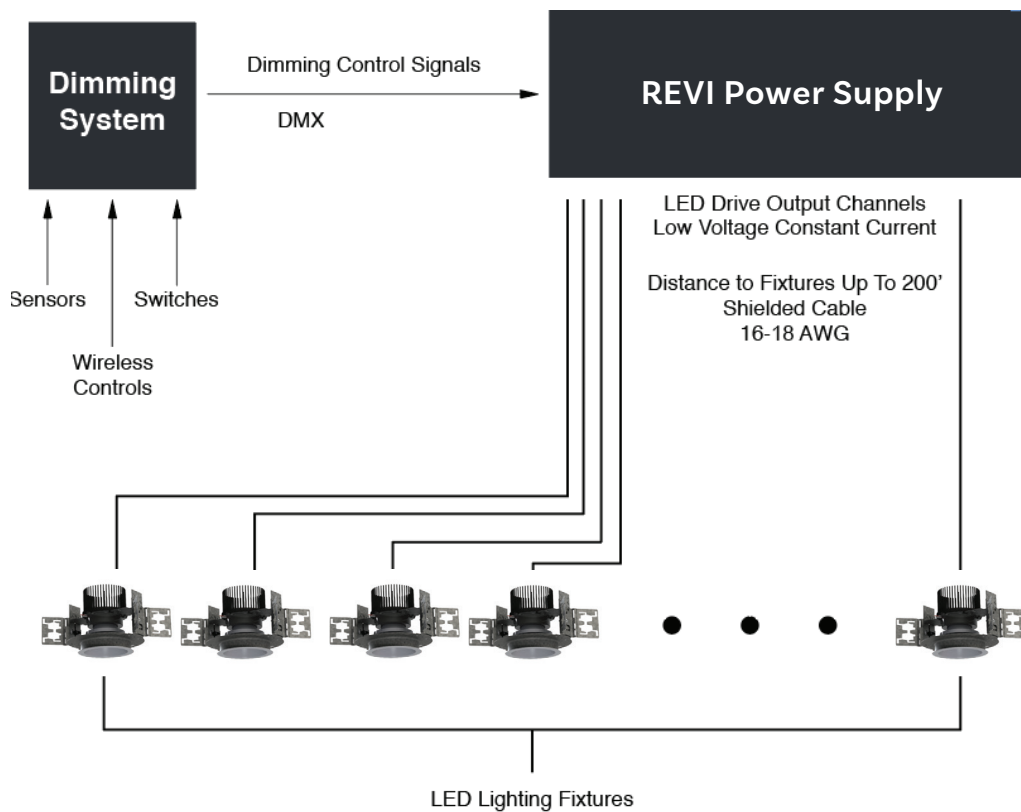
Scaling factors for other color temperatures: 2700K = 0.92; 3000K = 0.97; 4000K = 1.01; 5000K=1.04

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Scaling factor for 95+ CRI = 0.68

*Can be driven with REVI-Drive-12-250W - Only 9 fixtures total (3 fixtures per bank of 4 channel outputs)

Typical Layout for Low Voltage LED Lighting Fixtures with Remote Driver Platform



OPTIONS AND ACCESSORIES

REFLECTOR FINISHES



Clear
Soft Specular "SCL"



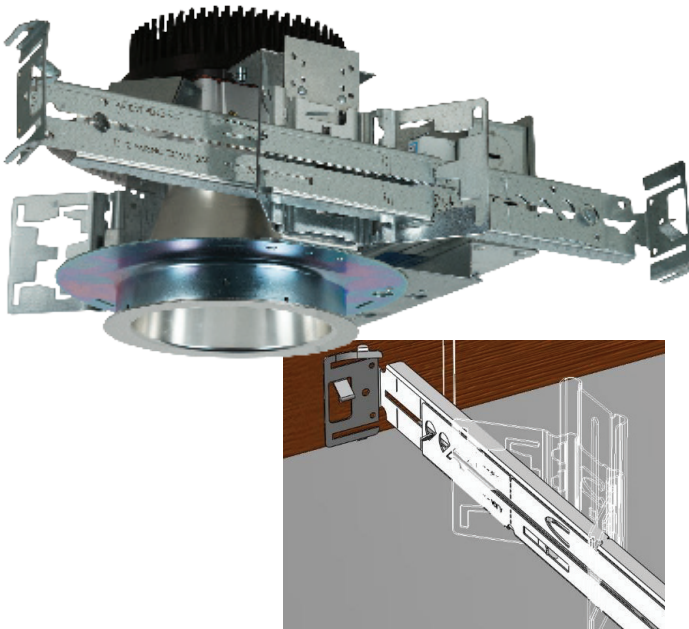
Haze
Diffused "HAZ"

Our standard reflector finish is soft Haze Diffused (HAZ) with a polished self-flange (PF). These are offered in both a soft specular and a diffused/matte finish. Specified suffix of desired finish.

Example: 4VLEDSCLPF

For white painted flange omit PF.

STANDARD HANGER BARS



Interlocking L-Bar hanger bars are now standard with this lighting fixture. Installer friendly features include:

- L-Bars are fabricated from identical L-shaped cross sections that form a sturdy 1/2" by 1-1/2" C-channel profile for superior rigidity.
- Pre-marked with spacing locations for 24" T-bar; 16" and 24" joist ceilings (wood and metal)
- Extension locks with an easy-to-use integral twist tab. No separate fastener.
- Interlocking and expandable to 24". Can be increased to 36" or 48" with the use of additional bars. For more details, please contact your sales engineer.
- Allows for offset mounting.
- Integral and barbed nail spike for wood joist ceilings.
- Fits into the C-channel notches on our butterfly mounting bracket.