

LED 8" RECESSED ARCHITECTURAL SERIES
DLR8 SERIES



PRODUCT DESCRIPTION:

The all improved Architectural Grade LED Downlight Retrofit Series is supplied with a quick connector and a conduit whip and fitter to make an easy connection to an existing recessed fixture frame junction box.

FEATURES:

- Universal Voltage 120-277V
- Mounts into existing recessed frame
- Optional retaining clips if existing frame does not have adequate friction springs to secure reflector
- min 80 CRI
- min 90% Power Factor
- A wide variety of CCTs available 3000K and 4000K come standard: 2700K 3500K and 5000K by order
- Ten Year Warranty
- Compatible with TRIAC (forward-phase or leading-edge) / ELV (reverse-phase or trailing-edge) 120V only and 0-10 V dimmers (DLR850 model is only 0-10V)
- Flood beam standard. Spot beam by special order.
- L70 100khrs

CONSTRUCTION:

- Supplied with heave gauge anodized aluminum reflector in a haze finish
- Reflectors have extended trims to conceal imperfections in drywall openings
- Extruded aluminum heatsinks for best thermal performance
- External driver for easy retrofit and maintenance
- Long lasting LED driver for maximum performance
- LED Driver Compliant with FCC CFR Title 47 Part 15 Class B (120 Vac)/Class A (277 Vac) and EN55015 (CISPR 15) at 220/230/240 Vac

WARRANTY:

10-year standard warranty with labor allowance* (further details available at www.maxlite.com/warranties)
*Warranty Limitations: Product must be rated for the application per the Product Data Sheet (PDS); operated ≤ 16 hrs; in ambient of -29F to 104F.
*Up to \$25/unit; labor allowances of up to \$500/unit available for purchase – contact MaxLite representative for details.

MODEL SELECTION (Full list of order codes on pg. 3)		Typical order example: DLR81530	
DLR	8		
FAMILY	SIZE	LUMEN PACKAGE	CCT
DLR= Downlight Retrofit	8= 8"	10= 10 15= 15 20= 20 30= 30 50= 50	30= 3000K 40= 4000K

COMPATIBLE DIMMERS:

	BRAND	MODEL	DIMMING	NOTE
Triac (120V)	Lutron	DCVL-153P*	3 to 100%	*Pop on is a situation that arises when the lights cannot be turned on immediately to their minimum level.
		DV-600P*	8 to 100%	
		TGCL-153P	7 to 100%	
		S-600P*	3 to 100%	
		LG-600P*	9 to 100%	
	Leviton	6631-2*	1 to 100%	
		6683-1W*	8 to 100%	
		6633-P*	2 to 100%	
	Cooper	DLC03P	3 to 100%	
		SLL03P	2 to 100%	
DAL06P		2 to 100%		

	BRAND	MODEL	DIMMING	NOTE
0-10V	Lutron DIVA	DVTV	10-100%	with On/Off function
	Lutron NOVA	NVTV		
	Lutron NOVAT	NTFTV W/PP20		
	Leviton RENOIR II	AWRMG-7XX		
		AWSMG-7XX		
		AWSMT-7XX		
	Leviton	IP710-LFZ/DLX		

SPECIFICATIONS:

ITEM	SPECIFICATION	DLR81030	DLR81040	DLR81530	DLR81540	DLR82030	DLR82040	DLR83030	DLR83040	DLR85030	DLR85040
		DETAILS									
GENERAL PERFORMANCE	Power Consumption (W)	11.1	12.8	20.0	19.9	29.4	29.2	38.5	38.2	64.2	64.1
	Lumens Delivered (lm)	1,210	1,220	1,910	1,990	2,550	2,740	3,240	3,470	5,530	5,880
	Efficacy (lm/W)	109	95	96	100	87	94	84	91	86	92
	Color Temperature	3000, 4000 (Additional CCT available, contact MaxLite for info.)									
	L70 Lifetime (hours)	100,000									
	Color Consistency	Proprietary binning for uniform color									
	CRI	Minimum 80									
ELECTRICAL	Compatible Dimmers	Refer to list of approved dimmers TRIAC AND 0-10V								0-10V Only	
	Power Factor	> 90%									
	Input Voltage	120-277V									
	Mounting	Mounts into existing recessed frame									
	Operating Temperature	-4° to 113°F									
	Humidity	20% - 85% RH, non-condensing									
CERTIFICATION	Certification	cULus, Engery Star, FCC									
	Material Usage	RoHS compliant; no mercury									
	Environment	Damp									
	Warranty	10 year warranty*									

Preliminary Data until LM79 is available

ORDERING*:

ORDER CODE	MODEL	DESCRIPTION	CCT
75905	DLR81030	8" Architectural Downlight, 1000 Lumens	3000K
75915	DLR81040	8" Architectural Downlight, 1000 Lumens	4000K
75930	DLR81530	8" Architectural Downlight, 1500 Lumens	3000K
75940	DLR81540	8" Architectural Downlight, 1500 Lumens	4000K
75955	DLR82030	8" Architectural Downlight, 2000 Lumens	3000K
75965	DLR82040	8" Architectural Downlight, 2000 Lumens	4000K
75980	DLR83030	8" Architectural Downlight, 3000 Lumens	3000K
75990	DLR83040	8" Architectural Downlight, 3000 Lumens	4000K
76005	DLR85030	8" Architectural Downlight, 5000 Lumens	3000K
76015	DLR85040	8" Architectural Downlight, 5000 Lumens	4000K

*Please contact your MaxLite representative to order products that don't have order codes listed here.

LUMEN MULTIPLIER	
2700K	1.000
3000K	1.047
3500K	1.073
4000K	1.097
5000K	1.118

BASELINE VALUES AND REPLACEMENTS		
DLR81027	975	26W CFL
DLR81527	1650	32W CFL
DLR82027	2200	(2) 26W CFL
DLR83027	2943	(2) 32W CFL
DLR85027	5090	175W HID MH

LINE DRAWING DIMENSION:

