



WELCOME

NEW LED TROFFER RETROFIT, NEXT GEN LIGHTBARS & LED DOWNLIGHTS

8/27/15 Webinar



MAXLITE PRESENTS: NEW LED TROFFER RETROFIT, LIGHTBARS & DOWNLIGHTS

Topics:

- LED Lensed Retrofit Kit
- LED Plug-and-Play Lightbars
- LED Recessed Architectural Downlights
- MaxLite Services
- Q&A



MAXLITE PRESENTS: NEW LED TROFFER RETROFIT, NEXT GEN LIGHTBARS & LED DOWNLIGHTS

MaxLite's Lensed Retrofit Kit offers an economical solution to upgrade troffers to LED in just 10 minutes! Next generation LED lightbars are even better, plus, we're introducing an exciting new line of recessed architectural downlights.

Join us on Thursday 8/27 at 12pm EST to learn more about how these products can improve your next project!



JOIN US TO LEARN MORE!



Thurs, August 27 at 12pm EST

To register click the "REGISTER NOW" button below

REGISTER NOW

Find us on:



LED LENSED RETROFIT KIT (LRK SERIES)

LED LENSED RETROFIT KIT

LRK SERIES



2x2'



2x4'

What is the LED Lensed Retrofit Kit?

- MaxLite's innovative Lensed retrofit kit series **offer service professionals an economical solution to safely upgrade and can be retrofitted into most existing troffers in just about 10 minutes.** The edge-lit LED light source emanates the perfect ambience into the environment.



(DLC Certification
In Progress)

LED LENSED RETROFIT KIT (LRK SERIES)



Features:

- **Quick Installation** of Lensed Retrofit Kit
- Edge-Lit LED light source hence very thin profile.
- True to Life Color Rendering **CRI of 83**
- Custom CCTs available upon request, please contact your MaxLite sales representative for quotations
- LM-80 chip yields **over 100,000 hour L70 lifetime** using TM-21 extrapolation

LED LENSED RETROFIT KIT (LRK SERIES)



Construction:

- Galvanized steel body
- Reflective white finish improves retrofit efficacy.
- Standard Dimension for 2x4 & 2x2 Retrofits.
- Fits Most of Existing 2x4 Troffer without having to remove the fixture.



LED LENSED RETROFIT KIT (LRK SERIES)



Controls:

- LRK Lensed Retrofit Kits are supplied with a **0-10v simple dimming driver Compatible with standard 0-10v dimming controls.**



0-10V Dimmer



0-10V Driver



Fixture Dims

LED LENSED RETROFIT KIT (LRK SERIES)

Specifications subject to change

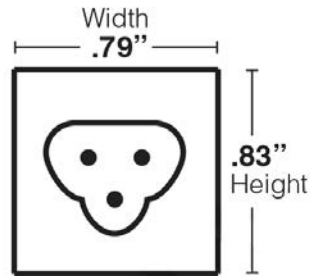
SPECIFICATIONS:		LRK22D2335	LRK22D2341	LRK22D2350	LRK24D3535	LRK24D3541	LRK24D3550
ITEM	SPECIFICATION	DETAILS					
GENERAL PERFORMANCE	Color Temperature (CCT)	3500K	4100K	5000K	3500K	4100K	5000K
	Lumens Delivered	2,000	2,200	2,380	3,200	3,450	3,770
	Efficacy	87 lm/w	95 lm/w	103 lm/w	91 lm/w	98 lm/w	107 lm/w
	Lumen Maintenance (L70)	103,000 hours					
ELECTRICAL	Power Consumption	23W			35W		
	Power Factor	> .90%					
	Input Voltage	120V-277V					
PHYSICAL	Dimensions	21.4X21.4X2.7			45.43X22.54X2.82		
	Weight	5.51 lbs			9.92 lb		
	Mounting	Lamp Brackets with keyhole			Lamp Brackets with keyhole		
	Ambient Temperature	0°-104°F					
CERTIFICATION	Certification	TBA					
	Material Usage	RoHS compliant; no mercury					
	Environment	Indoor					
	Warranty	5 year when installed in accordance with factory supplied instruction manual					

MODEL SELECTION (Typical order example: LRK24D3550)				
LRK		D		
FAMILY	SIZE	DIMMABLE	WATTAGE	CCT
LRK= LED Lensed Retrofit Kit	22= 2'x2' 24= 2'x4'	D= Dimming (0-10V)	23= 23 watts 35= 35 watts	35= 3500K 41= 4100K 50= 5000K

LED LIGHTBARS (LB SERIES)

PLUG-AND-PLAY LIGHTBARS SELF-DRIVEN & DIMMING

LB SERIES



What are the Plug-and-Play Lightbars?

- The MaxLED LED Lightbar is a **flexible lighting source that offers leading-edge efficacy that is superior to Linear Fluorescent and halogen alternatives.**
- Used in custom applications including:

COMMERCIAL	RESIDENTIAL
Sport book/gaming	Kitchen & under cabinet
General cove lighting	General cove lighting
Accent & indirect lighting	Accent & indirect lighting
Wall washing	Base cabinet toe kick
Display	



(DLC & ENERGY STAR
Certification In Progress)

LED LIGHTBARS (LB SERIES)



Features:

- Dimmable down to 5%
- Operating Temperature 0°-104° F
- Links together with connector to make long runs.
- Pressure clips and double sided tape for easy installation.
- Hardwire and plug-in configurations available.
- Suitable for damp locations.
- 120 Vac operation at 60 Hz.
- Suitable for food preparation applications.

LED LIGHTBARS (LB SERIES)



Construction:

- **Enclosure:** High quality extruded aluminum.
- **Diffuser:** Architectural-grade diffuser eliminates unsightly hot spots and ensures an even, pleasing distribution of light.
- **Driver:** Integral low voltage driver maximizes efficiency without sacrificing light output.
- **Finish:** Durable powder coated finish.

LIGHTBAR LIGHT LEVELS

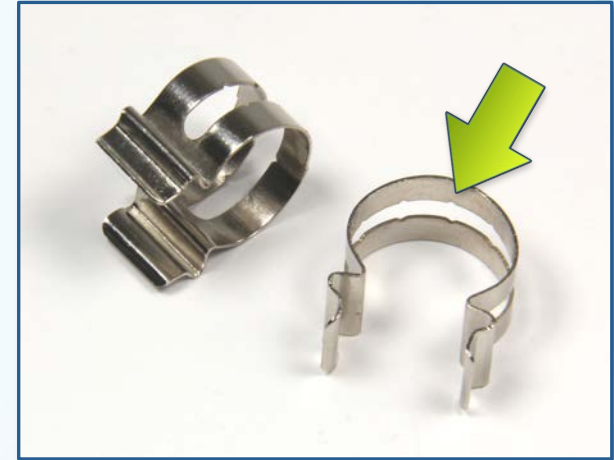
- 3W = 6" segment = 150 lumens
 - 6W = 1' segment = 370 lumens (standard model)
 - 11W = 2' segment = 650 lumens
 - 17W = 3' segment = 1050 lumens
 - 24W = 4' segment = 1380 lumens
 - 30W = 5' segment = 1840 lumens
 - 36W = 6' segment = 2200 lumens
-
- Ambient (AO) & High Output (HO) options available only in 12" models.
 - Ambient 12LBXXAO = 4.2W = 240 lumens
 - High Output 12LBXXHO = 9.5W = 570 lumens



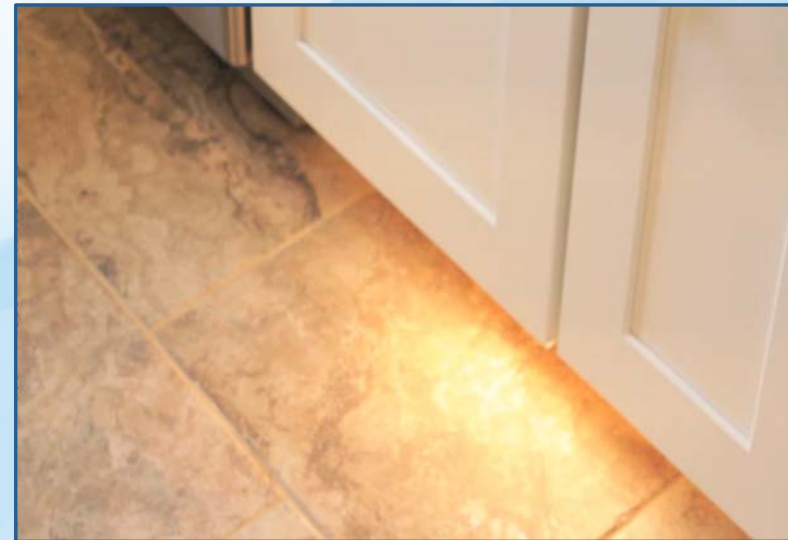
MOUNTING OPTIONS

- Double sided tape
- Quick clip mounting bracket & screws
- New adjustable quick clip mounting bracket & screws








ACCESSORIES INCLUDED	
DESCRIPTION	ACCESSORY IMAGE
4" corner joiner for continuous runs	
Bar-to-bar joiner	
Quick-clip mounting bracket and screws	
Directional mounting clips	
Alternative mounting option double-sided tape	



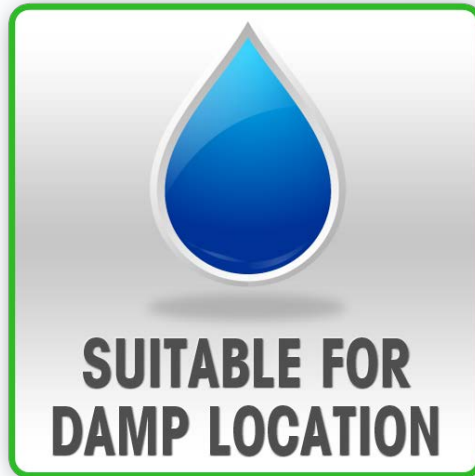
MLSDLB-CCLIP



LED LIGHTBARS (LB SERIES)

OPTIONAL ACCESSORIES			
ORDER CODE	MODEL NUMBER	DESCRIPTION	ACCESSORY IMAGE
71219	MLSDLBJL40G	Joiner lead 40"	
71225	MLSDLBLC48G	Line cord 48" w/ molded plug to demonstrate lightbars	
71221	MLSDLBJL70G	Hardwired lead 70"	
72139	MLSDLBJL12G	Joiner lead 12"	
71631	MLSDLBCONNNS	Lightbar connection - unpainted	
74085	MLSDLB-CBOX	Lightbar connection box	
74230	MLSDLB-DBOX	Lightbar distribution box with on-off switch	

ADDITIONAL CERTIFICATIONS



**DAMP
LOCATION
LISTED**



**NATIONAL
SANITATION
FOUNDATION
APPROVED**



(DLC & ENERGY STAR
Certification In Progress)

LED LIGHTBARS (LB SERIES)

Specifications subject to change

SPECIFICATIONS:		6LBXX	12LB XXAO	12LBXX	12LB XXHO	24LBXX	36LBXX	48LBXX	60LBXX	72LBXX
ITEM	SPECIFICATION	DETAILS								
GENERAL PERFORMANCE	Power Consumption (W)	2.9	4.2	6.4	9.5	10.9	17.2	23.5	29.9	36.3
	Lumens Delivered (lm)	146	244	368	567	648	1,048	1,384	1,840	2,208
	Efficacy (lm/W)	51	58	58	60	60	61	59	62	61
	CRI	98	97	97	96	97	97	97	90	90
	Color Temperature	2700K, 3500K, 5000K								
	Color Consistency	Proprietary binning for uniform color								
	L70 Lifetime (hours)	50,000								
ELECTRICAL	Power Factor	0.980								
	Input Voltage	120V								
PHYSICAL	Operating Temperature	0°-104F°								
CERTIFICATION	Certification	ETL, NSF								
	Material Usage	RoHS compliant; no mercury								
	Environment	Damp locations								
	Warranty	5 years								

MODEL SELECTION (Typical order example: 36LB27)			
LENGTH (INCHES)	FAMILY	CCT	OPTIONS
6= 6" 12= 12" 24= 24" 36= 36" 48= 48" 60= 60" 72= 72"	LB= LED LightBars	27= 2700K 35= 3500K 50= 5000K	(OMIT)= Standard * AO= Ambient * HO= High Output

*AO (Ambient) and HO (High Output) options are available only in 12" models.

RECESSED ARCHITECTURAL DOWNLIGHT RETROFITS

LED 4" RECESSED ARCHITECTURAL SERIES
DLR4 SERIES



LED 6" RECESSED ARCHITECTURAL SERIES
DLR6 SERIES



LED 8" RECESSED ARCHITECTURAL SERIES
DLR8 SERIES



LED 9" RECESSED ARCHITECTURAL SERIES
DLR9 SERIES



What are the Architectural Downlight Retrofits?

- 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.



RECESSED ARCHITECTURAL DOWNLIGHT RETROFITS

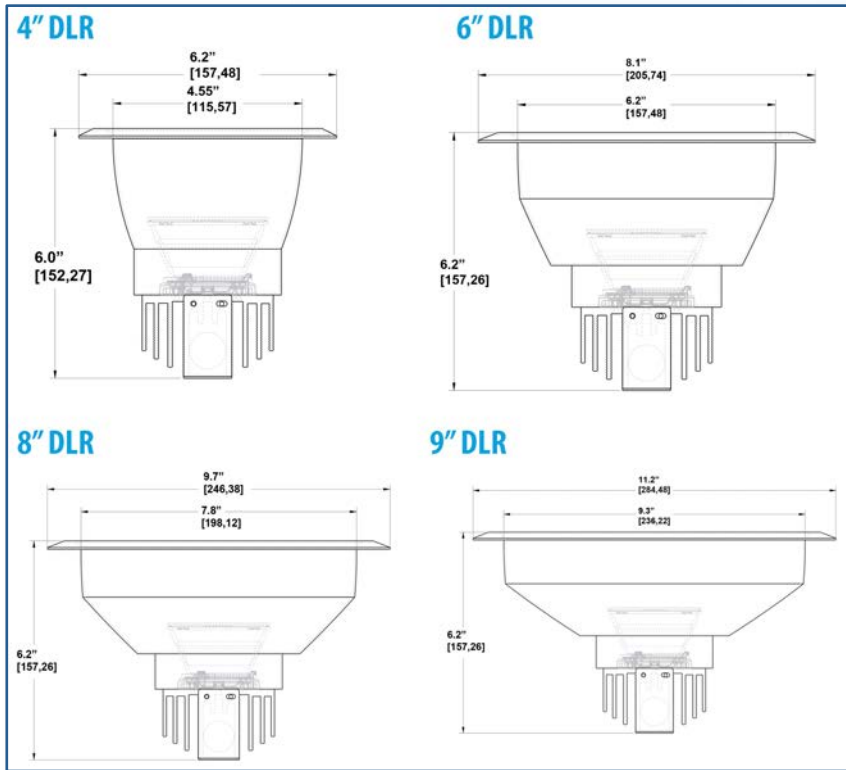


Features:

- Universal Voltage 120-277V
- Mounts into existing recessed frame
- Optional retaining clips if existing frame does not have adequate friction springs to secure reflector.
- cULus classified listing pending for damp location use.
- E* pending.
- 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.
- Flood beam standard. Spot beam by special order.
- L70 254khrs and L90 72khrs.



RECESSED ARCHITECTURAL DOWNLIGHT RETROFITS



Construction:

- Supplied with heavy 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

4" RECESSED ARCHITECTURAL DOWNLIGHT RETROFITS



PROJECT NAME: _____ CATALOG NUMBER: _____
 NOTES: _____ FIXTURE SCHEDULE: _____

Page: 1 of 3

LED 4" RECESSED ARCHITECTURAL SERIES DLR4 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
- cULus classified listing pending for damp location use
- E* pending
- 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
- Flood beam standard. Spot beam by special order.
- L70 254hrs and L90 72khrs

CONSTRUCTION:

- Supplied with heavy 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 codes on pg. 2)		Typical order example: DLR41530			
DLR	4				
FAMILY	SIZE	REFLECTOR COLOR	LUMEN PACKAGE	CCT	OPTION
DLR _n Downlight Retrofit	4 _n 4"	(OMIT) _n None	10 _n 10 15 _n 15 20 _n 20	30 _n 3000K 40 _n 4000K	(OMIT) _n None

COMPATIBLE DIMMERS:

TRIAc (120V)	BRAND	MODEL	DIMMING	NOTE	
	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%		
		DL03P	3 to 100%		
		SLL03P	2 to 100%		
Cooper	DL06P	2 to 100%			

0-10V	BRAND	MODEL	DIMMING	
	Lutron	DIVA	D/TV	
		NOVA	N/TV	
		NOVAT	N/TFV W/PP20	
	Leviton	RENOIR II	AWRMG-7XX	10-100%
			AWSMG-7XX	
			AWSMT-7XX	
			IF710-LF2/DLX	



LED 4" RECESSED ARCHITECTURAL SERIES DLR4 SERIES

Page: 2 of 3

SPECIFICATIONS:

ITEM	SPECIFICATION	DLR41030		DLR41040		DLR41530		DLR41540		DLR42030		DLR42040	
		DETAILS		DETAILS		DETAILS		DETAILS		DETAILS		DETAILS	
GENERAL PERFORMANCE	Power Consumption (W)	11	11	20	20	28	28	28	28	28	28	28	28
	Lumens Delivered (lm)	1021	1070	1728	1810	2303	2413	2303	2413	2303	2413	2303	2413
	Efficacy (lm/W)	93	97	86	91	82	86	82	86	82	86	82	86
	Color Temperature	3000K	4000K	3000K	4000K	3000K	4000K	3000K	4000K	3000K	4000K	3000K	4000K
	L70 Lifetime (hours)	254,000											
	Color Consistency	Proprietary binning for uniform color											
ELECTRICAL	CRI	Minimum 80											
	Power Factor	> 90%											
	Input Voltage	120-277V											
PHYSICAL	Compatible Dimmers	Refer to list of approved dimmers											
	Weight	TBD											
	Mounting	Mounts into existing recessed frame											
CERTIFICATION	Operating Temperature	-4" to 113°F											
	Humidity	20% - 85% RH non-condensing											
	Certification	Pending											
Warranty	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
75410	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 MULTIPLIER	Value
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	

6" RECESSED ARCHITECTURAL DOWNLIGHT RETROFITS



PROJECT NAME: _____ CATALOG NUMBER: _____
 NOTES: _____ FIXTURE SCHEDULE: _____

Page: 1 of 3

LED 6" RECESSED ARCHITECTURAL SERIES DLR6 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
- cULus classified listing pending for damp location use
- E⁺ pending
- min 90 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
- Flood beam standard. Spot beam by special order.
- L70 254khrs and L90 72khrs

CONSTRUCTION:

- Supplied with heavy 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 codes on pg. 2)		Typical order example: DLR61530			
DLR	6				
FAMILY	SIZE	REFLECTOR COLOR	LUMEN PACKAGE	CCT	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
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%	
		DAL06P	2 to 100%	

	BRAND	MODEL	DIMMING	NOTE
0-10V	Lutron	DIVA	DVTV	10-100% with On/Off function
		NOVA	NVTV	
		NOVAT	NFTV W/P20	
	Leviton	RENOR II	AWRMG-7XX	
			AWSMG-7XX	
		Leviton	IP710-LFZ/DLX	



LED 6" RECESSED ARCHITECTURAL SERIES DLR6 SERIES

Page: 2 of 3

SPECIFICATIONS:

ITEM	SPECIFICATION	DLR61030		DLR61040		DLR61530		DLR61540		DLR62030		DLR62040		DLR63030		DLR63040	
		DETAILS	DETAILS	DETAILS	DETAILS	DETAILS	DETAILS	DETAILS	DETAILS	DETAILS	DETAILS	DETAILS	DETAILS	DETAILS	DETAILS	DETAILS	DETAILS
GENERAL PERFORMANCE	Power Consumption (W)	11	11	20	20	28	28	38	38	38	38	38	38	38	38	38	38
	Lumens Delivered (lm)	1021	1070	1728	1810	2303	2413	3081	3228	3000K	4000K	3000K	4000K	3000K	4000K	3000K	4000K
	Efficacy (lm/W)	93	97	86	91	82	86	81	85								
	Color Temperature	3000K		4000K		3000K		4000K		3000K		4000K		3000K		4000K	
	L70 Lifetime (hours)	254,000															
	Color Consistency	Proprietary binning for uniform color															
ELECTRICAL	CRI	Minimum 80															
	Power Factor	> 90%															
	Input Voltage	120-277V															
PHYSICAL	Compatible Dimmers	Refer to list of approved dimmers															
	Weight	TBD															
	Mounting	Mounts into existing recessed frame															
CERTIFICATION	Operating Temperature	-4° to 113°F															
	Humidity	20% - 85% RH, non-condensing															
	Certification	Pending															
Warranty	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
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		BASELINE VALUES AND REPLACEMENTS	
2700K	1.000	DLR61027	975 26W CFL
3000K	1.047	DLR61527	1650 32W CFL
3500K	1.073	DLR62027	2200 (2) 26W CFL
4000K	1.097	DLR63027	2943 (2) 32W CFL
5000K	1.118		

8" RECESSED ARCHITECTURAL DOWNLIGHT RETROFITS



PROJECT NAME: _____ CATALOG NUMBER: _____
 NOTES: _____ FIXTURE SCHEDULE: _____

Page: 1 of 3

LED 8" RECESSED ARCHITECTURAL SERIES DLR8 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
- cULus classified listing pending for damp location use
- E* pending
- 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 0-10V dimmers (DLR850 model is only 0-10V)
- Flood beam standard. Spot beam by special order.
- L70 254khrs and L90 72khrs

CONSTRUCTION:

- Supplied with heavy 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 codes on pg. 2)		Typical order example: DLR81530			
DLR	8	REFLECTOR COLOR	LUMEN PACKAGE	CCT	OPTION
FAMILY	SIZE				
DLR _n Downlight Retrofit	8 _n 8"	(OMIT) _n None	10 _n 10 15 _n 15 20 _n 20 30 _n 30 50 _n 50	30 _n 3000K 40 _n 4000K	(OMIT) _n None

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	with On/Off function	
		NOVA	NVTV		
		NOVAT	NFTV WPP20		
	Leviton	RENOIR II	AWRMG-7XX AWSMG-7XX AWSMT-7XX		10-100%
		Leviton	IP710FZ/DLX		

Phone: 1-800-555-5629 | Fax: 973-244-7333 | Web: www.maxlite.com | E-mail: info@maxlite.com

MAX15072 Revised: 05-26-15



LED 8" RECESSED ARCHITECTURAL SERIES DLR8 SERIES

Page: 2 of 3

SPECIFICATIONS:

ITEM	SPECIFICATION	DLR81030	DLR81040	DLR81530	DLR81540	DLR82040
		DETAILS		DETAILS		DETAILS
GENERAL PERFORMANCE	Power Consumption (W)	11	11	20	20	28
	Lumens Delivered (lm)	1021	1070	1728	1810	2303
	Efficacy (lm/W)	93	97	86	91	82
	Color Temperature	3000K	4000K	3000K	4000K	3000K
	L70 Lifetime (hours)	254000				
	Color Consistency	Minimum 80				
	CRI	Proprietary binning for uniform color				
ELECTRICAL	Power Factor	> 90%				
	Input Voltage	120-277V				
PHYSICAL	Compatible Dimmers	Refer to list of approved dimmers TRIAC AND 0-10V				
	Weight	TBD				
	Mounting	Mounts into existing recessed frame				
CERTIFICATION	Operating Temperature	-4° to 133°F				
	Humidity	20% - 85% RH, non-condensing				
	Certification	Pending				
Warranty	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
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
75965	DLR82030	8" Architectural Downlight, 2000 Lumens	3000K
75965	DLR82040	8" Architectural Downlight, 2000 Lumens	4000K
75960	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		BASELINE VALUES AND REPLACEMENTS	
2700K	1.000	DLR81027	975 26W CFL
3000K	1.047	DLR81527	1650 32W CFL
3500K	1.073	DLR82027	2200 (2) 26W CFL
4000K	1.097	DLR83027	2943 (2) 32W CFL
5000K	1.118	DLR85027	5090 175W HID MH

Phone: 1-800-555-5629 | Fax: 973-244-7333 | Web: www.maxlite.com | E-mail: info@maxlite.com

MAX15072 Revised: 05-26-15



9" RECESSED ARCHITECTURAL DOWNLIGHT RETROFITS



PROJECT NAME: _____ CATALOG NUMBER: _____
 NOTES: _____ FIXTURE SCHEDULE: _____

Page: 1 of 3

LED 9" RECESSED ARCHITECTURAL SERIES DLR9 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
- cULus classified listing pending for damp location use
- E* pending
- 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 (DLR950 model is only 0-10V)
- Flood beam standard. Spot beam by special order.
- L70 254khrs and L90 72khrs

CONSTRUCTION:

- Supplied with heavy 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 codes on pg. 2)		Typical order example: DLR91530			
DLR	9				
FAMILY	SIZE	REFLECTOR COLOR	LUMEN PACKAGE	CCT	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	
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
		NOVA	NVTV	
		NOVAT	NFTV WIPP20	
	Leviton	RENOIR II	AWRMG-7XX AWSMG-7XX AWSMT-7XX	
		Leviton	IP710-LFZ/DLX	



LED 9" RECESSED ARCHITECTURAL SERIES DLR9 SERIES

Page: 2 of 3

SPECIFICATIONS:

ITEM	SPECIFICATION	DLR 91030	DLR 91040	DLR 91530	DLR 91540	DLR 92030	DLR 92040	DLR 93030	DLR 93040	DLR 95030	DLR 95040	
		DETAILS	DETAILS	DETAILS	DETAILS	DETAILS	DETAILS	DETAILS	DETAILS	DETAILS	DETAILS	
GENERAL PERFORMANCE	Power Consumption (W)	11	11	20	20	28	28	38	38	60	60	
	Lumens Delivered (lm)	1021	1070	1728	1810	2303	2413	3081	3228	5329	5584	
	Efficacy (lm/W)	93	97	86	91	82	86	81	85	89	93	
	Color Temperature	3000K	4000K	3000K	4000K	3000K	4000K	3000K	4000K	3000K	4000K	
	L70 Lifetime (hours)	254,000										
	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										
PHYSICAL	Weight	TBD										
	Mounting	Mounts into existing recessed frame										
	Operating Temperature	-4" to 113°F										
	Humidity	20% - 85% RH, non-condensing										
CERTIFICATION	Certification	Pending										
	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		BASELINE VALUES AND REPLACEMENTS	
2700K	1.000	DLR91027	975 26W CFL
3000K	1.047	DLR91527	1650 32W CFL
3500K	1.073	DLR92027	2200 (2) 26W CFL
4000K	1.097	DLR93027	2943 (2) 32W CFL
5000K	1.118	DLR95027	5090 175W HID MH-I

MAXLITE LIGHTING & TECHNOLOGY UNIVERSITY



Home **Earn Your Lighting Degree** **Common Lighting Terms & Definitions** **Other Lighting & Technology Resources** **Webinar Library**

MaxLite Lighting & Technology University:
 The department function is to train and provide product training material for all MaxLite representatives, customers and employees. The goal of the department is to educate the staff and rep network to a full and complete understanding of our products, technologies, marketplace, and business environments. We endeavor to educate how and why lighting functions, repair and replacement, as well as compare to competitors or listing requirements. We will accomplish this by providing the tools and services proactively and as needed to supplement.



Earn Your Lighting Degree
(ALA CLC Credit Hours)



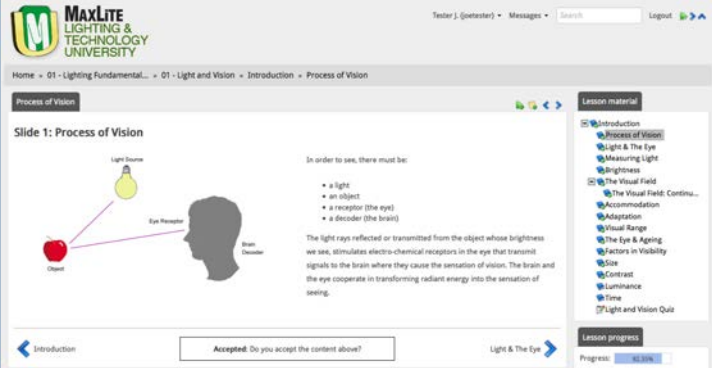
Download Student Handbook

Other Lighting Resources



Webinar Library

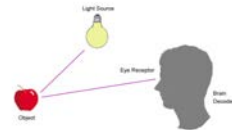




MaxLite LIGHTING & TECHNOLOGY UNIVERSITY

Home > 01 - Lighting Fundamentals... > 01 - Light and Vision > Introduction > Process of Vision

Slide 1: Process of Vision




In order to see, there must be:

- a light
- an object
- a receptor (the eye)
- a decoder (the brain)

The light rays reflected or transmitted from the object whose brightness we see, stimulates electro-chemical receptors in the eye that transmit signals to the brain where they cause the sensation of vision. The brain and the eye cooperate in transforming radiant energy into the sensation of seeing.

Accepted: Do you accept the content above?



MAXLITE LIGHTING & TECHNOLOGY UNIVERSITY

CERTIFICATE OF COMPLETION

The MaxLite Lighting & Technology University is proud to award this certificate of completion to:

MAXLITE UNIVERSITY STUDENT

In recognition of your successful completion of **Lighting Fundamentals - Lighting 101 (ALA: 4 CLC Credit Hours)** with a score of **100%**, **Lighting Fundamentals - Intermediate (ALA: 2 CLC Credit Hours)** with a score of **100%** and **Lighting Fundamentals - Advanced (ALA: 3 CLC Credit Hours)** with a score of **90%**.

Total Score Average: 97%

[Signature]
 Bill Fenimore
 MaxLite Director of Project Sales & Training

MAXLITE
 http://www.maxliteuniversity.com

MaxLiteUniversity.com

Custom Product & Technology Training

Ask about our FREE custom webinar/training services!

- Lunch and Learn
- Breakfast and Learn
- Online via webinar
- Focus on a specific MaxLite product or a broad overview
- Focus on LED Technology or general lighting training
- Custom Presentations for your customers or staff



Email Bill Fenimore at bfenimore@maxlite.com for more info!

MAXLITE'S UTILITY REBATE SERVICES

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

- C&I Rebate Finder
- 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!

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/topics discussed 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