



Optics

- Lamp options:
 - 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

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
- (Emergency luminaire supplied with 8 pole adapter)

Order Codes

iTrack Dual Louvre	HF Gear	3 hr Emergency
T5 2 x 28W	ITRDLH228	ITRDLH228EM
T5 2 x 35W	ITRDLH235	ITRDLH235EM
T5 2 x 49W	ITRDLH249	ITRDLH249EM
T5 2 x 54W	ITRDLH254	ITRDLH254EM

iTrack Micro Prism	HF Gear	3 hr Emergency
T5 2 x 28W	ITRDPH228	ITRDPH228EM
T5 2 x 35W	ITRDPH235	ITRDPH235EM
T5 2 x 49W	ITRDPH249	ITRDPH249EM
T5 2 x 54W	ITRDPH254	ITRDPH254EM

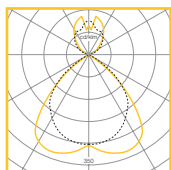
Options

DALI DIMMING	Replace H with Y	i.e. ITRDLY228
EASYTEST	Add suffix /ET	i.e. ITRDLH228/ET
COMEPS	Add suffix /EP	i.e. ITRDLH228/EP

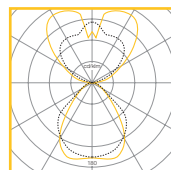
Lamp Performance

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

Photometric Performance



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



2 x 49W T5
Micro prism
• LOR = 80.3%
• SHR MAX = 1.49

Utilisation Factors UF(F)

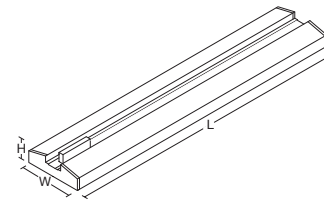
Room Reflectance	Room Index
C W F	1.00 3.00 5.00
0.70 0.50 0.20	0.60 0.80 0.84

Utilisation Factors UF(F)

Room Reflectance	Room Index
C W F	1.00 3.00 5.00
0.70 0.50 0.20	0.46 0.63 0.68



Dimensions



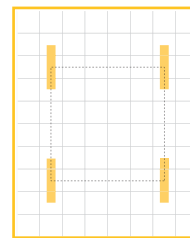
Version	L	W	H	KG	KG/m
28/54W	1183	171	56	3.1	3.9
35/49W	1483	171	56	3.6	4.4



Micro Prism Optic

Performance Guide

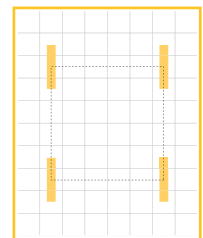
Lamps	Illuminance	Spacing
2 x 28W T5	490 lux	3.0m x 3.0m



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

Performance Guide

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

To Specify

Slim line T5 architectural luminaire with semi specular living louvre or micro prism diffuser. Direct: indirect lighting ratio to be 70:30 (40:60 with micro prism diffuser). The body is to be extruded aluminium with injection moulded polycarbonate end caps. The track phase selection is to be located on the luminaire with twist locking rotary toggle for efficient installation and maintenance - as Whitecroft Lighting iTRACK DUAL



B Curriculum Areas: English, Maths, Science

- Risk learning aspect of each
- Imagine activities, relevance of behaviour (contemporary)
- Create spaces
- What's missing?

English
→ Story telling
→ Quiet reading
→ Group reading
→ Debate
→ Activities
→ Individual Space

Maths
→ Compare Unit
→ Spatial Planning
→ Volume
→ Functions
→ "a doing up"

Science
→ Experiment
→ Making & test
→ Safe
→ Experimentation
→ Demonstration
→ "The release"