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iceberg 83

suspended





foil

suspended integrated services lighting system with acoustic panels

Optics

- Lamp options:
 - 21/28/35/39/49/54W T5
- Twin cell louvre in semi-specular zero iridescent MIRO 5 material
- Where a high level of visual comfort is required the DUO optic with living louvre is available
- Light distribution: 80% down and 20% up

Body

- Alternative body widths and thickness of acoustic absorbing material to deliver differing levels of acoustic performance
 - Widths 600mm or 800mm
 - Absorption thickness 30mm or 48mm
- Perforated steel body with edge detail to give an ultra thin appearance
- 3 segregated cable wiring channels. Central one for lamp control, outer ones for data or power
- Twin adjustable stainless steel suspension kits 1.5m maximum drop
- Infill panels available in 400mm and 800mm lengths
- Can be specifically customised to integrate other services as required. e.g. sprinkler head, smoke detectors, sound equipment, lighting controls etc. Subject to project size



foil

acoustic luminaire with louvre

> weblink > **FOIL**

ORDER CODES

Foil 800 30mm Acoustics	HF Gear	3 hr Emergency
T5 2 x 21W	FLL830H221S	FLL830H221SEMIN
T5 2 x 28W	FLL830H228S	FLL830H228SEMIN
T5 2 x 35W	FLL830H235S	FLL830H235SEMIN
T5 2 x 39W	FLL830H239S	FLL830H239SEMIN
T5 2 x 49W	FLL830H249S	FLL830H249SEMIN
T5 2 x 54W	FLL830H254S	FLL830H254SEMIN

Foil Duo 800 30mm Acoustics	HF Gear	3 hr Emergency
T5 2 x 21W	FDL830H221S	FDL830H221SEMIN
T5 2 x 28W	FDL830H228S	FDL830H228SEMIN
T5 2 x 35W	FDL830H235S	FDL830H235SEMIN
T5 2 x 39W	FDL830H239S	FDL830H239SEMIN
T5 2 x 49W	FDL830H249S	FDL830H249SEMIN
T5 2 x 54W	FDL830H254S	FDL830H254SEMIN
T5 1 x 49W	FDL830H149S	FDL830H149SEMIN
T5 1 x 54W	FDL830H154S	FDL830H154SEMIN

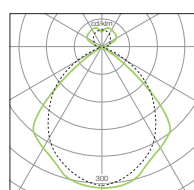
Accessories

400mm long infill, 800mm wide		FLL830INF400S
800mm long infill, 800mm wide		FLL830INF800S
End cap 30mm acoustic absorber, 800mm wide		FLL830ECS
End cap 48mm acoustic absorber, 800mm wide		FLL848ECS
Wire Suspension Kit for one luminaire supplied separately	Full suspension assembly	FLLSUSKIT
Bracket set for one luminaire	Drop rods to be supplied by others	FLLBRAKIT

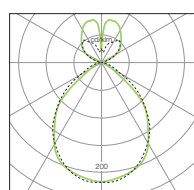
Options

600MM WIDE OPTION	Replace the 8 with 6 in order code for rafts, infills and end caps	i.e. FLL 6 30H221S
48MM ACOUSTIC ABSORPTION MATERIAL	Replace the 30 with 48 in order code	i.e. FLL 48 30H221S
WHITE FINISH	Replace S with W in order code	i.e. FLL830H221 W
DALI DIMMING	Replace H with Y in order code	i.e. FLL830 Y 221S
DSI DIMMING	Replace H with D in order code	i.e. FLL830 D 221S
SWITCH DIMMING	Replace H with X in order code	i.e. FLL830 X 221S
COMMAND 4	Replace H with Q4Y in order code	i.e. FLL830 Q4Y 221S
EASYTEST	Add suffix /ET to order code	i.e. FLL830H221S/ ET
COMET	Add suffix /CT to order code	i.e. FLL830H221S/ CT

PHOTOMETRIC PERFORMANCE



2 x 54W T5
Foil
• LOR = 77.5%
• SHR MAX = 1.65



2 x 54W T5
Foil Duo
• LOR = 64.2%
• SHR MAX = 1.48

Utilisation Factors UF(F)

Room Reflectance	Room Index			
C	W	F	1.00	3.00
0.70	0.50	0.20	0.57	0.74

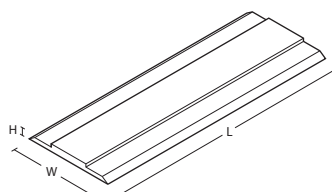
Utilisation Factors UF(F)

Room Reflectance	Room Index			
C	W	F	1.00	3.00
0.70	0.50	0.20	0.42	0.57



Foil duo

DIMENSIONS



Version	L	W	H	KG	KG
21/39W	2200	830	58	17.3	18.3
28/54W	2200	830	58	18.3	19.3
35/49W	2200	830	58	19.3	20.3

PERFORMANCE GUIDE

Lamps	Illuminance	Spacing
2 x 54W T5	530 lux	3.0m x 3.0m

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

TO SPECIFY

Foil

Suspended T5 lighting, acoustic and integrated services 600 or 800mm raft with concealed 30 or 48mm thick acoustic absorbers behind perforated side panels in a shallow chamfered steel body. 3 segregated 28mm x 28mm wiring channels, Miro 5 zero iridescent louvres – as Whitecroft Lighting FOIL.

Foil Duo

Suspended T5 lighting, acoustic and integrated services 600 or 800mm raft with concealed 30 or 48mm thick acoustic absorbers behind perforated side panels in a shallow chamfered steel body. 3 segregated 28mm x 28mm wiring channels, living louvre centrally mounted in micro polymer optic – as Whitecroft Lighting FOIL DUO.

LAMP PERFORMANCE

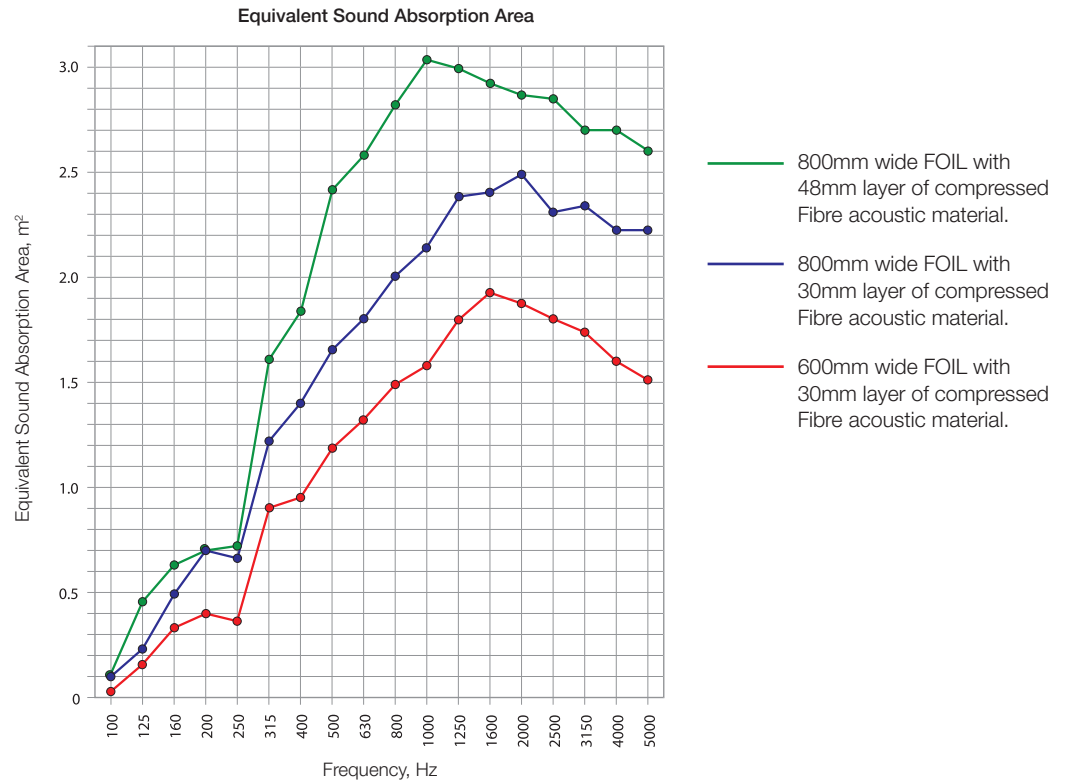
Wattage	IL@25°C	Lamp Life
1 x 21W T5	1900	24,000hrs
1 x 28W T5	2600	24,000hrs
1 x 35W T5	3300	24,000hrs
1 x 39W T5	3100	24,000hrs
1 x 49W T5	4300	24,000hrs
1 x 54W T5	4450	24,000hrs

ACOUSTIC PERFORMANCE

The FOIL has been independently tested by SRL to accurately determine its acoustic performance.

A typical 60m² classroom installation would use 9 FOIL luminaires.

If these luminaires are used in a carpeted classroom, we are able to use the data shown on this page to demonstrate that the 800mm FOIL with the 30mm absorbers would allow the room to achieve the acoustic requirement needed to reach a reverberation time of <0.8 seconds as stated in BB93.



800mm wide FOIL with 48mm layer of compressed Fibre acoustic material.

Freq Hz	T1 sec	T2 sec	Equivalent Sound Absorption Area, m ²
50*	4.59	3.99	0.4
63*	4.66	3.37	1.0
80*	3.94	3.59	0.3
100	6.17	5.83	0.1
125	6.75	5.40	0.4
160	6.46	4.83	0.6
200	6.94	4.94	0.7
250	7.03	4.98	0.7
315	6.87	3.61	1.6
400	5.92	3.13	1.8
500	5.26	2.58	2.4
630	5.12	2.46	2.6
800	5.33	2.39	2.8
1000	5.62	2.34	3.0
1250	5.56	2.34	3.0
1600	5.13	2.27	2.9
2000	4.55	2.15	2.9
2500	3.98	1.99	2.9
3150	3.33	1.81	2.7
4000	2.69	1.56	2.7
5000	2.17	1.34	2.6
6300*	1.59	1.07	2.4
8000*	1.21	0.86	2.3
10000*	0.91	0.66	2.6

800mm wide FOIL with 30mm layer of compressed Fibre acoustic material.

Freq Hz	T1 sec	T2 sec	Equivalent Sound Absorption Area, m ²
50*	4.59	4.16	0.3
63*	4.66	2.94	1.5
80*	3.94	3.40	0.5
100	6.17	5.86	0.1
125	6.75	5.98	0.2
160	6.46	5.11	0.5
200	6.94	4.95	0.7
250	7.03	5.09	0.7
315	6.87	4.08	1.2
400	5.92	3.53	1.4
500	5.26	3.08	1.7
630	5.12	2.92	1.8
800	5.33	2.84	2.0
1000	5.62	2.82	2.1
1250	5.56	2.64	2.4
1600	5.13	2.50	2.4
2000	4.55	2.28	2.5
2500	3.98	2.15	2.3
3150	3.33	1.88	2.3
4000	2.69	1.62	2.2
5000	2.17	1.35	2.2
6300*	1.59	1.07	2.0
8000*	1.21	0.82	2.3
10000*	0.91	0.64	2.4

600mm wide FOIL with 30mm layer of compressed Fibre acoustic material.

Freq Hz	T1 sec	T2 sec	Equivalent Sound Absorption Area, m ²
50*	4.59	4.61	-0.0
63*	4.66	3.69	0.7
80*	3.94	3.61	0.3
100	6.17	6.05	0.0
125	6.75	6.18	0.2
160	6.46	5.48	0.3
200	6.94	5.66	0.4
250	7.03	5.82	0.4
315	6.87	4.57	0.9
400	5.92	4.07	1.0
500	5.26	3.50	1.2
630	5.12	3.31	1.3
800	5.33	2.23	1.5
1000	5.62	3.24	1.6
1250	5.56	3.02	1.8
1600	5.13	2.77	1.9
2000	4.55	2.57	1.9
2500	3.98	2.35	1.8
3150	3.33	2.06	1.7
4000	2.69	1.75	1.6
5000	2.17	1.45	1.5
6300*	1.59	1.11	1.4
8000*	1.21	0.85	1.6
10000*	0.91	0.64	2.3

Room conditions:

Temperature: 16.2°C
 Humidity: 55%RH
 Pressure: 1008 mbar

* Denotes frequencies outside the range covered by BS EN ISO 354:2003

T1, empty room reverberation time

T2, room reverberation time with sample

800mm suspension height



Optics

- Lamp options:
 - 3000mm T5 2 x 28 or 54W lamps, with single lamps in two separate optics
 - 1500mm T5 1 x 28 or 54W
 - 900mm T5 1 x 14W or 24W
- Light distribution: 70% up and 30% down
- Downlight optic: Conical de-glaring acrylic diffuser. Provides even illumination whilst maximising light output
- Uplight optic covered by a clear acrylic sheet

Body

- IP20
- Extruded aluminium body painted silver
- Supplied with adjustable 1.5m drop suspension kit
- Luminaires are supplied complete with plug and play 4 core or 5 core through wiring
- 3 hour emergency lighting provided by means of an LED mounted in the continuous mounting kit infill panels
- Stand alone luminaires incorporate emergency with the end cap and LED Emergency Kits



LAMP PERFORMANCE

Wattage	IL@25°C	Lamp Life
1 x 14W T5	1200	24,000hrs
1 x 24W T5	1750	24,000hrs
1 x 28W T5	2600	24,000hrs
1 x 54W T5	4450	24,000hrs

ORDER CODES

3000mm Twin Inline	HF Gear
T5 2 x 28W	MEAH228
T5 2 x 54W	MEAH254
1500mm Single	HF Gear
T5 1 x 28W	MEAH128
T5 1 x 54W	MEAH154
900mm Single	HF Gear
T5 1 x 14W	MEAH114
T5 1 x 24W	MEAH124

Accessories

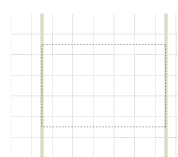
POWER FEED KIT (HIGH FREQUENCY)	MEAHPower
POWER FEED KIT (DALI DIMMING)	MEAYPower
END CAP KIT	MEAek
END CAP KIT LED EMERGENCY (HIGH FREQUENCY)	MEAekHLEM
END CAP KIT LED EMERGENCY (DALI DIMMING)	MEAekYLEM
CONTINUOUS MOUNTING KIT	MEACK
CONTINUOUS MOUNTING KIT LED EMERGENCY (HIGH FREQUENCY)	MEACKHLEM
CONTINUOUS MOUNTING KIT LED EMERGENCY (DALI DIMMING)	MEACKYLEM
CONTINUOUS MOUNTING KIT DALI ADDRESSABLE SENSOR	MEACKQAY
CONTINUOUS MOUNTING KIT DALI BROADCASTING SENSOR	MEACKQBY
T PIECE CONTINUATION KIT	MEACT
L PIECE CONTINUATION KIT	MEACL

Options

DALI DIMMING	Replace H with Y in order code	i.e. MEAY228
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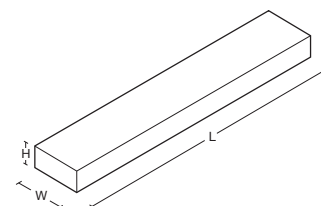
PERFORMANCE GUIDE

Lamps	Illuminance	Spacing
1 x 54W T5	510 lux	3.5m x continuous



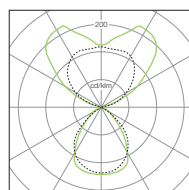
Maintenance:
0.8
Reflectance:
70/50/20
Ceiling Height:
3.0m
Working Plane:
0.8m

DIMENSIONS



Version	L	W	H	KG
2 x 28/54W	3000	151	55	9.0
1 x 28/54W	1500	151	55	4.2
1 x 14/24W	900	151	55	3.2

PHOTOMETRIC PERFORMANCE



1 x 54W T5
• LOR = 90.4%
• SHR MAX = 1.44

Utilisation Factors UF(F)

Room Reflectance	Room Index			
C	W	F	1.00	3.00
0.70	0.50	0.20	0.49	0.69
				0.75

TO SPECIFY

Suspended T5 luminaire system with slender extruded aluminium body finished silver and micro-prism diffuser. Supplied complete with through wiring provision – as Whitcroft Lighting MEDIA





vector

architectural suspended louvre lighting system

Optics

- Lamp options:
 - 1 or 2 x 28/35/49/54W T5
- Choice of light output ratios:
 - 90% down and 10% up or 70% down and 30% up on single lamp
 - 90% down and 10% up or 60% down and 40% up on twin lamp
- Zero iridescence MIRO 6 semi-specular louvre

Body

- Individual or continuous in-line mounting
- Twin adjustable stainless steel wire suspension kits included (1.5m drop standard)
- Extruded aluminium body in white or silver
- Injection moulded colour coded polycarbonate end caps (order separately)
- Injection moulded colour coded polycarbonate ceiling rose cover
- Internal wire-way for through wiring if continuously mounted



ORDER CODES

Vector	HF Gear	3 hr Emergency
T5 1 x 28W	VECW5H128##S	VECW5H128##SEMIN
T5 2 x 28W	VECW5H228##S	VECW5H228##SEMIN
T5 1 x 35W	VECW5H135##S	VECW5H135##SEMIN
T5 2 x 35W	VECW5H235##S	VECW5H235##SEMIN
T5 1 x 49W	VECW5H149##S	VECW5H149##SEMIN
T5 2 x 49W	VECW5H249##S	VECW5H249##SEMIN
T5 1 x 54W	VECW5H154##S	VECW5H154##SEMIN
T5 2 x 54W	VECW5H254##S	VECW5H254##SEMIN

Accessories

Set of 2 silver end caps	VECECS
300mm infill	VECFINF300S
600mm infill	VECFINF600S
900mm infill	VECFINF900S
1200mm infill	VECFINF1200S
2-way variable corner assembly	VEC2S
3-way variable corner assembly	VEC3S
4-way variable corner assembly	VEC4S

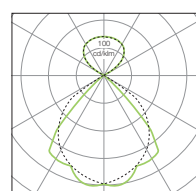
Output Variants

10% up 90% down	Replace ## with 90 in order code	i.e. VECW5H128 90 S
40% up 60% down (Twin lamp variants)	Replace ## with 60 in order code	i.e. VECW5H228 60 S
30% up 70% down (Single lamp variants)	Replace ## with 70 in order code	i.e. VECW5H128 70 S

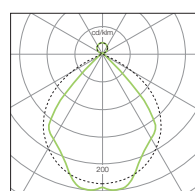
Options

DALI DIMMING	Replace H with Y in order code	i.e. VECW5 Y 128##S
DSI DIMMING	Replace H with D in order code	i.e. VECW5 D 128##S
SWITCH DIMMING	Replace H with X in order code	i.e. VECW5 X 128##S
EASYTEST	Add suffix /ET to order code	i.e. VECW5H128##S/ ET
COMMAND 4	Replace H with Q4Y in order code	i.e. VECW5 Q4Y 128##S
COMMAND 3	Replace H with Q3Y in order code	i.e. VECW5 Q3Y 128##S
WHITE FINISH	Replace S with W in order code	i.e. VECW5H128## W
COMET	Add suffix /CT to order code	i.e. VECW5H128##S/ CT

PHOTOMETRIC PERFORMANCE



1 x 35W T5 30:70
 • LOR = 96.5%
 • SHR MAX = 1.62



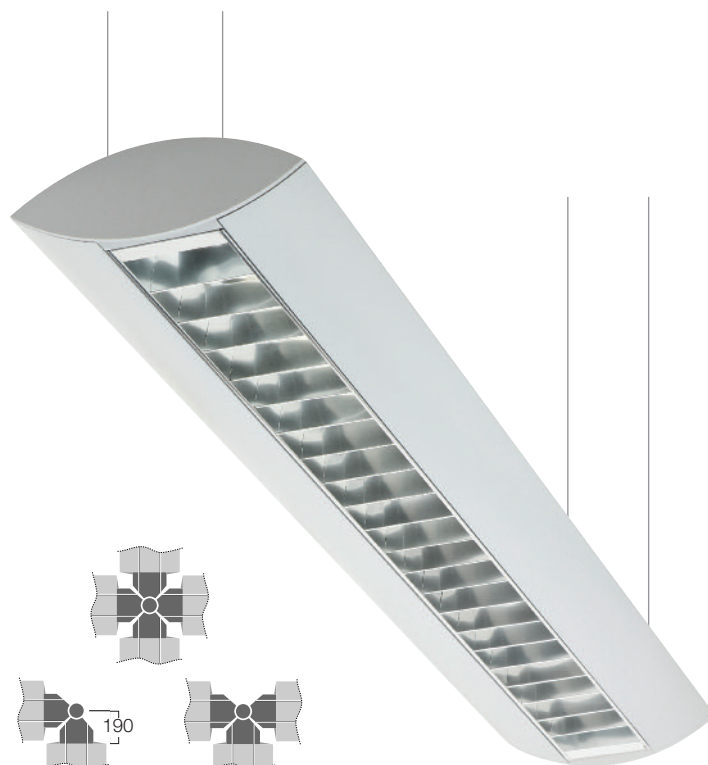
1 x 35W T5 10:90
 • LOR = 78.3%
 • SHR MAX = 1.50

Utilisation Factors UF(F)

Room Reflectance	Room Index			
C	W	F	1.00	3.00
0.70	0.50	0.20	0.69	0.88

Utilisation Factors UF(F)

Room Reflectance	Room Index			
C	W	F	1.00	3.00
0.70	0.50	0.20	0.65	0.79



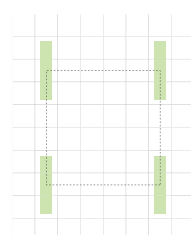
Ceiling mounting detail



2 way variable corner assembly

PERFORMANCE GUIDE

Lamps	Illuminance	Spacing
2 x 35W T5	540 lux	3.0m x 3.0m

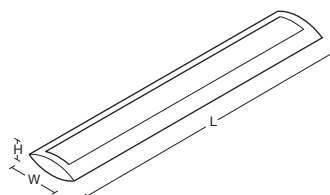


Maintenance:
0.8
 Reflectance:
70/50/20
 Ceiling Height:
2.7m
 Working Plane:
0.8m

LAMP PERFORMANCE

Wattage	IL@25°C	Lamp Life
1 x 28W T5	2600	24,000hrs
1 x 35W T5	3300	24,000hrs
1 x 49W T5	4300	24,000hrs
1 x 54W T5	4450	24,000hrs

DIMENSIONS



Version	L	W	H	KG	KG
28/54W	1208	222	75	4.5	5.5
35/49W	1508	222	75	5.2	6.2

TO SPECIFY

Suspended T5 fluorescent luminaire with direct: indirect lighting ratios of 10:90, 30:70 (40:60 on twin lamp). Body to be in extruded aluminium, end caps and ceiling roses to be colour coded with luminaire body. Width and depth not to exceed 222mm and 75mm respectively, control gear and emergency to be integral – as Whitecroft Lighting VECTOR

fraktion

architectural micro prism luminaire

> weblink > **FRK**

Optics

- Lamp options:
 - 2 x 35/49W T5
- Micro Prism acrylic diffuser. Provides even illumination whilst maximising light output

Body

- Sheet steel body finished silver
- Supplied with adjustable 1.5m wire suspension kit
- Knife edge detail body to give ultra thin appearance



ORDER CODES

Fraktion	HF Gear	3 hr Emergency
T5 2 x 35W	FRKH235	FRKH235EM
T5 2 x 49W	FRKH249	FRKH249EM

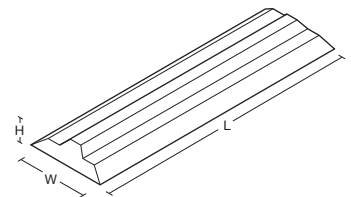
Options

DALI DIMMING	Replace H with Y in order code	i.e. FRK Y 235
DSI DIMMING	Replace H with D in order code	i.e. FRK D 235
SWITCH DIMMING	Replace H with X in order code	i.e. FRK X 235
EASYTEST	Add suffix /ET to order code	i.e. FRKH235/ ET

LAMP PERFORMANCE

Wattage	IL@25°C	Lamp Life
1 x 35W T5	3300	24,000hrs
1 x 49W T5	4300	24,000hrs

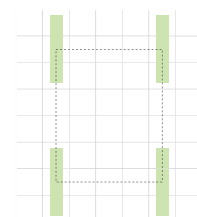
DIMENSIONS



L	W	H	KG	KG
1634	345	41	11.0	12.0

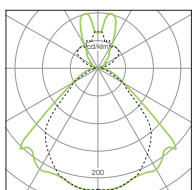
PERFORMANCE GUIDE

Lamps	Illuminance	Spacing
2 x 35W T5	550 lux	3.0m x 2.4m



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

PHOTOMETRIC PERFORMANCE



- 2 x 49W T5
- LOR = 75.1%
 - SHR MAX = 1.82

Utilisation Factors UF(F)

Room Reflectance			Room Index		
C	W	F	1.00	3.00	5.00
0.70	0.50	0.20	0.53	0.70	0.74

TO SPECIFY

Linear pendant luminaire with micro prism controller and knife edge detail on body for ultra thin appearance – as Whitecroft Lighting FRAKTION





orias

architectural suspended lighting system

Optics

- Lamp options:
 - 1 or 2 x 28/35/49/54W T5
 - 1 x 80W T5
- Wedge blade VDT semi-specular louvre or opal acrylic diffuser
- Controlled light distribution: 80% down and 20% up

Body

- Slim depth, extruded aluminium body, painted white or silver
- Hinged steel gear tray enables easy access for maintenance
- Mounting by means of a wire suspension kit (up to 1.5m drop) or close mount bracket kit. Kits to be ordered separately
- Injection moulded polycarbonate end caps. (to be ordered separately)
- Can be continuously mounted with the use of a kit (to be ordered separately). The continuous mounting caps have U shaped channels to facilitate easy through wiring
- Infill options available. Includes version with Command 4 sensor mounted in infill
- Product also available as surface version with downlight only distribution. See page 130



ORDER CODES

Wedge Louvre	HF Gear	3 hr Emergency
T5 1 x 28W	ORPWH128W	ORPWH128WEM
T5 1 x 35W	ORPWH135W	ORPWH135WEM
T5 1 x 49W	ORPWH149W	ORPWH149WEM
T5 1 x 54W	ORPWH154W	ORPWH154WEM
T5 1 x 80W	ORPWH180W	ORPWH180WEM
T5 2 x 28W	ORPWH228W	ORPWH228WEM
T5 2 x 35W	ORPWH235W	ORPWH235WEM
T5 2 x 49W	ORPWH249W	ORPWH249WEM
T5 2 x 54W	ORPWH254W	ORPWH254WEM

Accessories

	Single Lamp Body	Twin Lamp Body
Wire Suspension Kit***		ORPSUSKIT
Close Mount Bracket Kit	ORPSGCMB	ORPTWCMB
End Caps (Pair)	ORSGCAPW	ORTWCAPW
Continuous Mount Kit	ORSGCMKW	ORTWCMKW
300mm Infill	ORSGINF300W	ORTWINF300W
600mm Infill	ORSGINF600W	ORTWINF600W
900mm Infill	ORSGINF900W	ORTWINF900W
1200mm Infill	ORSGINF1200W	ORTWINF1200W
1500mm Infill	ORSGINF1500W	ORTWINF1500W

Options

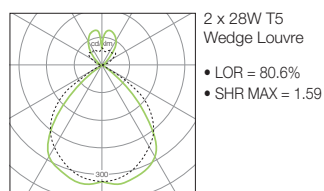
DALI DIMMING	Replace H with Y in order code	i.e. ORPW Y 128W
DSI DIMMING	Replace H with D in order code	i.e. ORPW D 128W
SWITCH DIMMING	Replace H with X in order code	i.e. ORPW X 128W
COMMAND 4*	Replace H with Q4Y in order code	i.e. ORPW Q4Y 128W
COMMAND 4 INFILL**	Add suffix /Q4Y to infill order code	i.e. ORSGINF300W/ Q4Y
EASYTEST	Add suffix /ET to order code	i.e. ORPWH128W/ ET
COMET	Add suffix /CT to order code	i.e. ORPWH128W/ CT
SILVER FINISH	Replace W with S in order code	i.e. ORPWH128 S
DIFFUSER	Replace W after ORP with D in order code	i.e. ORP D H128W

*A Command 4 luminaire is supplied as a single luminaire including two end caps, one of which has an integrated Command 4 sensor

**The integrated sensor infill can only be used with DALI luminaires and control one or two luminaires only

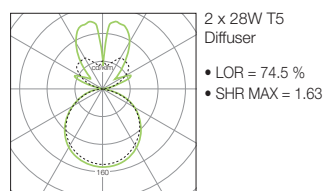
***One kit required for each luminaire and each infill 1200mm or longer

PHOTOMETRIC PERFORMANCE



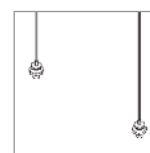
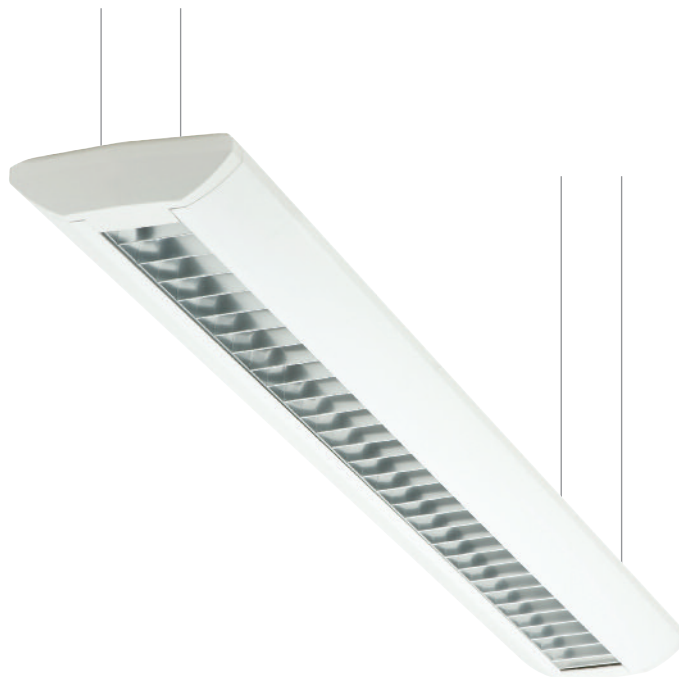
Utilisation Factors UF(F)

Room Reflectance	Room Index	
C W F	1.00 3.00 5.00	
0.70 0.50 0.20	0.60 0.76 0.80	

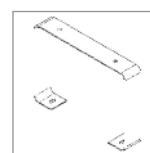


Utilisation Factors UF(F)

Room Reflectance	Room Index	
C W F	1.00 3.00 5.00	
0.70 0.50 0.20	0.43 0.62 0.67	



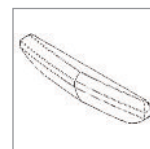
Wire suspension
ORPSUSKIT



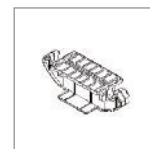
Close mount kit
Single ORPSGCMB
Twin ORPTWCMB



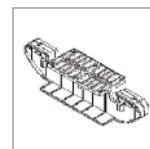
Single end cap
ORSGCAPW



Twin end cap
ORTWCAPW



Single continuous
mount
ORSGCMKW



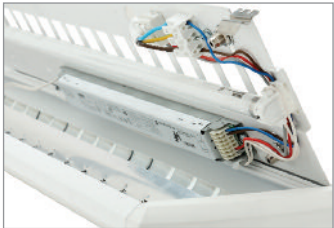
Twin continuous
mount
ORTWCMKW



Continuous mount kit



Sensor infill



Hinge detail



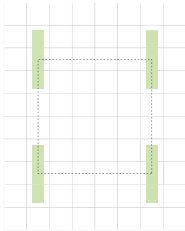
Louvre



Diffuser

PERFORMANCE GUIDE

Lamps	Illuminance	Spacing
2 x 35W T5	520 lux	3.0m x 3.0m

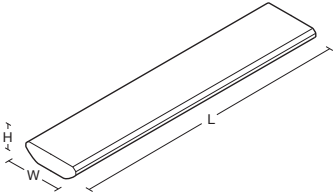


Maintenance:
0.8
Reflectance:
70/50/20
Ceiling Height:
2.7m
Working Plane:
0.8m

LAMP PERFORMANCE

Wattage	IL@25°C	Lamp Life
1 x 28W T5	2600	24,000hrs
1 x 35W T5	3300	24,000hrs
1 x 49W T5	4300	24,000hrs
1 x 54W T5	4450	24,000hrs
1 x 80W T5	6150	24,000hrs

DIMENSIONS



Version	L	W	H	KG	KG
1 x 28/54W	1234	173	51	3.8	4.3
2 x 28/54W	1234	238	51	4.2	4.7
1 x 35/49/80W	1534	173	51	4.8	5.3
2 x 35/49W	1534	238	51	5.2	5.7

TO SPECIFY

Suspended architectural T5 luminaire system, with 51mm depth extruded aluminium body painted white or silver, with wedge louvre or opal acrylic diffuser. Easy maintenance via hinged body and gear tray – as Whitecroft Lighting ORIAS



glide

architectural suspended luminaire

> weblink > **GLIW**

Optics

- Lamp options:
 - 1 or 2 x 28/35/49/54W T5
- MIRO 6 semi-specular louvre
- Light distribution, 80% down and 20% up

Body

- Steel body finished white or silver
- Low profile body designed for individual mounting
- Includes a 2 wire adjustable (max 1.5m) suspension kit with polycarbonate colour coded ceiling cover



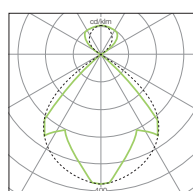
ORDER CODES

Glide	HF Gear	3 hr Emergency
T5 1 x 28W	GLIW5H128S	GLIW5H128SEMIN
T5 2 x 28W	GLIW5H228S	GLIW5H228SEMIN
T5 1 x 35W	GLIW5H135S	GLIW5H135SEMIN
T5 2 x 35W	GLIW5H235S	GLIW5H235SEMIN
T5 1 x 49W	GLIW5H149S	GLIW5H149SEMIN
T5 2 x 49W	GLIW5H249S	GLIW5H249SEMIN
T5 1 x 54W	GLIW5H154S	GLIW5H154SEMIN
T5 2 x 54W	GLIW5H254S	GLIW5H254SEMIN

Options

DALI DIMMING	Replace H with Y in order code	i.e. GLIW5 Y 128S
DSI DIMMING	Replace H with D in order code	i.e. GLIW5 D 128S
SWITCH DIMMING	Replace H with X in order code	i.e. GLIW5 X 128S
COMMAND 4	Replace H with Q4Y in order code	i.e. GLIW5 Q4Y 128S
EASYTEST	Add suffix /ET to order code	i.e. GLIW5H128S/ ET
COMET	Add suffix /CT to order code	i.e. GLIW5H128S/ CT
WHITE FINISH	Replace S with W in order code	i.e. GLIW5H128 W

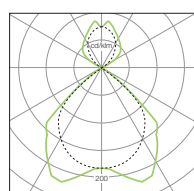
PHOTOMETRIC PERFORMANCE



- LOR = 81%
- SHR MAX = 1.54

Utilisation Factors UF(F)

Room Reflectance			Room Index		
C	W	F	1.00	3.00	5.00
0.70	0.50	0.20	0.61	0.77	0.81



- LOR = 60%
- SHR MAX = 1.31

Utilisation Factors UF(F)

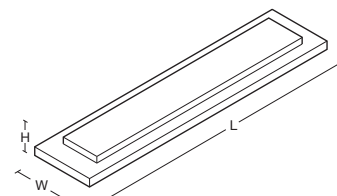
Room Reflectance			Room Index		
C	W	F	1.00	3.00	5.00
0.70	0.50	0.20	0.40	0.54	0.58



LAMP PERFORMANCE

Wattage	IL@25°C	Lamp Life
1 x 28W T5	2600	24,000hrs
1 x 35W T5	3300	24,000hrs
1 x 49W T5	4300	24,000hrs
1 x 54W T5	4450	24,000hrs

DIMENSIONS



Version	L	W	H	KG	KG/m²
28/54W	1330	250	58	7.0	8.0
35/49W	1630	250	58	7.0	8.0

PERFORMANCE GUIDE

Lamps	Illuminance	Spacing
2 x 54W T5	500 lux	3.0m x 3.0m

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

TO SPECIFY

Suspended T5 fluorescent luminaire with direct/indirect lighting ratio 80% down and 20% up. Positively retained MIRO 6 zero iridescence louvre and integral gear on a detachable tray. 58mm deep. Adjustable twin wire suspension with injection moulded polycarbonate ceiling rose cover – as Whitecroft Lighting GLIDE



atlanta

fluorescent and HID architectural high bay

> weblink > **ATLA**

Optics

- Lamp options:
 - 250W or 400W high output open fixture rated Venture metal halide with superior lumen maintenance
 - 4 x 42W TC-T high frequency gear or dimming

Body

- Four piece extruded aluminium housing
- Silver grey polyester powder paint finish
- Fixing bracket suitable for hook, 20mm conduit or BESA fix
- Optional adjustable suspension kit available (3m max)
- Flying lead with 3 pin plug connector
- High ambient temperature operation up to 40°C



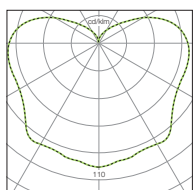
ORDER CODES

Atlanta	Gear Box	3 hr Emergency
HQI-E 1 x 250W	AT250V-1	-
HQI-E 1 x 250W (250W TH Auxillary)	AT250VX1	-
HQI-E 1 x 400W	AT400V-1	-
HQI-E 1 x 400W (250W TH Auxillary)	AT400VX1	-
TC-T 4 x 42W HF	AT442F-1	AT442F-1EMIN
TC-T 4 x 42W DALI	AT442F-1Y	AT442F-1YEMIN
TC-T 4 x 42W DSI	AT442F-1D	AT442F-1DEMIN
TC-T 4 x 42W Switch dim	AT442F-1X	AT442F-1XEMIN

Options

EASYTEST (4 X 42W ONLY)	Add suffix /ET to order code	i.e. AT442F-1/ ET
COMET (4 X 42W ONLY)	Add suffix /CT to order code	i.e. AT442F-1/ CT
METAL REFLECTOR 417mm Ø		AT45
ACRYLIC REFRACTOR 417mm Ø		AT40
ACRYLIC REFRACTOR 570mm Ø		AT50
3M SUSPENSION KIT		ATSUSKIT

PHOTOMETRIC PERFORMANCE

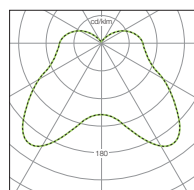


1 x 400W HQI-E
Acrylic Refractor

- LOR = 83.4%
- SHR MAX = 1.79

Utilisation Factors UF(F)

Room Reflectance			Room Index		
C	W	F	1.00	3.00	5.00
0.70	0.50	0.20	0.43	0.64	0.72



4 x 42W TC-T
Acrylic Refractor

- LOR = 87.8%
- SHR MAX = 2.32

Utilisation Factors UF(F)

Room Reflectance			Room Index		
C	W	F	1.00	3.00	5.00
0.70	0.50	0.20	0.47	0.72	0.80

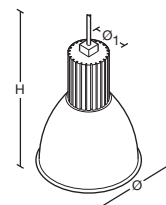


Metal reflector

LAMP PERFORMANCE

Wattage	IL@25°C	Lamp Life
1 x 42W TC-T	3200	12,000hrs
1 x 250W HQI-E	23500	20,000hrs
1 x 400W HQI-E	40000	20,000hrs

DIMENSIONS



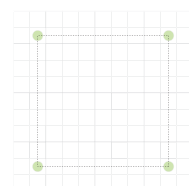
Version	Ø	Ø ₁	H	KG	KG
AT40/45	417	206	558	*	**
AT50	570	206	622	*	**

*Maximum weight 8.5KG

**Emergency option only available for 4 x 42W TC-T version

PERFORMANCE GUIDE

Lamps	Illuminance	Spacing
4 x 42W TC-T	330 lux	4.0m x 4.0m



Maintenance:
0.8
Reflectance:
70/50/20
Ceiling Height:
10.0m
Working Plane:
0.0m

TO SPECIFY

Suspended architectural high bay with extruded aluminium gear housing and aluminium/acrylic refractor – as Whitecroft Lighting ATLANTA



atlanta junior

> weblink > **ATJ**

Optics

- Lamp options:
 - 57W TC-T
 - 85W PL-H
 - 70W CDM-T
 - 150W CDM-T

Body

- One piece extruded aluminium housing finished silver grey
- U bracket suitable for hook or 20mm conduit option as standard
- Optional adjustable suspension kit available (3m max)
- Rapid installation
- Ambient temperature operation up to 30°C
- 315mm Ø opal or clear prismatic acrylic refractor
- 315mm Ø spun aluminium reflector with etched inner surface



Spun aluminium reflector



Opal prismatic refractor

ORDER CODES

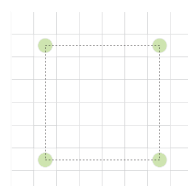
Atlanta Junior	Clear Refractor	Aluminium Reflector	Opal Refractor
TC-T 1 x 57W	ATJ30-F57-1	ATJ35-F57-1	ATJ32-F57-1
PL-H 1 x 85W	ATJ30-F85-1	ATJ35-F85-1	ATJ32-F85-1
CDM-T 1 x 70W	ATJ30-C70-1	ATJ35-C70-1	ATJ32-C70-1
CDM-T 1 x 150W	ATJ30-C150-1	ATJ35-C150-1	ATJ32-C150-1

Options

3HR EMERGENCY Add suffix **/EMIN** to order code i.e. ATJ30-F57-1/**EMIN**
 Note: Emergency version only available on TC-T 1 x 57W
 3M SUSPENSION KIT **ATJSUSKIT**

PERFORMANCE GUIDE

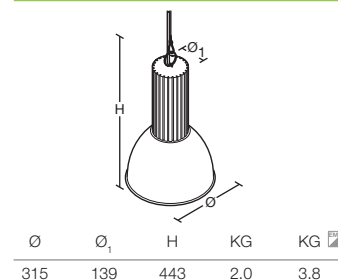
Lamps	Illuminance	Spacing
1 x 57W TC-T	290 lux	3.0m x 3.0m



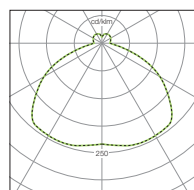
LAMP PERFORMANCE

Wattage	IL@25°C	Lamp Life
1 x 57W TC-T	4300	12,000hrs
1 x 85W PL-H	6000	18,000hrs
1 x 70W CDM-T	6600	12,000hrs
1 x 150W CDM-T	14000	12,000hrs

DIMENSIONS

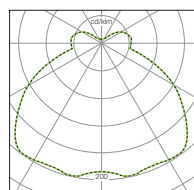


PHOTOMETRIC PERFORMANCE



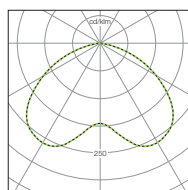
Utilisation Factors UF(F)

Room Reflectance			Room Index		
C	W	F	1.00	3.00	5.00
0.70	0.50	0.20	0.59	0.83	0.90



Utilisation Factors UF(F)

Room Reflectance			Room Index		
C	W	F	1.00	3.00	5.00
0.70	0.50	0.20	0.59	0.83	0.90



Utilisation Factors UF(F)

Room Reflectance			Room Index		
C	W	F	1.00	3.00	5.00
0.70	0.50	0.20	0.54	0.82	0.89

TO SPECIFY

Surface/suspended architectural low bay with extruded aluminium gear housing and clear or opal acrylic refractor or aluminium reflector – as Whitecroft Lighting ATLANTA JUNIOR

convor

high output circular pendant

> weblink > **CON**

Optics

- Lamp options:
 - 4 x 26W TC-D
 - 1 x 60W T5-C
 - 4 x 17W PLR-ECO
- Micro polymer diffuser option in polycarbonate for applications where impact resistance is important

Body

- Two part spun steel body finished silver and injection moulded gear tray, providing thermal management
- IP40
- Optional extruded and rolled aluminium bezel
- Optional acrylic feature ring available
- Suspension by 3 wire suspension kit supplied separately. Adjustable drop to 3m
- Integral emergency versions due to superior thermal management construction



ORDER CODES

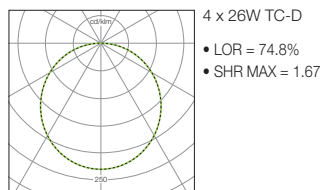
Convor	HF Gear	3 hr Emergency
TC-D 4 x 26W	CNVAH426	CNVAH426EM
T5-C 1 x 60W	CNVAH160	CNVAH160EM
PLR-ECO 4 x 17W	CNVAH417	CNVAH417EM

Options

DALI DIMMING	Replace H with Y in order code	i.e. CNV Y A426
DSI DIMMING*	Replace H with D in order code	i.e. CNV D A426
SWITCH DIMMING*	Replace H with X in order code	i.e. CNV X A426
EASYTEST*	Add suffix /ET to order code	i.e. CNVAH426/ ET
COMET	Add suffix /CT to order code	i.e. CNVAH426/ CT
SUSPENSION KIT		CNVSUSKIT
POLYCARBONATE DIFFUSER	Replace A with P in order code	CNV P H426
FEATURE RING		CNVFR
BEZEL		CNVBEZ

*Not available for PLR-ECO 4 x 17W

PHOTOMETRIC PERFORMANCE



Utilisation Factors UF(F)

Room Reflectance			Room Index		
C	W	F	1.00	3.00	5.00
0.70	0.50	0.20	0.47	0.68	0.74



Feature ring



Extruded aluminium bezel

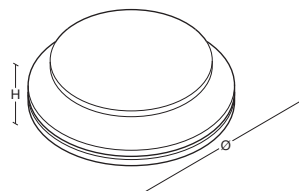


Standard bezel

LAMP PERFORMANCE

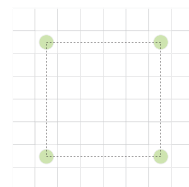
Wattage	IL@25°C	Lamp Life
1 x 26W TC-D	1800	12,000hrs
1 x 60W T5-C	5000	12,000hrs
1 x 17W PLR-ECO	1250	19,000hrs

DIMENSIONS



PERFORMANCE GUIDE

Lamps	Illuminance	Spacing
4 x 26W TC-D	520 lux	3.0m x 3.0m



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

Version	Ø	H	KG	KG
Standard	538	168	7.9	8.9
Bezel	596	168	8.4	9.4
Feature ring	680	168	8.1	9.1

TO SPECIFY

High output circular IP40 luminaire with micro polymer diffuser in acrylic. Two part body with thermal management to allow integral self contained emergency option – as Whitecroft Lighting CONVOR

buzzito

> weblink > **BUZS**

Optics

- Lamp options:
 - 1 x 18W TC-D
- Circular polycarbonate diffuser
- The solid translucent polycarbonate diffuser guarantees even light dispersion and fades out the shape of the lamp

Body

- Suspended
- Maximum suspension drop 2000mm
- Extruded plain anodised aluminium body
- Slim anodised aluminium bracket holds a polycarbonate diffuser in which the lamps are housed



ORDER CODES

Buzzito Suspended

HF Gear

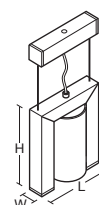
TC-D 1 X 18W

WACO880.42.1.20.1

LAMP PERFORMANCE

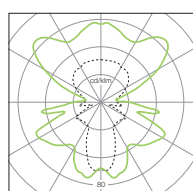
Wattage	IL@25°C	Lamp Life
1 x 18W TC-D	1200	12,000hrs

DIMENSIONS



L	Ø	H	KG
218	133	267	0.7

PHOTOMETRIC PERFORMANCE



- 1 x 18W TC-D
- LOR = 47.9%
 - SHR MAX = 1.80

Utilisation Factors UF(F)

Room Reflectance			Room Index		
C	W	F	1.00	3.00	5.00
0.70	0.50	0.20	0.51	0.68	0.76

TO SPECIFY

Suspended compact luminaire with an anodised aluminium body and circular polycarbonate diffuser – as Whitecroft Lighting BUZZITO SUSPENDED

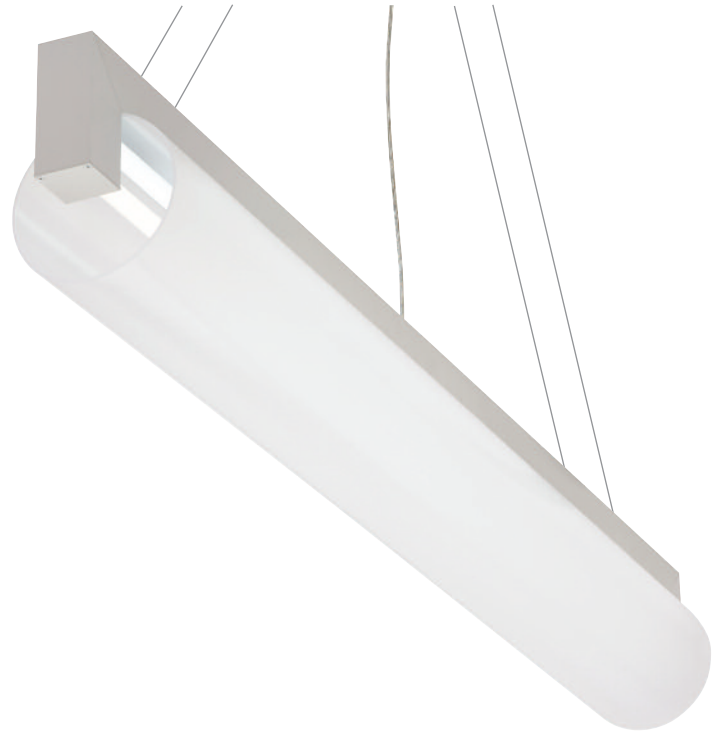


Optics

- Lamp options:
 - 2 x 28/54W T5 multi watt control gear
- Circular polycarbonate diffuser
- The solid translucent polycarbonate diffuser guarantees even light dispersion and fades out the shape of the lamp

Body

- Suspended
- Maximum suspension drop 2000mm
- Extruded plain anodised aluminium body
- Slim anodised aluminium bracket holds a polycarbonate diffuser in which the lamps are housed



ORDER CODES

Buuze	HF Gear
T5 2 x 28/54W	WACO880.03.2.20.1
Options	
POLYCARBONATE END CAPS	WACO880.08.0.00.0
ANODISED ALUMINIUM END CAPS	WACO880.09.0.20.0

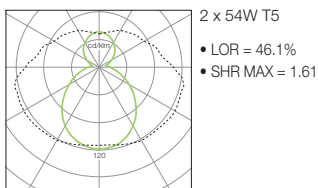
LAMP PERFORMANCE

Wattage	IL@25°C	Lamp Life
1 x 28W T5	2600	24,000hrs
1 x 54W T5	4450	24,000hrs

DIMENSIONS

L	Ø	H	KG
1186	133	175	2.9

PHOTOMETRIC PERFORMANCE



Utilisation Factors UF(F)

Room Reflectance			Room Index		
C	W	F	1.00	3.00	5.00
0.70	0.50	0.20	0.61	0.82	0.89

TO SPECIFY

Suspended linear luminaire with an anodised aluminium body and circular polycarbonate diffuser – as Whitecroft Lighting BUUZE



reaktor

architectural multi source pendant luminaire

> weblink > **REAK**

Optics

- Reflector source (Diagram A)
 - 60W/120W PL-H multi watt control gear
- Outer housing source (Diagram B)
 - 2 x 26/32/42W TC-D/TC-T multi watt control gear
 - RGB LED
- Outer housing cylinder in translucent polycarbonate

Body

- Anodised aluminium, installation ceiling canopy
- Separate controls allow independant control of Reflector source and outer housing source
- IP40
- Stainless steel suspension system up to 6000mm with fine tuning devices built into the canopy to allow for accurate positioning
- Toughened glass cover
- LED emergency head integrated into body frame

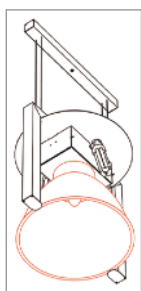


Diagram A – reflector source

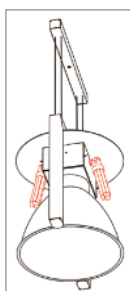


Diagram B – outer housing source



RGB outer housing source

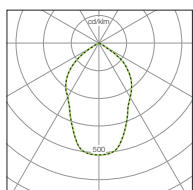


Fluorescent outer housing source

ORDER CODES

Fluorescent Outer Housing Source	HF Gear	3 hr Emergency
TC-D/TC-T 2 x 26/32/42W	WACO850.01.FB.20.0	WACO850.11.FB.20.0
RGB Outer Housing Source		
RGB LED	WACO850.03.FB.20.0	WACO850.13.FB.20.0

PHOTOMETRIC PERFORMANCE



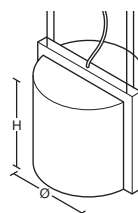
1 x 60W PL-H
(Reflector Source Only)

- LOR = 73.5%
- SHR MAX = 1.42

Utilisation Factors UF(F)

Room Reflectance			Room Index		
C	W	F	1.00	3.00	5.00
0.70	0.50	0.20	0.53	0.76	0.81

DIMENSIONS



Ø	H	KG
538	505	6.0

TO SPECIFY

Architectural pendant luminaire with aluminium reflector covered by translucent polycarbonate shade – as Whitecroft Lighting REAKTOR



iceberg

square decorative pendant luminaire

> weblink > **ICE**

Optics

- Lamp options:
 - 1 x 55W T5-C
- Opal white polypropylene shade masking the lamp image

Body

- Maximum suspension drop 2000mm
- 4 point adjustable wire suspension kit as standard
- Mains feed cable with ceiling rose
- IP40



ORDER CODES

Iceberg Suspension

HF Gear

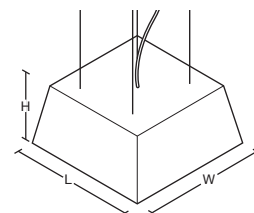
T5-C 1 x 55W

WACO903.12.2.03.1

LAMP PERFORMANCE

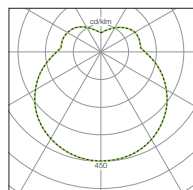
Wattage	IL@25°C	Lamp Life
1 x 55W T5-C	4200	12,000hrs

DIMENSIONS



L	W	H	KG
435	435	190	3.6

PHOTOMETRIC PERFORMANCE



- 1 x 55W T5-C
- LOR = 71.1%
 - SHR MAX = 1.54

Utilisation Factors UF(F)

Room Reflectance			Room Index		
C	W	F	1.00	3.00	5.00
0.70	0.50	0.20	0.62	0.46	0.35

TO SPECIFY

Square decorative pendant luminaire with opal polypropylene shade and 4 point wire suspension – as Whitecroft Lighting ICEBERG