

DTFA/N elite LED retrofit

IP65/54 LED retrofit
kit for upgrading
DTFA Elite and DTFN
Elite T5 products



Info

- LED retrofit kit to upgrade T5 fluorescent DTFA/N Elite prismatic diffuser luminaires*
- LED retrofit kit is supplied complete with 8 or 16 low voltage LED boards and an additional diffuser sheet
- Through access is still available when fitting the LED retrofit kit
- The IP rating of the product is not affected after installation of the LED retrofit kit

*Not suitable for louvre or back access products

Output Options

- Light Output Options:

DTFA Elite LED Retrofit;

- Lumen packages ranging from 3200 – 11,400 lumens (45W – 142W) in 3 body sizes

DTFN Elite LED Retrofit;

- Lumen packages ranging from 3400 – 12,000 lumens (45W – 142W) in 3 body sizes
- 4000K



LED retrofit kit



LED retrofit kit replaces existing fluorescent gear tray



Additional diffuser sheet clips into existing front frame

DTFA/N elite LED retrofit

Order Codes

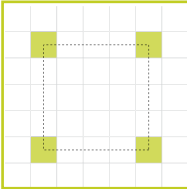
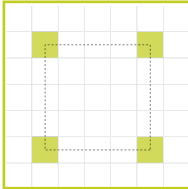
DTFA Elite LED Retrofit*		
600 x 600mm	Fixed Output	3 hr Emergency
3200/3400 (45W)	DLAH14KRG	DLAH14KRGEM
5400/5700 (73W)	DLAH24KRG	DLAH24KRGEM
1200 x 300mm		
3200/3400 (45W)	DLAH34KRG	DLAH34KRGEM
5400/5700 (73W)	DLAH44KRG	DLAH44KRGEM
1200 x 600mm		
6400/6800 (90W)	DLAH54KRG	DLAH54KRGEM
8100/8600 (107W)	DLAH64KRG	DLAH64KRGEM
10,900/11,400 (142W)	DLAH74KRG	DLAH74KRGEM
DTFN Elite LED Retrofit*		
600 x 600mm	Fixed Output	3 hr Emergency
3400/3500 (45W)	DLNH14KRG	DLNH14KRGEM
5700/6000 (73W)	DLNH24KRG	DLNH24KRGEM
1200 x 300mm		
3400/3500 (45W)	DLNH34KRG	DLNH34KRGEM
5700/6000 (73W)	DLNH44KRG	DLNH44KRGEM
1200 x 600mm		
6800/7100 (90W)	DLNH54KRG	DLNH54KRGEM
8600/9000 (107W)	DLNH64KRG	DLNH64KRGEM
11,500/12,000 (142W)	DLNH74KRG	DLNH74KRGEM

Options

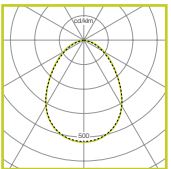
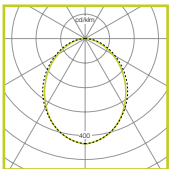
DALI DIMMING	Replace H with Y	i.e. DLAY14KRG
COMEPS	Add suffix /EP	i.e. DLAH14KRG/EP
EASYTEST	Add suffix /ET	i.e. DLAH14KRG/ET

*Lower lumen values represent the actual output of the luminaire when LED Retrofit is installed within the prismatic acrylic above glass product. Higher lumen values represent the actual output when installed within the prismatic TP(a) single sheet product.

Performance Guide

DTFA Elite LED Retrofit			DTFN Elite LED Retrofit		
Lamps	Illuminance	Spacing	Lamps	Illuminance	Spacing
LED 45W	506 lux	2.4m x 2.4m	LED 45W	549 lux	2.4m x 2.4m
(3200 lumens, 45W)			(3500 lumens, 45W)		
Prismatic acrylic above 4mm toughened glass			Prismatic TP(a) single sheet		
					
Maintenance: 0.8			Maintenance: 0.8		
Reflectance: 70/50/20			Reflectance: 70/50/20		
Ceiling Height: 2.7m			Ceiling Height: 2.7m		
Working Plane: 0.8m			Working Plane: 0.8m		

Photometric Performance

	DTFA Elite 45W LED Prismatic acrylic above 4mm toughened glass • LOR = 100% • SHR MAX = 1.46 • 3208 lumens		DTFN Elite 45W LED Prismatic (TP(a)) Single sheet • LOR = 100% • SHR MAX = 1.46 • 3536 lumens
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Utilisation Factors UF(F)

Room Reflectance			Room Index		
C	W	F	1.00	3.00	5.00
0.70	0.50	0.20	0.77	1.00	1.06

LED Performance

Colour Temp	Ra (CRI)	Life Expectancy	Colour Consistency
4000K	≥ 80	L ₄₀ (50,000hrs)	MacAdam 4 SDCM

Dimensions

For complete product dimensions see DTFA/N Elite in the main catalogue

Weight

DTFA/N Elite LED Retrofit does not increase the weight of the product

Selection Guide

DTFA Elite LED Retrofit							
Dimensions	600 x 600mm	600 x 600mm	1200 x 300mm	1200 x 300mm	1200 x 600mm	1200 x 600mm	1200 x 600mm
T5 Output	4 x 14W	4 x 24W	2 x 28W	2 x 54W	4 x 28W	3 x 54W	4 x 54W
Part Code	DLAH14KRG	DLAH24KRG	DLAH34KRG	DLAH44KRG	DLAH54KRG	DLAH64KRG	DLAH74KRG
DTFN Elite LED Retrofit							
Dimensions	600 x 600mm	600 x 600mm	1200 x 300mm	1200 x 300mm	1200 x 600mm	1200 x 600mm	1200 x 600mm
T5 Output	4 x 14W	4 x 24W	2 x 28W	2 x 54W	4 x 28W	3 x 54W	4 x 54W
Part Code	DLNH14KRG	DLNH24KRG	DLNH34KRG	DLNH44KRG	DLNH54KRG	DLNH64KRG	DLNH74KRG

To Specify

Recessed LED retrofit kit to upgrade existing DTFA Elite and DTFN Elite T5 fluorescent products – as Whitecroft Lighting DTFA/N Elite LED Retrofit.