



Optics

- Light source options:
 - LED 4300 or 5500 lumens (Micro prism only)
 - Or
 - 2 x 28/35/49/54W T5
- Semi specular living louvre or micro prism optic
- Light Distribution Ratios:
 - Louvre: 70% down and 30% up
 - Micro prism: 40% down and 60% up
 - Micro prism LED: 75% down and 25% up

Body

- Slim depth extruded aluminum body in white
- Injection moulded polycarbonate end caps
- Supplied with iTrack 7 pole adapter which enables:
 - Rapid installation
 - Easy access for maintenance
- Integral emergency available for LED products only
- See iTrack emLED for emergency requirements

Order Codes

iTrack Dual Louvre

T5 2 x 28W
T5 2 x 35W
T5 2 x 49W
T5 2 x 54W

HF Gear

ITRDLH228
ITRDLH235
ITRDLH249
ITRDLH254

iTrack Dual Micro Prism

LED 4300 lumens (56W)
LED 5500 lumens (70W)
T5 2 x 28W
T5 2 x 35W
T5 2 x 49W
T5 2 x 54W

HF Gear

ILDH14KW
ILDH24KW
ITRDPH228
ITRDPH235
ITRDPH249
ITRDPH254

3 hr Emergency

ILDH14KWEM
ILDH24KWEM

Options

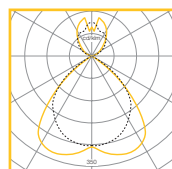
DALI DIMMING
EASYTEST*
COMEPS*

Replace H with Y
Add suffix /ET
Add suffix /EP

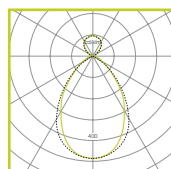
i.e. ITRDLY228
i.e. ILDH14KW/ET
i.e. ILDH14KW/EP

* Only available with LED products

Photometric Performance



2 x 49W T5
Louvre
• LOR = 87.4%
• SHR MAX = 1.71



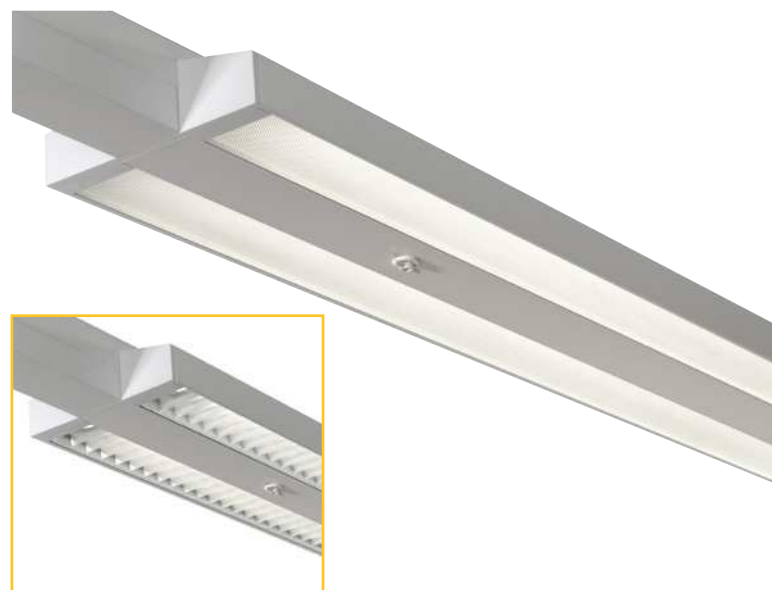
70W LED
5500 lumens
• LOR = 100%
• SHR MAX = 1.45

Utilisation Factors UF(F)

Room Reflectance			Room Index		
C	W	F	1.00	3.00	5.00
0.70	0.50	0.20	0.60	0.80	0.84

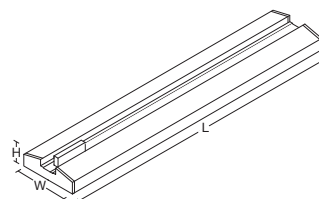
Utilisation Factors UF(F)

Room Reflectance			Room Index		
C	W	F	1.00	3.00	5.00
0.70	0.50	0.20	0.71	0.93	0.98



iTrack Dual Louvre

Dimensions



Version	L	W	H	KG	KG/m
28/54W or 4300 lumens	1183	171	56	3.1	3.9
35/49W or 5500 lumens	1483	171	56	3.6	4.4

Lamp Performance

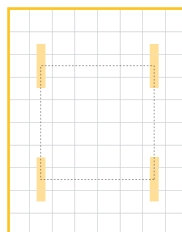
Wattage	IL@25°C	Lamp Life
1 x 28W T5	2625	24,000hrs
1 x 35W T5	3325	24,000hrs
1 x 49W T5	4375	24,000hrs
1 x 54W T5	4450	24,000hrs

Equivalent Lamp Types

4300 Lumen Output	
T5	2 x 28W
5500 Lumen Output	
T5	2 x 35W

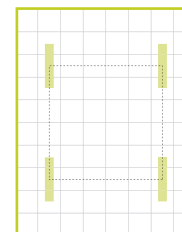
Performance Guide

T5 Micro Prism Optic	Lamps	Illuminance	Spacing
	2 x 28W T5	400 lux	3.0m x 3.0m



Maintenance: 0.8
Reflectance: 70/50/20
Ceiling Height: 3m
Suspension: 0.5m
Working Plane: 0.8m

LED Micro Prism Optic	Lamps	Illuminance	Spacing
	70W LED	477 lux	3.0m x 3.0m



Maintenance: 0.8
Reflectance: 70/50/20
Ceiling Height: 3m
Suspension: 0.5m
Working Plane: 0.8m

To Specify

Slim line T5 or LED architectural luminaire with semi specular living louvre or micro prism diffuser. Direct: indirect lighting ratio. The body is to be extruded aluminium with injection moulded polycarbonate end caps. The track phase selection is located on the luminaire with twist locking rotary toggle for efficient installation and maintenance - as Whitecroft Lighting iTRACK DUAL