

Architectural Recessed Downlight Retrofits

February 26, 2016





TODAY'S AGENDA

- MaxLite Downlights DLR Series
- Features / Construction
- Installation
- Lighting Layouts / LM79 Reports
- ROI





MAXLITE'S LED DOWNLIGHTS



LED Recessed Downlight Retrofits

The LED Recessed Downlight Retrofits are replacements for existing, less efficient incandescent and compact fluorescent (CFL) light sources commonly used in the recessed downlighting marketplace. ENERGY STAR®-qualified models are available.



LED Recessed Downlight Fixtures

The LED Recessed Downlight Fixtures are designed for new construction and remodel recessed projects.



LED Commercial Recessed Downlight Retrofits

The commercial-grade LED Recessed Downlight Retrofits are ideal for retrofitting inefficient fixtures in malls, hospitals, airports, offices, lobbies and other commercial applications. ENERGY STAR®-qualified models are available.



LED Commercial Recessed Downlight Fixtures

Offered in a variety of aperture sizes, color temperatures and wattages, MaxLite's ENERGY STAR-certified LED Commercial Recessed Downlights are an easy-to-install, high-performance lighting solution.



LED Faux Cans

ENERGY STAR-certified LED Faux Cans accomplish the task of recessed downlighting without the time and expense of working with drywall.



LED Architectural Downlight Fixtures

MaxLite's Energy Star qualified Architectural Downlight Fixtures are offered in 4, 6 and 8' aperture sizes, work with a wide variety of ceiling systems and can be vertically adjusted up to 5 inches.



ECO Series-Commercial Recessed Retrofit Downlight

The ENERGY STAR certified ECO Series LED Recessed Retrofit Downlight commes low up-front cost, minimal labor, best-in-dass energy efficiency and architectural-quality light to deliver an exceptional value for customers.



Architectural Recessed Downlight Retrofits

LED Architectural Recessed Downlight
Retrofits are ideal for replacing less efficient
lighting in locations requiring superior optical
performance, such as hospitality, health
care, lobbies, offices, education and retail.

DOWNLIGHTS:



Architectural Recessed Downlight Retrofits



Validations & Accolades:









Overview:

LED Architectural Recessed Downlight Retrofits are ideal for replacing less efficient lighting in locations requiring superior optical performance, such as hospitality, health care, lobbies, offices, education and retail. The ENERGY STAR certified retrofits mount easily into existing recessed frames and connect to a standard junction box using the supplied quick connector and conduit whip for instant energy savings.

Choose from multiple lumen packages, color temperatures and custom options to create long-lasting, high quality illumination for any application.







The high lumen output and long life of the product make the DLR Series an ideal solution for high ceiling settings where maintenance can be expensive and labor intensive.





ARCHITECTURAL RECESSED DOWNLIGHT RETROFITS

Available in a full range of reflector sizes, lumen packages and color temperatures, the ENERGY STAR certified DLR Series is designed for applications that require superior optical performance and scalability, such as hospitality, health care, office, education and retail. The retrofits are available in 4", 6", 8" and 9" configurations, with outputs ranging from 1,000-5,000 lumens to suit a variety of general and accent downlighting needs.









6" DLR Downlight



8" DLR Downlight



9" DLR Downlight

DOWNLIGHTS:



ARCHITECTURAL RECESSED DOWNLIGHT RETROFITS

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
- Seven Years Limited Warranty
- Compatible with TRIAC (forward-phase or leading-edge) / ELV (reverse-phase or trailing-edge)
 120V only and 0-10 V dimmers (DLR850 and DLR950 0-10V only)
- Flood beam standard. Spot beam by special order.
- L70 100khrs



"MaxLite introduces the DLR Series of Architectural Recessed Downlight Retrofits as a simple, cost-effective way to upgrade commercial interiors to more efficient lighting."

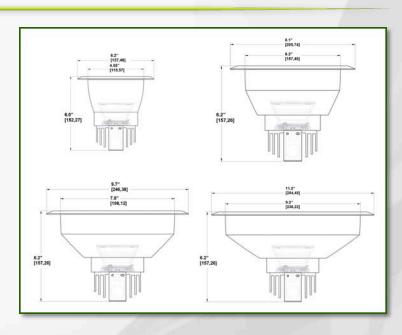


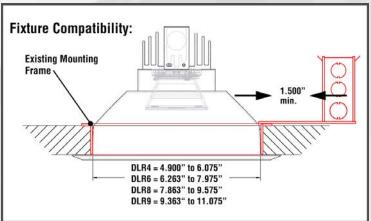
ARCHITECTURAL RECESSED DOWNLIGHT RETROFITS

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











DLR SERIES – AN EASY RETROFIT INSTALLATION

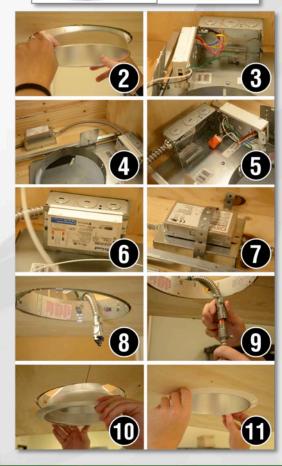
INSTALLATION MANUAL:

 Installation manual is available to help make it an easy retrofit when upgrading from traditional fluorescent fixtures.





Example of existing fluorescent fixture before retrofit.





LED 4" RECESSED ARCHITECTURAL SERIES:





PROJECT NAME:	CATALOG NUMBER:	
NOTES:	FIXTURE SCHEDULE:	

 Universal Voltage 120-277V · Mounts into existing recessed frame

· Seven Years Limited Warranty

FEATURES:

· min 80 CRI · min 90% Power Factor Page: 1 of 3

LED 4" RECESSED ARCHITECTURAL SERIES

DLR4 SERIES













CONSTRUCTION:

. Supplied with heave gauge anodized aluminum reflector in a haze finish

· Optional retaining clips if existing frame does not have

. A wide variety of CCTs available 3000K and 4000K come standard: 2700K, 3500K and 5000K by order

 Compatible with TRIAC (forward-phase or leading-edge) / ELV (reverse-phase or trailing-edge) 120V only and 0-10 V

adequate friction springs to secure reflector

- · Reflectors have extended trims to conceal imperfections in drywall openings
- · Extruded aluminum heatsinks for best thermal
- · 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

PHOTOMETRIC: ALL IES FILES AVAILABLE ONLINE. PLEASE SEE PAGE 4 FOR POLAR CANDELA LAYOUTS

PRODUCT DESCRIPTION:

6.0° [152,27]

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.

MODEL SELECTION (Full list of order co	des on pg. 2)	Typical order exam	nple: DLR41530		
DLR	4				
FAMILY	SIZE	REFLECTOR COLOR	LUMEN PACKAGE	сст	OPTION
DLR= Downlight Retrofit	4= 4"	(OMIT)= None	10= 10 15= 15 20= 20	30= 3000K 40= 4000K	(OMIT)= None

COMPATIBLE DIMMERS:

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

	BRAND	MODEL	DIMMING
	Lutron DIVA	DVTV	
	Lutron NOVA	NVTV	1
	Lutron NOVAT	NTFTV W/PP20	1
0-10V		AWRMG-7XX	10-100%
	Leviton RENOIR II	AWSMG-7XX	1
		AWSMT-7XX	1
	Leviton	IP710-LFZ/DLX	





LED 4" RECESSED ARCHITECTURAL SERIES

DLR4 SERIES

Page: 2 of 3

PECIFICATION	NS:	DLR41030	DLR41040	DLR41530	DLR41540	DLR42030	DLR4204	
ITEM	SPECIFICATION	DET	AILS	DET	AILS	DET	AILS	
	Power Consumption (W)	11.6	11	20.4	20	29.7	28	
	Lumens Delivered (Im)	1,134	1,100	1,841	1,800	2,362	2,300	
	Efficacy (lm/W)	98	100	90	90	80	82	
GENERAL PERFORMANCE	Color Temperature	3000, 4000 (Additional CCT available, contact MaxLite for info.)						
Alexander (marie et al.)	L70 Lifetime (hours)			100,000 Proprietary binning for uniform color				
	Color Consistency							
	CRI	Minimum 80						
	Power Factor	> 90%						
ELECTRICAL	Input Voltage	120-277V						
	Compatible Dimmers	Refer to list of approved dimmers						
	Mounting			Mounts into existi	ng recessed frame	recessed frame		
	Operating Temperature	2		-4° to	113°F			
	Humidity			20% - 85% RH,	non-condensing			
	Certification	cULus, Energy Star, FCC						
CERTIFICATION	Material Usage			RoHS complia	int; no mercury			
CERTIFICATION	Environment			Da	mp			
	Warranty			Seven Years L	mited Warranty			

Preliminary Data until LM79 is available

ORDERING*:

ORDER CODE	MODEL	DESCRIPTION	ССТ
76410	DLR41030	4" Architectural Downlight, 1000 Lumens	3000K
75515	DLR41040	4" Architectural Downlight, 1000 Lumens	4000K
75530	DLR41530	4" Architectural Downlight, 1500 Lumens	3000K
75540	DLR41540	4° Architectural Downlight, 1500 Lumens	4000K
75555	DLR42030	4" Architectural Downlight, 2000 Lumens	3000K
75565	DLR42040	4" Architectural Downlight, 2000 Lumens	4000K

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

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

BASELINE VALUES AND REPLACEMENTS					
DLR41027	975	26W CFL			
DLR41527	1650	32W CFL			
DLR42027	2200	(2) 26W CFL			

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LED 6" RECESSED ARCHITECTURAL SERIES:





PROJECT NAME:	CATALOG NUMBER:	
NOTES:	FIXTURE SCHEDULE:	

Page: 1 of 3

LED 6" RECESSED ARCHITECTURAL SERIES





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
- · Seven Years Limited Warranty
- Compatible with TRIAC (forward-phase or leading-edge) / ELV (reverse-phase or trailing-edge) 120V only and 0-10 V
- . 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

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.

DLR	6				
FAMILY	SIZE	REFLECTOR COLOR	LUMEN PACKAGE	сст	OPTION
DLR= Downlight Retrofit	6= 6°	(OMIT)= None	10= 10 15= 15 20= 20 30= 30	30= 3000K 40= 4000K	(OMIT)= None

COMPATIBLE DIMMERS:

	BRAND	MODEL	DIMMING	NOTE
		DCVL-153P*	3 to 100%	
Triac (120V)	1 1	DV-600P*	8 to 100%	
	Lutron	TGCL-153P	7 to 100%	"Pop on is a situation that arises when the lights cannot be turned on immediately to their minimum level.
		S-600P*	3 to 100%	
		LG-600P*	9 to 100%	
		6631-2"	1 to 100%	
	Leviton	6683-1W*	8 to 100%	
		6633-P*	2 to 100%	
		DLC03P	3 to 100%	
	Cooper	SLL03P	2 to 100%	
	10.000/7.000	DALOSP	2 to 100%	

Lutron DIVA	DVTV		
Lutron NOVA	NVTV		
Lutron NOVAT	NTFTV W/PP20	10-100%	with On/Off function
Leviton BENOIR II	AWRMG-7XX		
	AWSMG-7XX		
	AWSMT-7XX		
Leviton	IP710-LFZ/DLX		
	Lutron NOVA Lutron NOVAT Leviton RENOIR II	Lutron NOVA NVTV Lutron NOVAT NTFTV W/PP20 AWRIMG-7XX Leviton RENOIR II AWSMG-7XX AWSMT-7XX	Lutron NOVA NVTV

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LED 6" RECESSED ARCHITECTURAL SERIES

DLR61030 DLR61040 DLR61530 DLR61540 DLR62030 DLR62040 DLR63030 DLR63040

Page: 2 of 3

SPECIFICATIONS:

		DEMOTOGO	DEMOTORO	DEMOTOR	DEHOTO40	DENOZOGO	DEHOZOTO	DETTOOOSO	DETTOOO
ITEM	SPECIFICATION	DET	AILS	DET	AILS	DET	AILS	DET	AILS
	Power Consumption (W)	11.2	11	20.3	20.2	29.2	29.6	38	38
	Lumens Delivered (Im)	1,165	1,100	1,838	1,934	2,451	2,545	3,100	3,200
	Efficacy (Im/W)	104	100	91	96	84	86	82	84
GENERAL PERFORMANCE	Color Temperature		30	00, 4000 (Addi	tional CCT ava	allable, contact	MaxLite for in	fo.)	
L70 Lifetime (hours)			100	,000					
	Color Consistency	Proprietary binning for uniform color							
	CRI	Minimum 80							
ELECTRICAL	Power Factor	> 90%							
	Input Voltage	120-277V							
	Compatible Dimmers	Refer to list of approved dimmers							
1	Mounting	Mounts into existing recessed frame							
	Operating Temperature	-4º to 113°F							
	Humidity			21	0% - 85% RH,	non-condensir	ng		
	Certification	cULus, Energy Star, FCC							
	Material Usage				RoHS complia	nt; no mercury			
CERTIFICATION	Environment				Da	mp			
	Warranty				Seven Years Li	mited Warranty	y		

Preliminary Data until LM79 is available

ORDERING*:

ORDER CODE MODEL		DESCRIPTION	CCT	
75655	DLR61030	6" Architectural Downlight, 1000 Lumens	3000K	
75665	DLR61040	6" Architectural Downlight, 1000 Lumens	4000K	
75680	DLR61530	6" Architectural Downlight, 1500 Lumens	3000K	
75690	DLR61540	6" Architectural Downlight, 1500 Lumens	4000K	
75705	DLR62030	6" Architectural Downlight, 2000 Lumens	3000K	
75715	DLR62040	6" Architectural Downlight, 2000 Lumens	4000K	
75730	DLR63030	6" Architectural Downlight, 3000 Lumens	3000K	
75740	DLR63040	6* Architectural Downlight, 3000 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			

DLR61027	975	26W CFL
DLR61527	1650	32W CFL
DLR62027	2200	(2) 26W CFL
DLR63027	2943	(2) 32W CFL

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LED 8" RECESSED ARCHITECTURAL SERIES:





PROJECT NAME:	CATALOG NUMBER:	<u> </u>
NOTES:	FIXTURE SCHEDULE:	

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LED 8" RECESSED ARCHITECTURAL SERIES

DLR8 SERIES





- 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 90% Power Factor

FEATURES:

- . A wide variety of CCTs available 3000K and 4000K come
- standard: 2700K 3500K and 5000K by order
- · Seven Years Limited 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

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.

DLR	8				
FAMILY	SIZE	REFLECTOR COLOR	LUMEN PACKAGE	сст	OPTION
DLR= Downlight Retrofit	8= 8"	(OMIT)= None	10= 10 15= 15 20= 20 30= 30 50= 50	30= 3000K 40= 4000K	(OMIT)= None

COMPATIBLE DIMMERS:

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

	BRAND	MODEL	DIMMING	NOTE		
	Lutron DIVA	DVTV	I.			
	Lutron NOVA	NVTV				
	Lutron NOVAT	NTFTV W/PP20		with On/Off function		
0-10V	Leviton RENOIR II	AWRMG-7XX	10-100%			
		AWSMG-7XX				
	110000	AWSMT-7XX	1			
	Leviton	IP710-LFZ/DLX				

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LED 8" RECESSED ARCHITECTURAL SERIES

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SPECIFICATIONS:

		DLN01030	DLH81040	DFH91230	DLH81540	DLH82030	DLM82040	DEHBJUJU	DEH83040	DLH85030	DEHBOOK
ITEM	SPECIFICATION					DET	AILS				
	Power Consumption (W)	11.1	12.8	20	19.9	29.4	29.2	38	38	60	60
	Lumens Delivered (im)	1,216	1,223	1,915	1,991	2,552	2,741	3,200	3,300	5,100	5,200
	Efficacy (Im/W)	110	96	96	100	87	94	84	87	85	87
GENERAL PERFORMANCE	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									
	Compatible Dimmera	Refer to list of approved dimmers TRIAC AND 0-10V 0-10V Only							Only.		
ELECTRICAL	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									
1	Certification	cULus, Engery Star, FCC									
	Material Usage				R	oHS complia	nt; no mercu	ry			
CERTIFICATION	Environment					Da	mp				
	Warranty				Se	wen Years Li	mited Warrar	nty			

DLR83030 DLR83040 DLR85030 DLR85040

Preliminary Data until LM79 is available

SPECIFICATIONS:

		DEFIOOOO	DEITOGOTO	DEMOSOGO	DEHOOOTO		
ITEM	SPECIFICATION	DET	AILS	DET	AILS		
	Power Consumption (W)	38	38	60	60		
	Lumens Delivered (im)	3081	3228	5329	5584		
	SPECIFICATION DETAILS	85	89	93			
GENERAL PERFORMANCE	Color Temperature	3000K	3000K 4000K 3000K 100,000 Minimum 80 Proprietary binning for uniform color	4000K			
	L70 Lifetime (hours)		100,000				
	Color Consistency	Minimum 80					
	CRI		Proprietary binnin	g for uniform color			
100	Compatible Dimmers	Refer to	Refer to list of approved dimmers TRIAC AND 0-10V				
ELECTRICAL	Power Factor	> 90%					
	Input Voltage		120-	60 5329 89 3000K 000 um 80 g for uniform color mmers TRIAC AN 0% 2277V D g recessed frame 133°F non-condensing ding nt, no mercury			
	Weight	Section Sect	TE	TBD			
DI D	Mounting		ng recessed frame	g recessed frame			
PHYSICAL	Operating Temperature		-4° to	60 5329 89 3000K 000 urn 80 g for uniform color mmers TRIAC AN 0% 2777V ID rg recessed frame 133"F non-condensing ding nt, no mercury			
	Humidity		20% - 85% RH,				
	Certification	Pending					
OF DEVICE A TION	Material Usage	### (m) 3081 3228 5329 ### 81 ### 85 ### 89 ### 8000K 4000K 3000K 3000K ### 100,000 ### 100,000 ### 100,000 ### Proprietary binning for uniform color ### 120-277V ### 120-277V ### TBD ### Mounts into existing recessed frame ### 147 to 133°F ### 20% - 85% RM, non-condensing ### Pending ### RotS compliant; no mercury					
CERTIFICATION	Environment	1	Da	60 5329 89 3000K 0000 um 80 jor uniform color 0% 277V D g recessed frame 133°F non-condensing ining nt, no mercury			
	Warranty	0	Savan Vanre Li	inited Mercents			

Preliminary Data until LM79 is available

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LED 9" RECESSED ARCHITECTURAL SERIES:





PROJECT NAME:	CATALOG NUMBER:	
NOTES:	FIXTURE SCHEDULE:	

Universal Voltage 120-277V

· Mounts into existing recessed frame

adequate friction springs to secure reflector

. A wide variety of CCTs available 3000K and 4000K come standard: 2700K 3500K and 5000K by order

/ ELV (reverse-phase or trailing-edge) 120V only and 0-10 V

FEATURES:

· min 80 CRI min 90% Power Factor Page: 1 of 3

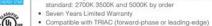
LED 9" RECESSED ARCHITECTURAL SERIES

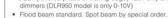
DLR9 SERIES











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

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.

MODEL SELECTION (Full list of order co	des on pg. 2)	Typical order exam	ple: DLR91530		-
DLR	9				
FAMILY	SIZE	REFLECTOR COLOR	LUMEN PACKAGE	сст	OPTION
DLR= Downlight Retrofit	9= 9°	(OMIT)= None	10= 10 15= 15 20= 20 30= 30 50= 50	30= 3000K 40= 4000K	(OMIT)= None

COMPATIBLE DIMMERS:

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

	BRAND	MODEL	DIMMING	NOTE		
0-10V	Lutron DIVA	DVTV				
	Lutron NOVA	n NOVA NVTV				
	Lutron NOVAT	NTFTV W/PP20		with On/Off function		
		AWRMG-7XX	10-100%			
	Leviton RENOIR II	AWSMG-7XX				
	3533510.0	AWSMT-7XX				
	Leviton	IP710-LFZ/DLX				

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LED 9" RECESSED ARCHITECTURAL SERIES

Page: 2 of 3

PECIFICATION	ONS:	DLR 91030	DLR 91040	DLR 91530	DLR 91540	DLR 92030	DLR 92040	DLR 93030	DLR 93040	DLR 95030	DLR 95040
ITEM	SPECIFICATION	DET	AILS	DET	AILS	DET	AILS	DETAILS		DETAILS	
GENERAL PERFORMANCE	Power Consumption (W)	11.1	11	20.3	20.1	29.8	29.2	38	38	60	60
	Lumens Delivered (Im)	1,183	1,254	1,866	1,948	2,546	2,580	3,200	3,300	5,100	5,200
	Efficacy (Im/W)	107	114	92	97	85	88	84	87	85	87
	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									
	Compatible Dimmers	Refer to list of approved dimmers TRIAC AND 0-10V 0-10V ONLY									
ELECTRICAL	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, Energy Star, FCC									
	Material Usage	RoHS compliant; no mercury									
	Environment	Damp									
	Warranty	Seven Years Limited Warranty									

Preliminary Data until LM79 is available

ORDERING*:

ORDER CODE	MODEL	DESCRIPTION	CCT
76155	DLR91030	9° Architectural Downlight, 1000 Lumens	3000K
76165	DLR91040	9" Architectural Downlight, 1000 Lumens	4000K
76180	DLR91530	9" Architectural Downlight, 1500 Lumens	3000K
76190	DLR91540	9° Architectural Downlight, 1500 Lumens	4000K
76205	DLR92030	9" Architectural Downlight, 2000 Lumens	3000K
76215	DLR92040	9" Architectural Downlight, 2000 Lumens	4000K
76230	DLR93030	9° Architectural Downlight, 3000 Lumens	3000K
76240	DLR93040	9° Architectural Downlight, 3000 Lumens	4000K
76255	DLR95030	9" Architectural Downlight, 5000 Lumens	3000K
76265	DLR95040	9* 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		

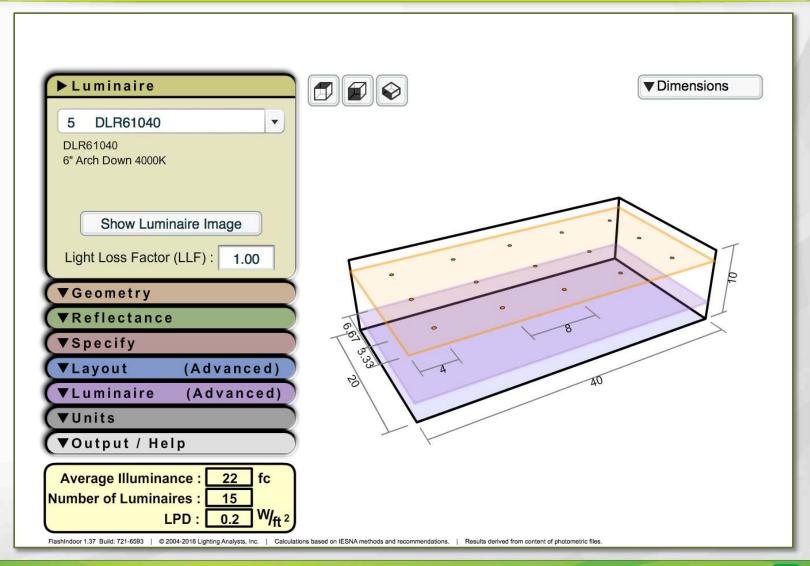
DLR91027	975	26W CFL
DLR91527	1650	32W CFL
DLR92027	2200	(2) 26W CFL
DLR93027	2943	(2) 32W CFL
DLR95027	5090	175W HID MH

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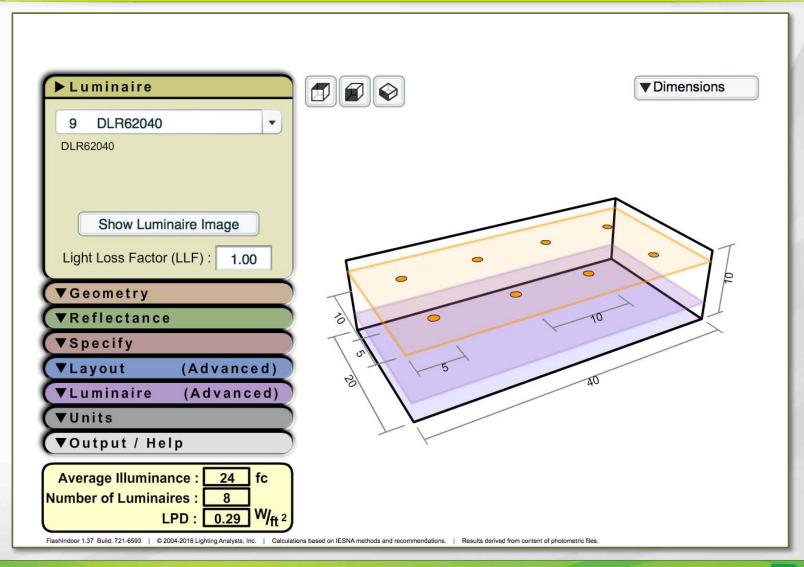
6" DLR61040 - LIGHTING LAYOUT







6" DLR62040 - LIGHTING LAYOUT





ROI:



DLR SERIES ROI CALCULATIONS

Factors	Existing	MaxLite	Factors	Existing	MaxLite	
Type * Indoor Fixture		re 🗘	Type *	Indoor Fixtu	door Fixture	
	Halogen	Recessed Retrofits & [Halogen	Recessed Retrofits & [
Wattage *	64.0 W	10.5 W	Wattage *	64.0 W	20.0 W	
Custom Wattage	64.0		Custom Wattage	64.0		
Product •	6" Halogen Can	DLR61040 •	Product •	6" Halogen Can	DLR62040 ©	
Lamp/Fixture Price •	20.00	100.00	Lamp/Fixture Price •	20.00	100.00	
Rebate on Lamp/Fixture		0.00	Rebate on Lamp/Fixture		0.00	
Number of Lamps/Fixtures *	15	15	Number of Lamps/Fixtures •	15	8	
Electricity Cost Per kWh *	0.	15	Electricity Cost Per kWh •	0	.15	
Days of Runtime Per Year *	31	65	Days of Runtime Per Year *	3	65	
Hours of Runtime Per Day *	1	2	Hours of Runtime Per Day *		12	
Dimming Level Percentage	Dimming Pe	ercentage 😊	Dimming Level Percentage	Dimming P	ercentage 😊	
Lamp/Fixture Lifetime (hrs) *	10,000	100,000	Lamp/Fixture Lifetime (hrs) •	10,000	100,000	
		Calculate			Calculate	
*Denotes required field ***Assumes new construction, if completing a retrofit calculation, plea	se change the cost of the existing lam	p/fixture to \$0	*Denotes required field **Assumes new construction, if completing a retrofit calculation, p	please change the cost of the existing lan	np/fixture to \$0	
Time Until Payback		1.631 years	Time Until Payback		0.538 years	
Total Energy Savings Over the Life of the M	MaxLite Lamp/Fixture	28,084 kWh	Total Energy Savings Over the Life of the MaxLite Lamp/Fixture 40,016 kW			
Total Savings Over the Life of the MaxLite	Lamp/Fixture	\$ 5,164.70	Total Savings Over the Life of the MaxLi	te Lamp/Fixture	\$ 7,668.98	

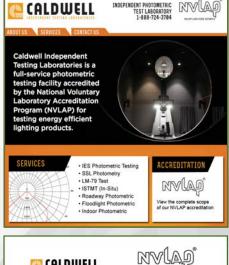


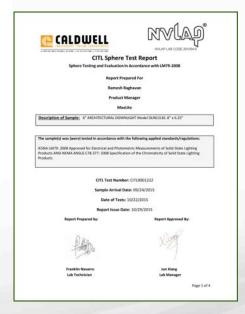


CALDWELL LABS TEST REPORTS

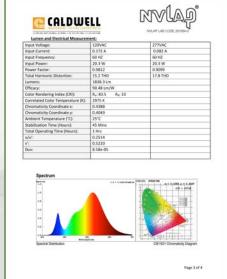
NVLAP accredited LM79 photometric testing reports for the DLR series are available for download at:

http://www.maxlite.com/products/architectural-recessed-downlight-retrofits













MAXLITE UNIVERSITY:

representatives, customers

and employees with a

complete understanding of

lighting technologies and the MaxLite product line.



MAXLITE LIGHTING & TECHNOLOGY UNIVERSITY



fundamentals, ranging from beginner to advanced learning. All courses have been updated to include LED lighting education

Whether you're a complete lighting novice or continuing your professional development, you are eligible to earn a certificate in our free online degree program. The courses are self-paced, but most lesson units can be completed in 30 minutes to an hour. You will receive a certificate upon completion of the program

MaxLite University courses are currently eligible for the following continuing education units from the American Lighting Association:

MaxLite University has been updated for 2016! All three courses now include information on LED technology, fixtures, lamps, ENERGY STAR and other certifications.



MaxLiteUniversity.com



REBATE SERVICES:



MAXLITE'S UTILITY REBATE SERVICES

MaxLite makes it easy to find and complete rebates for you and your customers!

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- Utility Rebate Flyers
- Custom Rebate Calculator
- DLC / ENERGY STAR / LDL Product Listings
- Utility Rebate Paperwork Service

Email Joe Pater at jpater@maxlite.com for more info!



THANKS FOR ATTENDING:



QUESTIONS/ANSWERS

Thank you everyone for your attention! Please feel free to use this opportunity to ask any questions you may have about MaxLite or the products shown in this presentation.

FOR MORE INFORMATION ABOUT OTHER MAXLITE PRODUCTS, OR FOR LIGHTING QUESTIONS IN GENERAL; PLEASE CONTACT:

info@maxlite.com http://www.maxlite.com 1-800-555-5629

