

LG7

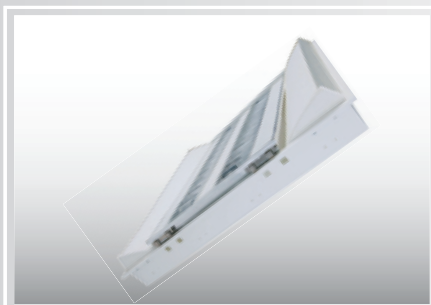


IP 20 CLASS I  960°C   CE 

76

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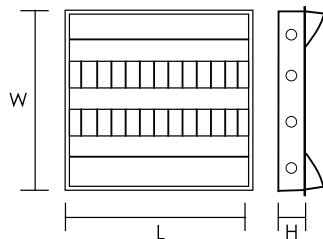
PR



- Body** : in trimmed sheet steel, chemically treated surface to corrosion class II by high pressure spraying at 2.5 bar before its finally electro-statically powder coated with a 60 micron thermo-hardened polyurethane powder, stabilized and UV protected.
- Optics** : made of 99.85 % pure anodized parabolic aluminum reflector and cross blades and with side diffusers made for illumination as per CIBSE LG7 requirements.
- Electrical** : 240v/50Hz supply, 105° heat resistant PVC wire, 3-P terminal block in polyamide material.
- Options** : LED options and other variants are available upon request. Please add suffix to the code for different optical arrangements.

Model Ref.	Lamp(s) Wattage, Holder	L x W x H (mm)
LG7R414	4x14W, G5	597x597x75
LG7R428	4x28W, G5	1197x297x75
LG7R435	4x35W, G5	1497x297x75

Note : Fittings can be supplied with Magnetic/Electronic/Dimmable ballasts and emergency conversion kits upon request. Please refer to page No. 170 for some common variants.



Utilization Factors

Model LG7R414

Room Reflectance			Room Index								
C	W	F	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00
0.7	0.5	0.2	0.59	0.65	0.70	0.72	0.77	0.8	0.81	0.84	0.85
0.7	0.3	0.2	0.56	0.62	0.66	0.69	0.73	0.75	0.77	0.8	0.82
0.7	0.1	0.2	0.50	0.56	0.61	0.64	0.68	0.72	0.74	0.77	0.79
0.5	0.5	0.2	0.43	0.49	0.53	0.56	0.60	0.63	0.65	0.67	0.68
0.5	0.3	0.2	0.44	0.55	0.53	0.56	0.59	0.61	0.62	0.64	0.65
0.5	0.1	0.2	0.39	0.45	0.49	0.51	0.55	0.58	0.60	0.62	0.63
0.3	0.5	0.2	0.37	0.43	0.47	0.49	0.53	0.55	0.57	0.58	0.59
0.3	0.3	0.2	0.36	0.43	0.45	0.47	0.51	0.53	0.54	0.55	0.56
0.3	0.1	0.2	0.35	0.42	0.44	0.46	0.49	0.51	0.53	0.54	0.55
0.0	0.0	0.0	0.35	0.40	0.43	0.45	0.49	0.51	0.52	0.53	0.54

LOR=71.6%, DLOR=71.6, ULOR=0.0%, SHR NOM=1.50, SHR MAX=1.64, SHR TR=1.85
 UF tables for other lamp wattage are available upon request.

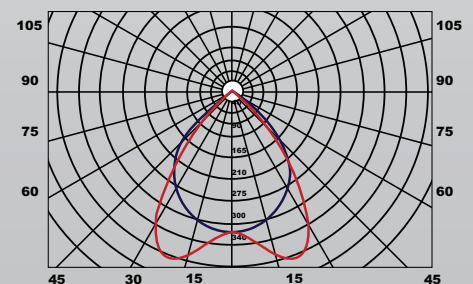
How to Specify :

Recessed modular fitting made of Zinc and powder coated steel with self latching louver mechanism CIBSE LG7 requirements with PMMA side diffuser. Similar to Majelite LG7.....

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77

Luminous Intensity Distribution



Luminous intensity (cd/klm) in level C 0° - 180°
 Luminous intensity (cd/klm) in level C 90° - 270°