

MIGHTY MAC® DFK

DIRECT FIT LED REPLACEMENT KIT

Relight of Common Correctional Luminaires



PRODUCT FEATURES

- Designed to fit directly into existing legacy Kenall fixtures without modifications
- Updates fixtures with long-lasting specification grade components
- Easily connects to existing wiring
- Warm 2700K or amber night light options
- 5 Year Warranty

SPECIFICATIONS

REFLECTOR: Prime grade aluminum material finished in high reflectance gloss white. Die-formed to match existing distribution and mounting locations.

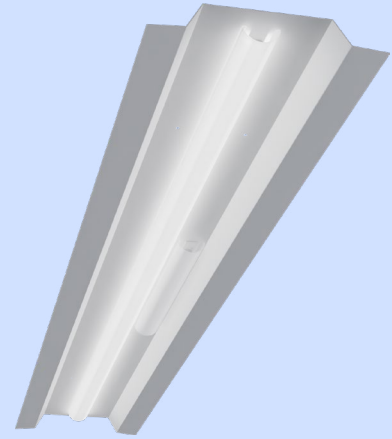
LED MODULE: Commercially available and serviceable mid-power LED array(s). Minimum 80 CRI standard (R9>0), consult factory for optional 90CRI (R9>50). Available 3000K, 3500K, 4000K and 5000K color temperatures with maximum 3-step MacAdam variation allowance.

DRIVER: 120-277VAC or 347VAC, 50/60Hz electrical input with serviceable constant-current driver (0.90 PF). Minimum 85% driver efficiency. Standard 0-10V dimming with 1-100% range and dim-to-dark capabilities; 0.4mA maximum source current.

INSTALLATION: Simple hand tools required for removal and replacement. No modifications required.

WARRANTY: Limited five (5) year warranty.

LISTINGS: Luminaire retrofit kits are classified to the UL1598C standard by Intertek Testing Services for Damp Locations.



ORDERING INFORMATION (EX: DFK-CC-4-M-35K-DCC-DV-NLW-RGT)

Model	Fixture Retrofit	Length	Lamp Power	Lamp Color	Driver	Voltage	Options
DFK					DCC		
	Fixture Retrofit		Lamp Power		Driver Type		
	Corner		L Low Lumen Output		DCC Dimming Constant Current		
	CC CC		S Standard Lumen Output				
	CD CD		H High Lumen Output				
	Recessed		Lamp Color		Voltage		
	RMCA RMCA		30K8 3000K / 80CRI min.		DV 120-277 VAC, 50/60Hz		
	RMCD RMCD		35K8 3500K / 80CRI min.		347 347VAC, 60Hz		
	Surface Ceiling		40K8 4000K / 80CRI min.		Options		
	SCA SCA		50K8 5000K / 80CRI min.		LEL 10W Emergency Battery Pack		
	SCD SCD				NLW 2700K White LED Night Light		
	SDA SDA				NLA Amber LED Night Light		
	SDD SDD				SYM Symmetric Diffuse Acrylic Overlay		
	SDSA SDSA						
	SSA SSA						
	SSD SSD						
	Wall						
	WCB WCB						
	WCBU WCBU						
	WCU WCU						
	Length						
	2 2' Nominal						
	4 4' Nominal						

PERFORMANCE

Fixture Retrofit	Size	Delivered Performance at 4000K (lm)		
		Low Lumen Output	Standard Lumen Output	High Lumen Output
CC	2	—	2,300	—
	4	4,400	7,000	8,700
CD	2	—	2,300	—
	4	4,400	7,000	8,700
RMCA	2	—	2,000	—
	4	3,600	5,800	7,200
RMCD	4	4,200	7,400	9,100
SCA	2	—	2,500	—
	4	4,600	—	—
SCD	2	—	2,800	—
	4	5,400	8,600	10,600
SDA	4	4,300	7,500	—
SDD	2	—	3,000	—
	4	5,700	9,000	11,200
SDSA	2	—	2,500	—
	4	4,600	7,400	—
SSA	2	—	2,800	—
	4	5,100	8,100	—
SSD	2	—	5,300	—
	4	5,800	9,200	11,400
WCB	2	—	2,100	—
	4	4,000	—	—
WCBU	2	—	4,600	—
	4	8,700	—	—
WCU	2	—	4,700	—
	4	8,900	—	—

Performance is based on standard 4000K CCT 80 CRI LEDs with 1/9 lens option or similar (.125" thick prismatic acrylic plus 3/8" thick clear polycarbonate).

Lens Configuration	Inner Lens	Outer Lens	Lumen Scaling Factor
SYM/G	1/8" Frost Acrylic	1/8" CLEAR PC	1.1
SYM/7		3/16" CLEAR PC	1.06
SYM/8		3/16" CLEAR TG	1.06
SYM/9		1/4" CLEAR PC	1.03
SYM/B		3/8" CLEAR PC	1
SYM/C		3/8" CLEAR TG	1.03
SYM/J		1/2" CLEAR PC	0.99
1/G	1/8" Prismatic Acrylic	1/8" CLEAR PC	1.04
1/9		1/4" CLEAR PC	0.99
1/B		3/8" CLEAR PC	0.99
2/J	1/8" Prismatic PC	1/2" CLEAR PC	0.87

Lumen Scaling Factor is calculated by lens on legacy fixture that is being retrofitted.