





Optics

- Lamp options:
 - 2 x 28/54W T5
- Louvre above clear 3mm TP(a) sheet
- Single sheet 3mm prismatic TP(a) diffuser

Body

- Extruded aluminium frame finished white
- Designed to be mounted flush to the solid ceiling leaving no upward facing ledge. Mastic to be applied between luminaire and ceiling, washers to be fitted to seal drop rod holes if not used
- Diffuser securely clamped but easily removable from frame for replacement
- Steel body IP65 with fully welded corners finished white



Order Codes

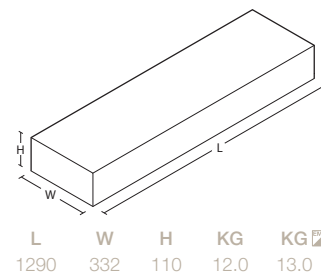
DTBY Louvre	HF Gear	3 hr Emergency
T5 2 x 28W	DTBYWFH228	DTBYWFH228EMIN
T5 2 x 54W	DTBYWFH254	DTBYWFH254EMIN

DTBY Diffuser	HF Gear	3 hr Emergency
T5 2 x 28W	DTBYKH228	DTBYKH228EMIN
T5 2 x 54W	DTBYKH254	DTBYKH254EMIN

Options

DALI DIMMING	Replace H with Y	i.e. DTBYWFY228
SWITCH DIMMING	Replace H with X	i.e. DTBYWFX228
COMEPS	Add suffix /EP	i.e. DTBYWFH228/EP
EASYTEST	Add suffix /ET	i.e. DTBYWFH228/ET
COMET	Add suffix /CT	i.e. DTBYWFH228/CT

Dimensions

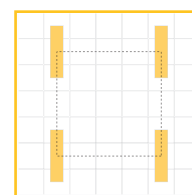


Performance Guide

Lamps	Illuminance	Spacing
2 x 28W T5	480 lux	2.4m x 2.4m

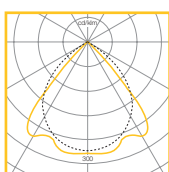
Lamp Performance

Wattage	IL@25°C	Lamp Life
1 x 28W T5	2625	24,000hrs
1 x 54W T5	4450	24,000hrs

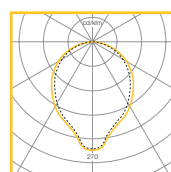


Maintenance:
0.8
Reflectance:
70/50/20
Ceiling Height:
2.7m
Working Plane:
0.8m

Photometric Performance



2 x 28W T5
Louvre
• LOR = 52.2%
• SHR MAX = 1.60



2 x 28W T5
Diffuser
• LOR = 57.8%
• SHR MAX = 1.37

Utilisation Factors UF(F)

Utilisation Factors of (r)					
Room Reflectance			Room Index		
C	W	F	1.00	3.00	5.00
0.70	0.50	0.20	0.42	0.54	0.56

Utilisation Factors UF(F)

Utilisation Factors U _r					
Room Reflectance			Room Index		
C	W	F	1.00	3.00	5.00
0.70	0.50	0.20	0.39	0.56	0.60

To Specify

Surface T5 clean room luminaire in 0.9mm gauge steel with fully welded corners, IP65 when the flat back is mastic sealed tight to the ceiling and fixing holes sealed with washers, extruded aluminium frame – as Whitecroft Lighting DTBY