

# DTFA/N Elite LED Retrofit



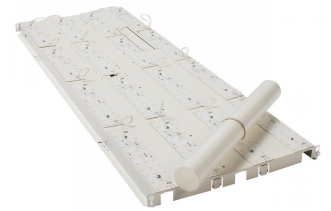
IP65/54 LED retrofit kit for upgrading DTFA Elite and DTFN Elite T5 product



Diffuser Sheet Clips Into Existing Frame



DTFA/N Elite LED Retrofit



Replaces Existing Fluorescent Gear Tray

## Optics

- DTFA Elite LED Retrofit;
  - Lumen packages ranging from 3208 to 11440 lumens (33.8W to 104.5W) in 3 body sizes
- DTFN Elite LED Retrofit;
  - Lumen packages ranging from 3390 to 11968 lumens (33.8W to 104.5W) in 3 body sizes
- 4000K
- Colour rendering index of Ra greater than or equal to 80 as standard
- Ra90 is available as an option for enhanced examination in Healthcare environments

# Body

- 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
- RAL Colour: White RAL9016
- 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

## Order codes

### DTFA Elite LED Retrofit 600x600mm

				B50		
DTFA Elite LED Retrofit* 600x600mm	Fixed Output	3hr Emergency	LL/CW	L70	L80	L90
3208/3380 (33.8W)	DLAH14KRG	DLAH14KRGEM	95/100	>100k	>100k	65k
5430/5720 (62.4W)	DLAH24KRG	DLAH24KRGEM	87/92	>100k	84k	39k

\* 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.

### DTFA Elite LED Retrofit 1200x300mm

				B50		
DTFA Elite LED Retrofit* 1200x300mm	Fixed Output	3hr Emergency	LL/CW	L70	L80	L90
3208/3380 (34.1W)	DLAH34KRG	DLAH34KRGEM	94/99	>100k	>100k	65k
5430/5720 (58.2W)	DLAH44KRG	DLAH44KRGEM	93/98	>100k	84k	39k

\* 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.

### DTFA Elite LED Retrofit 1200x600mm

				B50		
DTFA Elite LED Retrofit* 1200x600mm	Fixed Output	3hr Emergency	LL/CW	L70	L80	L90
6417/6760 (59.1W)	DLAH54KRG	DLAH54KRGEM	109/114	>100k	>100k	65k
8144/8580 (71.5W)	DLAH64KRG	DLAH64KRGEM	114/120	>100k	>100k	46k
10859/11440 (104.5W)	DLAH74KRG	DLAH74KRGEM	104/109	>100k	84k	39k

\* 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.

## DTFN Elite LED Retrofit 600x600mm

				B50		
DTFN Elite LED Retrofit* 600x600mm	Fixed Output	3hr Emergency	LL/CW	L70	L80	L90
3390/3536 (33.8W)	DLNH14KRG	DLNH14KRGEM	100/10 5	>100k	>100k	65k
5738/5984 (62.4W)	DLNH24KRG	DLNH24KRGEM	92/96	>100k	84k	39k

\* 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.

## DTFN Elite LED Retrofit 1200x300mm

				B50		
DTFN Elite LED Retrofit* 1200x300mm	Fixed Output	3hr Emergency	LL/CW	L70	L80	L90
3390/3536 (34.1W)	DLNH34KRG	DLNH34KRGEM	99/104	>100k	>100k	65k
5738/5984 (58.2W)	DLNH44KRG	DLNH44KRGEM	99/103	>100k	85k	39k

\* 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.

## DTFN Elite LED Retrofit 1200x600mm

				B50		
DTFN Elite LED Retrofit* 1200x600mm	Fixed Output	3hr Emergency	LL/CW	L70	L80	L90
6781/7072 (59.1W)	DLNH54KRG	DLNH54KRGEM	115/12 0	>100k	>100k	65k
8606/8976 (71.5W)	DLNH64KRG	DLNH64KRGEM	120/12 5	>100k	>100k	46k
11475/11968 (104.5W)	DLNH74KRG	DLNH74KRGEM	110/11 4	>100k	86k	39k

\* 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.

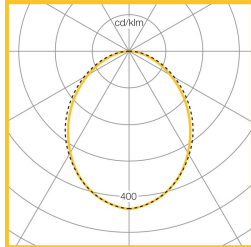
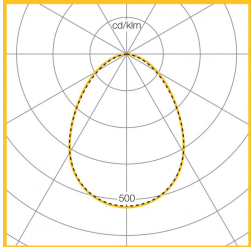
## Options

COMEPS	Add suffix /EP	i.e DLAH14KRG/EP
DALI DIMMING	Replace H with Y	i.e DLAY14KRG
Ra90 (LED only)	Add 9 after D	i.e D9LAH14KRG

# LED Performance

Colour Temp	RA (CRI)	Colour consistency
4000K	>80	MacAdam 4 SDCM

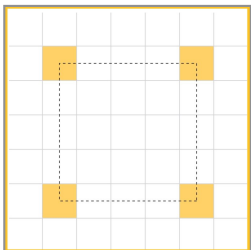
## Photometric Performance



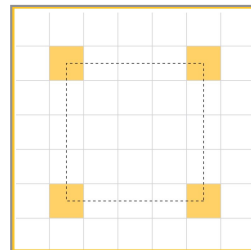
4000K 45W LED  
DTFA Elite  
Prismatic Acrylic  
Above 4mm  
Toughened Glass  
LOR = 100.0%  
SHR MAX = 1.46

4000K 45W LED  
DTFN Elite  
Prismatic TP(a)  
Single Sheet  
LOR = 100.0%  
SHR MAX = 1.46

## Performance Guide



Lamps	45W LED
Illuminance	506 lux
Spacing	2.4m x 2.4m
Maintenance	0.8
Reflectance	70/50/20
Ceiling Height	2.7m
Working plane	0.8m



Lamps	45W LED
Illuminance	549 lux
Spacing	2.4m x 2.4m
Maintenance	0.8
Reflectance	70/50/20
Ceiling Height	2.7m
Working plane	0.8m

## 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.