

CF5

Series

Shallow Curved Profile Surface Luminaires Utilising T5 Lamp Technology

CI-SfB 1976 reference by SfB Agency

(63) x

FEBRUARY 2006



White Louvre
with white cross vanes



Reflector Louvre
with profiled cross vanes



Wedge Louvre



Prismatic Polycarbonate Panels



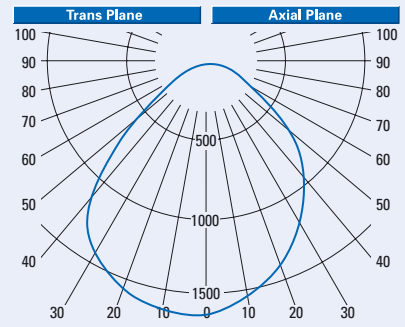
Fluorel Lighting



CF5WL

Photometric Data
Test No 188/LMT/HEVA
Light Output Ratio Up.00 Down.55 Total.55
SHR MAX 1.59 SHR Trans 1.77

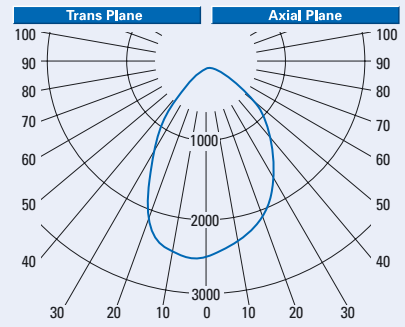
Utilisation Factors UF(F)				SHR NOM = 1.50							
Room Reflectances			Room Index								
C	W	F	.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00
.70	.50	.20	.38	.43	.46	.49	.52	.54	.56	.58	.59
.30	.35	.39	.43	.46	.49	.52	.54	.56	.58	.58	.58
.10	.32	.36	.40	.43	.47	.50	.52	.54	.56	.56	.56
.50	.50	.20	.37	.42	.45	.47	.50	.52	.54	.56	.57
.30	.34	.38	.42	.45	.48	.50	.52	.54	.56	.56	.56
.10	.32	.36	.40	.43	.46	.49	.50	.53	.54	.54	.54
.30	.50	.20	.37	.41	.44	.46	.49	.51	.52	.54	.55
.30	.34	.38	.41	.44	.47	.49	.51	.52	.54	.54	.54
.10	.32	.36	.39	.42	.45	.48	.49	.51	.52	.53	.53
00	00	00	.31	.35	.38	.40	.44	.46	.47	.49	.50
BZ Class			2	2	2	2	2	2	2	2	2



CF5R

Photometric Data
Test No 192/LMT/HEVA
Light Output Ratio Up.00 Down.58 Total.58
SHR MAX 1.18 SHR Trans 1.20

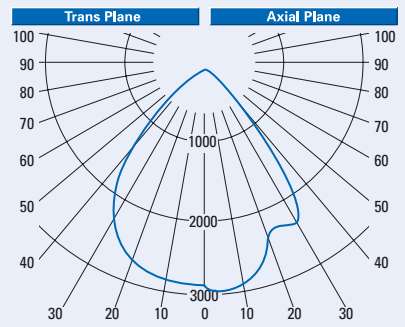
Utilisation Factors UF(F)				SHR NOM = 1.00							
Room Reflectances			Room Index								
C	W	F	.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00
.70	.50	.20	.41	.46	.49	.52	.55	.57	.59	.61	.62
.30	.37	.43	.46	.49	.53	.55	.57	.59	.61	.61	.61
.10	.34	.40	.44	.46	.50	.53	.55	.58	.59	.59	.59
.50	.50	.20	.40	.45	.48	.50	.54	.56	.57	.59	.60
.30	.37	.42	.45	.48	.51	.54	.55	.57	.59	.59	.59
.10	.34	.40	.43	.46	.49	.52	.54	.56	.57	.57	.57
.30	.50	.20	.39	.44	.47	.49	.52	.54	.55	.57	.58
.30	.36	.41	.45	.47	.50	.52	.54	.55	.57	.57	.57
.10	.34	.39	.43	.45	.49	.51	.52	.54	.56	.56	.56
00	00	00	.33	.38	.41	.44	.47	.49	.50	.52	.53
BZ Class			2	2	2	2	2	2	2	2	2



CF5L

Photometric Data
Test No LCL6135
Light Output Ratio Up.00 Down.61 Total.61
SHR MAX 1.52 SHR Trans 1.58

Utilisation Factors UF(F)				SHR NOM = 1.25							
Room Reflectances			Room Index								
C	W	F	.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00
.70	.50	.20	.51	.55	.58	.60	.62	.64	.65	.66	.67
.30	.49	.53	.56	.58	.60	.62	.63	.65	.66	.66	.66
.10	.47	.51	.54	.56	.59	.61	.62	.64	.65	.65	.65
.50	.50	.20	.51	.54	.57	.59	.61	.62	.63	.64	.65
.30	.48	.52	.55	.57	.59	.61	.62	.63	.64	.64	.64
.10	.46	.50	.53	.55	.58	.59	.61	.62	.63	.63	.63
.30	.50	.53	.56	.57	.59	.60	.61	.62	.63	.63	.63
.30	.49	.51	.54	.56	.58	.59	.60	.61	.62	.62	.62
.10	.46	.50	.52	.54	.57	.58	.59	.60	.61	.61	.61
00	00	00	.45	.49	.51	.53	.55	.56	.57	.58	.58
BZ Class			2	2	2	2	2	2	2	2	2



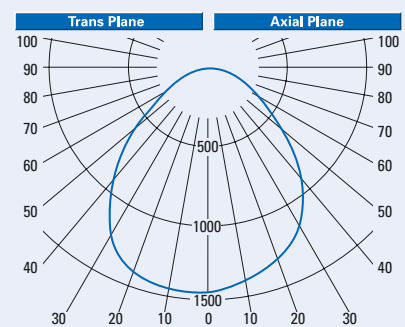
Results shown for specular louvre



CF5P

Photometric Data
Test No 200/LMT/HEVA
Light Output Ratio Up.00 Down.50 Total.50
SHR MAX 1.54 SHR Trans 1.71

Utilisation Factors UF(F)				SHR NOM = 1.50							
Room Reflectances			Room Index								
C	W	F	.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00
.70	.50	.20	.35	.39	.42	.44	.47	.49	.50	.52	.53
.30	.31	.35	.39	.41	.44	.47	.48	.50	.52	.52	.52
.10	.29	.33	.36	.39	.42	.45	.47	.49	.51	.51	.51
.50	.50	.20	.34	.38	.41	.43	.45	.47	.49	.50	.51
.30	.31	.35	.38	.40	.43	.45	.47	.49	.50	.50	.50
.10	.29	.33	.36	.38	.42	.44	.45	.48	.49	.49	.49
.30	.50	.20	.33	.37	.40	.41	.44	.46	.47	.48	.49
.30	.31	.34	.37	.39	.42	.44	.46	.47	.48	.48	.48
.10	.29	.32	.36	.38	.41	.43	.44	.46	.48	.48	.48
00	00	00	.28	.31	.34	.36	.39	.41	.42	.44	.45
BZ Class			2	2	2	2	2	2	3	3	3



White Louvre

Part Numbers

Lamp	Nominal Length	Single	Twin	3 Lamp	4 Lamp
14w	600mm			CF5WL314L	CF5WL414L
24w	600mm			CF5WL324L	CF5WL424L
21w	900mm	CF5WL121L	CF5WL221L		
39w	900mm	CF5WL139L	CF5WL239L		
28w	1200mm	CF5WL128L	CF5WL228L	CF5WL328L	CF5WL428L
54w	1200mm	CF5WL154L	CF5WL254L	CF5WL354L	CF5WL454L
35w	1500mm	CF5WL135L	CF5WL235L		
49w	1500mm	CF5WL149L	CF5WL249L		

Length and lamp configurations not shown are available on application. All luminaires are supplied with lamps. Integral emergency available: suffix /EMG. 600 x 900 Safe and Twin Emergency are not available.

Reflector Louvre

Part Numbers

Lamp	Nominal Length	Single	Twin	3 Lamp	4 Lamp
14w	600mm			CF5R314L	CF5R414L
24w	600mm			CF5R324L	CF5R424L
21w	900mm	CF5R121L	CF5R221L		
39w	900mm	CF5R139L	CF5R239L		
28w	1200mm	CF5R128L	CF5R228L	CF5R328L	CF5R428L
54w	1200mm	CF5R154L	CF5R254L	CF5R354L	CF5R454L
35w	1500mm	CF5R135L	CF5R235L		
49w	1500mm	CF5R149L	CF5R249L		

Length and lamp configurations not shown are available on application. All luminaires are supplied with lamps. Integral emergency available: suffix /EMG. 600 x 900 Safe and Twin Emergency are not available.

Specular Wedge Louvre

Part Numbers

Lamp	Nominal Length	Single	Twin	3 Lamp	4 Lamp
14w	600mm			CF5L314L	CF5L414L
24w	600mm			CF5L324L	CF5L424L
21w	900mm	CF5L121L	CF5L221L		
39w	900mm	CF5L139L	CF5L239L		
28w	1200mm	CF5L128L	CF5L228L	CF5L328L	CF5L428L
54w	1200mm	CF5L154L	CF5L254L	CF5L354L	CF5L454L
35w	1500mm	CF5L135L	CF5L235L		
49w	1500mm	CF5L149L	CF5L249L		

Length and lamp configurations not shown are available on application. All luminaires are supplied with lamps. Integral emergency available: suffix /EMG. 600 x 900 Safe and Twin Emergency are not available.

Prismatic Polycarbonate Panel

Part Numbers

Lamp	Nominal Length	Single	Twin	3 Lamp	4 Lamp
14w	600mm			CF5P314L	CF5P414L
24w	600mm			CF5P324L	CF5P424L
21w	900mm	CF5P121L	CF5P221L		
39w	900mm	CF5P139L	CF5P239L		
28w	1200mm	CF5P128L	CF5P228L	CF5P328L	CF5P428L
54w	1200mm	CF5P154L	CF5P254L	CF5P354L	CF5P454L
35w	1500mm	CF5P135L	CF5P235L		
49w	1500mm	CF5P149L	CF5P249L		

Length and lamp configurations not shown are available on application. All luminaires are supplied with lamps. Integral emergency available: suffix /EMG. 600 x 900 Safe and Twin Emergency are not available.

Continuous Mounting

The CF5 series is designed to be either individually mounted or continuously mounted.

They can be fixed directly to a ceiling or suspended on high tech single wire 'easy level' suspension system. Various junction boxes can be made to order and uplighting facility provided in the body if required.

Single continuous fittings with corner box



Options

- Individually mounted
- Continuous mounted for single and twin lamp
- Surface mounted or suspended
- Single wire 'easy level' suspension system - up to 2m adjustment (longer to special order)
- Uplighting facility for suspended options available
- Corner junction boxes
- 'T' junction boxes
- Cross junction boxes
- Plain infill sections

Part Numbers

Continuous mounting

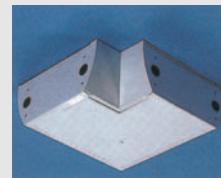
Continuous runs will consist of 'end' luminaires and 'middle' luminaires. These part numbers will be as standard luminaires but with the suffix 'E' or 'M'.

For example, a run of three single white louvre 49w units required 2 x end units and 1 x middle unit:

thus

- 2 x CF5WL149L-E
- 1 x CF5WL149L-M
- 3 x CF5/AWS (wire suspension set if required)

CF5/AWS	Wire suspension set
CF5/LJB1	Single lamp corner
CF5/LJB2	Twin lamp corner



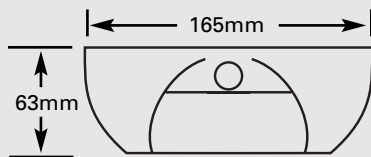
'L' corner box



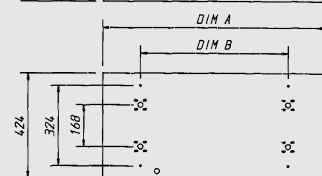
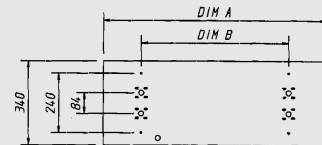
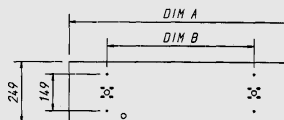
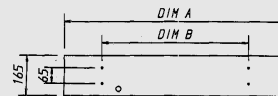
Wire suspension

If uplighting facility required when luminaires are suspended then please specify at time of ordering by adding the suffix: '/slot' to part nos. e.g. CF5R135L/slot

Fixing and Suspension Details



	DIM A	DIM B
14/24 Watt	610mm	450mm
21/39 Watt	910mm	600mm
28/54 Watt	1210mm	600mm
35/49 Watt	1510mm	600mm



CF5 bodies are manufactured from zinc-coated sheet steel powder coated standard gloss white, other finishes on request

Fluorel Lighting Limited
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of lighting fittings

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