

ADAM-Lite

APPLICATIONS

An attractive yet economical range of recessed fluorescent luminaires with low brightness aluminium mirror attachment for good light output and glare control.

Suitable for use in many modern interiors such as hotels, schools, hospitals, offices, food courts, shopping complexes and condominiums.

CONSTRUCTION

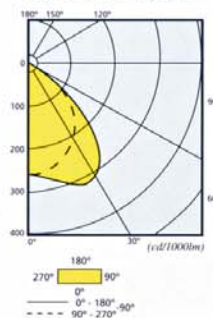
The housing is constructed with superb quality steel sheet precisely cut and formed to shape by high technology computerised machines. The housing is then chemically treated and finished with weather-resistant epoxy-powder coating.

The low brightness mirror louvre is manufactured with high grade anodised aluminium with well designed curved specular reflectors at each lampway to achieve good transverse light distribution. The louvre is rigidly secured to the four corners of the housing by four spring-loaded pivots which enable the louvre to be hinged down during relamping and maintenance.



With Low Brightness Mirror Louvre

Luminous Intensity Curve

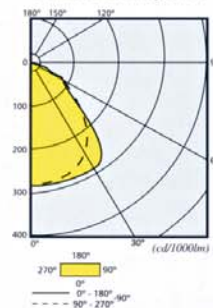


Utilisation Factors UF(F)/%												
LOR=0.60 DLOR=0.60 ULOR=0.00												
Room Reflectances			Room Index									
C	W	F	0.15	0.20	0.25	0.30	0.35	0.40	0.45	0.50	0.55	0.60
0.7	0.5	0.2	48	53	57	59	62	64	66	67	69	69
0.3			45	50	53	56	60	62	63	65	67	67
0.1			42	47	51	54	57	60	62	64	66	66
0.5	0.5	0.2	47	52	55	57	60	62	63	65	66	66
0.3			44	49	52	55	58	60	62	64	65	65
0.1			42	47	50	53	56	59	60	62	64	64
0.3	0.5	0.2	46	51	54	56	59	60	61	63	64	64
0.3			44	48	52	54	57	59	60	62	63	63
0.1			45	46	50	52	55	57	59	61	62	62
0.0	0.0	0.0	40	45	48	50	53	55	56	58	59	59
Biz Class			1	1	1	1	1	1	1	1	1	1
Direct ratios			66	73	78	81	86	89	91	93	95	95
CIE Flux Code			69	96	99	100	64	SHR NOM=1.50				



With Prismatic Diffuser in Hinged Frame

Luminous Intensity Curve



Utilisation Factors UF(F)/%												
LOR=0.60 DLOR=0.60 ULOR=0.00												
Room Reflectances			Room Index									
C	W	F	0.15	0.20	0.25	0.30	0.35	0.40	0.45	0.50	0.55	0.60
0.7	0.5	0.2	39	44	49	52	56	59	61	63	65	65
0.3			35	40	45	48	52	55	58	61	63	63
0.1			32	37	41	45	49	53	55	59	61	61
0.5	0.5	0.2	38	43	47	50	54	56	58	60	62	62
0.3			34	39	43	46	51	53	55	58	60	60
0.1			31	36	40	44	48	51	53	56	58	58
0.3	0.5	0.2	37	41	45	48	51	54	55	57	59	59
0.3			33	38	42	45	49	51	53	56	57	57
0.1			31	35	40	43	47	50	52	54	56	56
0.0	0.0	0.0	29	34	38	40	44	47	49	51	53	53
Biz Class			3	3	3	3	4	4	4	4	4	4
Direct ratios			48	55	61	66	72	76	79	83	85	85
CIE Flux Code			53	82	95	96	65	SHR NOM=1.50				

A low-cost and practical range of recessed fluorescent luminaires with prismatic diffuser for use in less essential areas such as stores, kitchens, wash rooms, general offices and passageways.

Photometric Data (Prismatic Diffuser)

ORDERING DATA

Wattage	Mirror Louvre	Prismatic Diffuser	Nominal Width (mm)	Nominal Length (mm)	Height (mm)
2 x 18W	ALM 122	ALP 122	300	600	95
2 x 18W	ALM 222	ALP 222	600	600	95
3 x 18W	ALM 223	ALP 223	600	600	95
4 x 18W	ALM 224	ALP 224	600	600	95
2 x 36W	ALM 142	ALP 142	300	1200	95
2 x 36W	ALM 242	ALP 242	600	1200	95
3 x 36W	ALM 243	ALP 243	600	1200	95
4 x 36W	ALM 244	ALP 244	600	1200	95

Note: a) All luminaires are pre-wired with 105°C heat-resistant cables in switch-start circuitry as standard.
b) Low loss ballasts, high frequency electronic ballasts and emergency battery kits are available upon request.

Specifications are subject to changes without prior notice