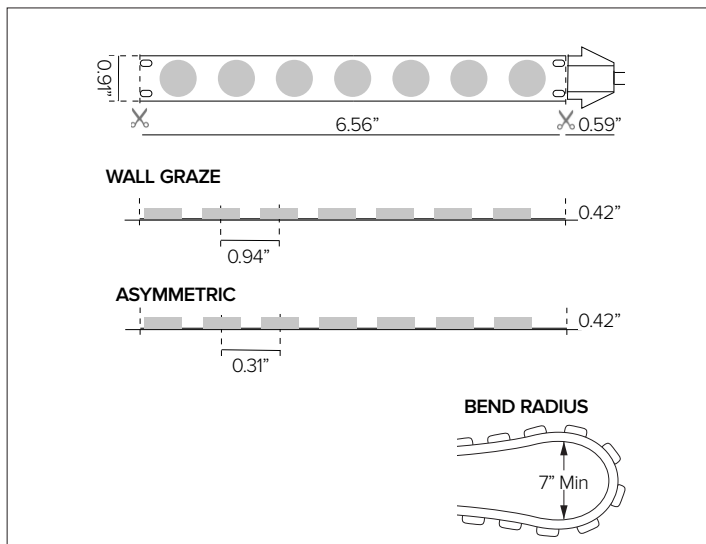


DURAFLEX OPTICS

Energy Efficient Flex for Continuous Optical Illumination



CONCEPT

Energy efficient flex for continuous linear Wall Graze or Wall Wash illumination for indoor or outdoor applications.

MECHANICAL CHARACTERISTICS

Materials	LED strip with independent optic and fully extruded silicon jacket.
Functionality	Ideal for continuous linear asymmetric wall wash and wall graze illumination applications.
Installation	Field cuttable. Manufacturer pre-assembled to specific project lengths with factory attached end prep assemblies to be mounted or inserted into thermally protective profiles, see available options. Suitable for MRI installations. Driver to be mounted outside of MRI room and to be use with PVC or aluminum profiles only. To be installed with adhesive or MRI safe hardware only, no factory provided mounting hardware to be used.
Protection	Strip jacket rated at IP67.

CERTIFICATIONS

cETLus Class 2 Listed
 Tested in accordance with LM-79-08
 Energy efficient for California installations.
 RoHS compliant

WARRANTY

5 year limited warranty

ELECTRICAL CHARACTERISTICS

Power Connection	Factory attached end prep, see available options. Remote Class 2 120V-277V AC power supply required, see available options.
Wattage	6W/ft
Voltage	24V DC
Operating Temp.	-25°C / +35°C
Max Continuous Length	Field trimmable every 6.56". 14ft

SOURCE

LEDs	13 LEDs/ft Wall Graze version / 9 LEDs/ft Wall Wash version.						
Spacing	0.94" O.C.						
TM30	CCT (Nominal)	CRI	Rf	Rg	R9	DUV	SDCM
	2700K	93	92	99	65	-0.0006	3
	3000K	97	93	103	87	-0.0048	3
	3500K	93	90	98	63	-0.0010	3
	4000K	94	90	98	70	-0.0007	3

Strip & LED Details	Model	W/LED	Delivered Lumens*		Viewing Angle
			3000K	4000K	
	WG	0.46W	549Lm/ft	564Lm/ft	29°
	WW	0.67W	442Lm/ft	457Lm/ft	10° x 75°

* Meets Title 24 High efficacy rating.

Efficacy	94Lm/W max. Refer to photometric graphs for specific values.
Lifetime	L70/B20 >30,000hrs at max TA +25°C

DURAFLEX OPTICS

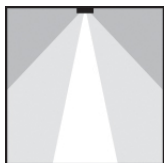
SPECIFICATION INFORMATION



Ex: DLO06OWG2724 / KT07UXWL / KT07UXWL-CL / DMLE601242UD

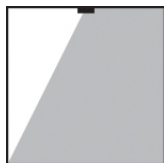
1 - PRODUCT CODE	2 - TYPE	3 - WATTAGE	4 - RATING	5 - OPTICS	6 - KELVIN	7 - VOLTAGE
DF — DURAFLEX	O — Optics	06 — 6.0W/ft	O — IP66	WG — Wall Graze 29° WW — Wall Wash 101° x 75°	27 — 2700K 30 — 3000K 35 — 3500K 40 — 4000K	24 — 24V DC
8 - END PREP CONNECTION	9 - MOUNTING	10 - DRIVER				
REQUIRED See section for details	OPTIONAL See section for details	REQUIRED See section for details				

OPTICS



WG

Recommended mounting setback between 1" to 5"



WW

Recommended mounting setback between 3" to 12" with ideal setback between 6" to 9"

DURAFLEX OPTICS

8 - END PREP CONNECTION (REQUIRED)

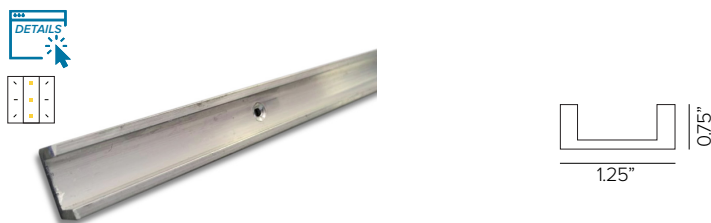


DURAFLEX OPTIC factory attached molded straight 2 pin 6" male end feed connection and 6" female connection with bare wire lead cable.

Part No. **KT07UXWL**

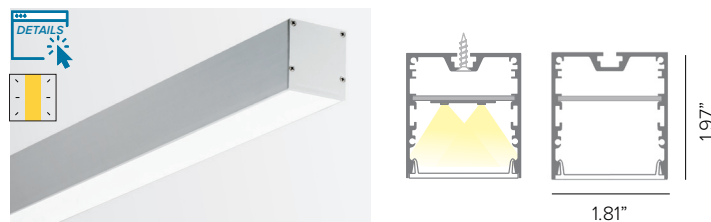
9 - MOUNTING (REQUIRED)

SURFACE PROFILES



Rigid aluminum "U" channel. Countersink screw holes, 12" O.C. Dimension: 96"L.

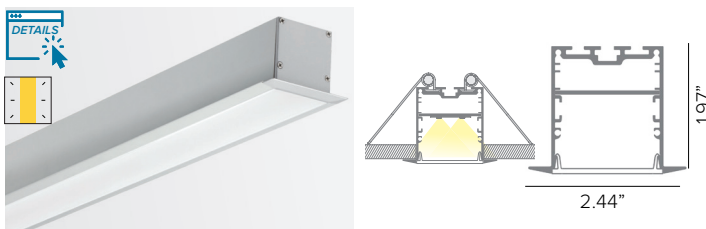
Part No. **DL88ALUMU8**



Aluminum profile with frosted polycarbonate lens for suspension installation. Dimension: 79" L (2M).

Part No. **P01L-S-PF-200**

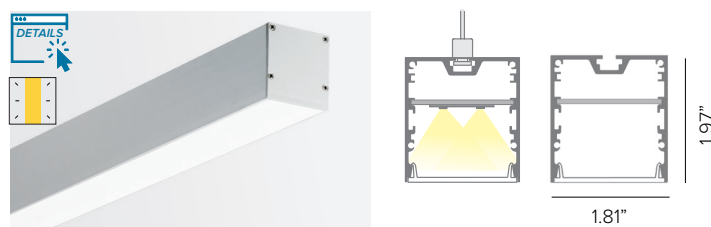
RECESSED PROFILE



Aluminum profile with opal polycarbonate lens for recessed installation. Dimension: 79" L (2M).

Part No. **P08D-S-PF-200**

SUSPENDED PROFILE



Aluminum profile with frosted polycarbonate lens for suspension installation. Dimension: 79" L (2M).

Part No. **P01L-S-PF-200**

CLIPS



Mounting clip kit. Includes 10 clips.

Part No. **KT07UXWL-CL**

DURAFLEX OPTICS

10 - POWER SUPPLY (REQUIRED)

ENCLOSURE								
Part No.	Wattage	Control	Dim Range	Rating	In / Out Voltage	Certification	Dimensions (Enclosure)	Description
DMLE301242UD	30W	MLV / ELV / 0-10V / TRIAC	MLV / ELV <10% 0-10V 1%	NEMA3R	120-277V / 24V	UL Class 2	4.47" X 6.79" X 1.38"	EMCOD electronic driver with wiring compartment.
DELV30124DJBX	30W	0-10V	0.1%	IP65	120-277V / 24V	UL Class 2	12.1" X 2.4" X 1.4"	Magnitude SOLIDrive electronic driver with built in junction box.
DMLE601242UD	60W	MLV / ELV / 0-10V / TRIAC	MLV / ELV <10% 0-10V 1%	NEMA3R	120-277V / 24V	UL Class 2	4.47" X 6.79" X 1.38"	EMCOD electronic driver with wiring compartment.
DELV60124DJBX	60W	0-10V	0.1%	IP65	120-277V / 24V	UL Class 2	12.1" X 2.4" X 1.4"	Magnitude SOLIDrive electronic driver with built in junction box.
DELX601241CPWM	60W	0-10V	1%	NEMA3R	120-277V / 24V	UL Class 2	10" x 10" x 4"	MEANWELL electronic PWM driver.
PS060	96W	HI-LUME ECOSYSTEM	0.1%	IP20/NOM CERTIFIED	UNIVERSAL 120-277 VAC	UL Class 2	10.5" x 5.5" x 2"	Lutron Hi-Lume Premiere constant voltage driver.
DELX901241CPWM	90W	0-10V	1%	NEMA3R	120-277V / 24V	UL Class 2	10" x 10" x 4"	MEANWELL electronic PWM driver.
DMLE961242UD	96W	MLV / ELV / 0-10V / TRIAC	MLV / ELV <10% 0-10V 1%	NEMA3R	120-277V / 24V	UL Class 2	5.16" X 7.73" X 1.54	EMCOD electronic driver with wiring compartment.
DELV96124DJBX	96W	0-10V	0.1%	IP65	120-277V / 24V	UL Class 2	12.1" X 2.4" X 1.4"	Magnitude SOLIDrive electronic driver with built in junction box.
DELX1802242CPWM	2X90W	0-10V	1%	NEMA3R	120-277V / 24V	UL Class 2	12" x 12" x 4"	MEANWELL electronic PWM driver.
DMLE1922242UD	2X96W	MLV / ELV / 0-10V / TRIAC	MLV / ELV <10% 0-10V 1%	NEMA3R	120-277V / 24V	UL Class 2	5.04" X 10.94" X 1.81	EMCOD electronic driver with wiring compartment.
DELX2703243CPWM	3X90W	0-10V	1%	NEMA1	120-277V / 24V	UL Class 2	12" x 12" x 4"	MEANWELL electronic PWM driver.
DMLE2882242UD	3X96W	MLV / ELV / 0-10V / TRIAC	MLV / ELV <10% 0-10V 1%	NEMA3R	120-277V / 24V	UL Class 2	5.04" X 10.94" X 1.81	EMCOD electronic driver with wiring compartment.

STAND ALONE								
Part No.	Wattage	Control	Dim Range	Rating	In / Out Voltage	Certification	Dimensions (Standalone)	Description
DELV30124D	30W	0-10V	0.1%	IP65	120-277V / 24V	UR Class 2	7.5" X 2.4" X 1.4"	Magnitude SOLIDrive electronic standalone driver. UL listed enclosure provided by others.
DEL60PWM	60W	0-10V	1%	IP67	120-277V / 24V	UL Class 2	5.9" X 2.09" X 1.38"	MEANWELL electronic PWM driver. UL listed enclosure provided by others.
DELV60124D	60W	0-10V	0.1%	IP65	120-277V / 24V	UR Class 2	7.5" X 2.4" X 1.4"	Magnitude SOLIDrive electronic standalone driver. UL listed enclosure provided by others.
DEL90PWM	90W	0-10V	1%	IP67	120-277V / 24V	UL Class 2	6.73" X 2.48" X 1.48"	MEANWELL electronic PWM driver. UL listed enclosure provided by others.
DELV96124D	96W	0-10V	0.1%	IP65	120-277V / 24V	UR Class 2	7.5" X 2.4" X 1.4"	Magnitude SOLIDrive electronic standalone driver. UL listed enclosure provided by others.

MAX INTERCONNECTED TAPE LENGTHS PER DRIVER

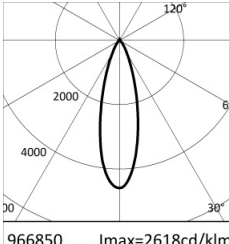
Fixture Wattage	Driver Wattage							
	30W	60W	90W	96W	2X90W	2X96W	3X90W	3X96W
	6W	4FT	8FT	12FT	12FT	(2) 12FT	(2) 12FT	(3) 12FT

DURAFLEX OPTICS

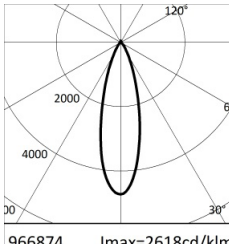
PHOTOMETRY

IES FILES SHOWN AT 1M (3.28FT) LENGTHS

WALL GRAZE

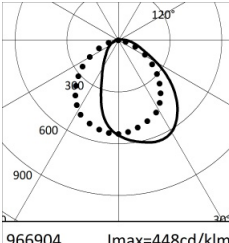
	2700K	H(m)	D(m)	Emax(lx)		
	Ra90		29°			
	Fixture Power	19W	1	0.52	4582	
	Source Flux	1750lm	2	1.04	1146	
	Fixture Flux	1750lm	3	1.56	509	
	Efficacy	91lm/W	4	2.08	286	
966850	I _{max} =2618cd/klm	I _{max}	4582cd	5	2.59	183

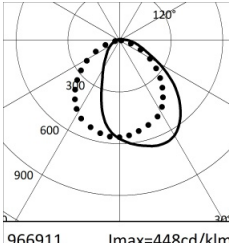
	3000K	H(m)	D(m)	Emax(lx)		
	Ra90		29°			
	Fixture Power	19W	1	0.52	4713	
	Source Flux	1800lm	2	1.04	1178	
	Fixture Flux	1800lm	3	1.56	524	
	Efficacy	94lm/W	4	2.08	295	
966867	I _{max} =2618cd/klm	I _{max}	4713cd	5	2.59	189

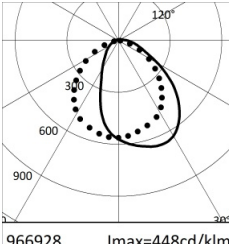
	3500K	H(m)	D(m)	Emax(lx)		
	Ra90		29°			
	Fixture Power	19W	1	0.52	4713	
	Source Flux	1800lm	2	1.04	1178	
	Fixture Flux	1800lm	3	1.56	524	
	Efficacy	94lm/W	4	2.08	295	
966874	I _{max} =2618cd/klm	I _{max}	4713cd	5	2.59	189

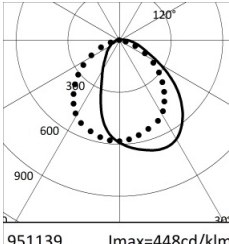
	4000K	H(m)	D(m)	Emax(lx)		
	Ra90		29°			
	Fixture Power	19W	1	0.52	4844	
	Source Flux	1850lm	2	1.04	1211	
	Fixture Flux	1850lm	3	1.56	538	
	Efficacy	96lm/W	4	2.08	303	
966881	I _{max} =2618cd/klm	I _{max}	4844cd	5	2.59	194

WALL WASH

	2700K	H(m)	D1(m)	D2(m)	Emax(lx)		
	Ra90		75°	101°			
	Fixture Power	19W	1	1.82	2.66	569	
	Source Flux	1400lm	2	3.65	5.33	142	
	Fixture Flux	1400lm	3	5.47	7.99	63	
	Efficacy	73lm/W	4	7.30	10.66	36	
966904	I _{max} =448cd/klm	I _{max}	628cd	5	9.12	13.32	23

	3000K	H(m)	D1(m)	D2(m)	Emax(lx)		
	Ra90		75°	101°			
	Fixture Power	19W	1	1.82	2.66	589	
	Source Flux	1450lm	2	3.65	5.33	147	
	Fixture Flux	1450lm	3	5.47	7.99	65	
	Efficacy	76lm/W	4	7.30	10.66	37	
966911	I _{max} =448cd/klm	I _{max}	650cd	5	9.12	13.32	24

	3500K	H(m)	D1(m)	D2(m)	Emax(lx)		
	Ra90		75°	101°			
	Fixture Power	19W	1	1.82	2.66	589	
	Source Flux	1450lm	2	3.65	5.33	147	
	Fixture Flux	1450lm	3	5.47	7.99	65	
	Efficacy	76lm/W	4	7.30	10.66	37	
966928	I _{max} =448cd/klm	I _{max}	650cd	5	9.12	13.32	24

	4000K	H(m)	D1(m)	D2(m)	Emax(lx)		
	Ra90		75°	101°			
	Fixture Power	19W	1	1.82	2.66	610	
	Source Flux	1500lm	2	3.65	5.33	152	
	Fixture Flux	1500lm	3	5.47	7.99	68	
	Efficacy	78lm/W	4	7.30	10.66	38	
951139	I _{max} =448cd/klm	I _{max}	673cd	5	9.12	13.32	24