

Print One Fitting Clearvision_3.DBX (11/09/2003)

MEZ4.155/SP

General Information

		Manufacturer	Clearvision
Description	Surface mounted	1 x 55w module with polarising panel	
Distribution	Tubular		
Lamps	1	Photometric Type	Type 1
Luminaire Type	Surface	Characteristics	Enclosed
DLOR	0.524	LOR	0.524

Width	0.35 m	Ballast Lumen	1
Length	0.60 m	Input Power	55.00 W
Height	0.10 m	Input VA	55.00
Design Attitude	0 °		

Glare Shape	1 - Rectangular box		
Luminous Area Side	0 m ²	Luminous Area End	0 m ²
Luminous Area Base	0.12 m ²	Length For Glare	1200 mm

SHR Maximum	1.45	SHR Nominal	1.25
SHR Transverse	1.48	Dimming Available	No

Emerg. Design Lumens	10.00	Fend / F5 Factor	0.80
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Correction Factors

Length mm	Type	Nominal W	Corr. Factor	Cost (£)
600	26mm	55	1.00	---

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Glare Indices

Uncorrected Glare Indices											
Ceiling Reflectance	0.70	0.70	0.50	0.50	0.30	0.70	0.70	0.50	0.50	0.30	
Wall Reflectance	0.50	0.30	0.50	0.30	0.30	0.50	0.30	0.50	0.30	0.30	
Floor Cavity Reflectance	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	
Room Dimension		Viewed crosswise					Viewed endwise				
X	Y										
2H	2H	12.7	14.5	13.1	14.9	15.3	12.3	14.1	12.8	14.5	14.9
	3H	14.5	16.1	15.0	16.5	17.0	14.1	15.7	14.6	16.1	16.6
	4H	15.1	16.6	15.6	17.1	17.5	14.7	16.2	15.1	16.6	17.1
	6H	15.5	16.9	16.0	17.4	17.9	15.0	16.5	15.6	16.9	17.4
	8H	15.5	16.9	16.1	17.4	17.9	15.1	16.5	15.6	16.9	17.4
	12H	15.6	16.9	16.1	17.3	17.9	15.1	16.4	15.6	16.9	17.4
4H	2H	13.4	15.0	13.9	15.4	15.9	13.2	14.7	13.7	15.1	15.6
	3H	15.4	16.7	16.0	17.2	17.7	15.1	16.4	15.6	16.9	17.4
	4H	16.3	17.4	16.8	17.9	18.5	15.9	17.0	16.4	17.5	18.1
	6H	16.7	17.7	17.3	18.3	18.8	16.3	17.3	16.9	17.9	18.4
	8H	16.8	17.8	17.4	18.3	18.9	16.4	17.4	17.0	17.9	18.5
	12H	16.9	17.8	17.5	18.3	19.0	16.5	17.4	17.1	17.9	18.5
8H	4H	16.6	17.5	17.2	18.1	18.6	16.3	17.2	16.8	17.7	18.3
	6H	17.1	17.9	17.7	18.5	19.1	16.8	17.6	17.4	18.1	18.8
	8H	17.4	18.1	18.0	18.7	19.3	17.0	17.7	17.7	18.3	18.9
	12H	17.5	18.1	18.1	18.7	19.3	17.1	17.7	17.8	18.3	19.0
12H	4H	16.6	17.5	17.2	18.0	18.7	16.3	17.2	16.9	17.7	18.3
	6H	17.2	17.9	17.9	18.5	19.2	16.9	17.6	17.6	18.2	18.8
	8H	17.5	18.0	18.1	18.7	19.3	17.1	17.7	17.8	18.3	19.0

Calculated in accordance with CIBSE Technical Memorandum No. 10, 1985.

Utilisation Factors

Utilisation Factors UF(F) Standard Presentation										SHR NOM = 1.25	
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
0.70	0.50	0.20	0.33	0.38	0.42	0.44	0.48	0.50	0.52	0.54	0.55
	0.30		0.30	0.35	0.39	0.41	0.45	0.48	0.50	0.52	0.54
	0.10		0.27	0.32	0.36	0.39	0.43	0.46	0.48	0.51	0.52
0.50	0.50	0.20	0.32	0.37	0.41	0.43	0.46	0.49	0.50	0.52	0.53
	0.30		0.29	0.34	0.38	0.40	0.44	0.46	0.48	0.50	0.52
	0.10		0.27	0.32	0.36	0.38	0.42	0.45	0.47	0.49	0.51
0.30	0.50	0.20	0.32	0.36	0.40	0.42	0.45	0.47	0.48	0.50	0.51
	0.30		0.29	0.34	0.37	0.40	0.43	0.45	0.47	0.49	0.50
	0.10		0.26	0.32	0.35	0.38	0.41	0.44	0.46	0.48	0.49
0.00	0.00	0.00	0.25	0.30	0.34	0.36	0.40	0.42	0.44	0.46	0.47

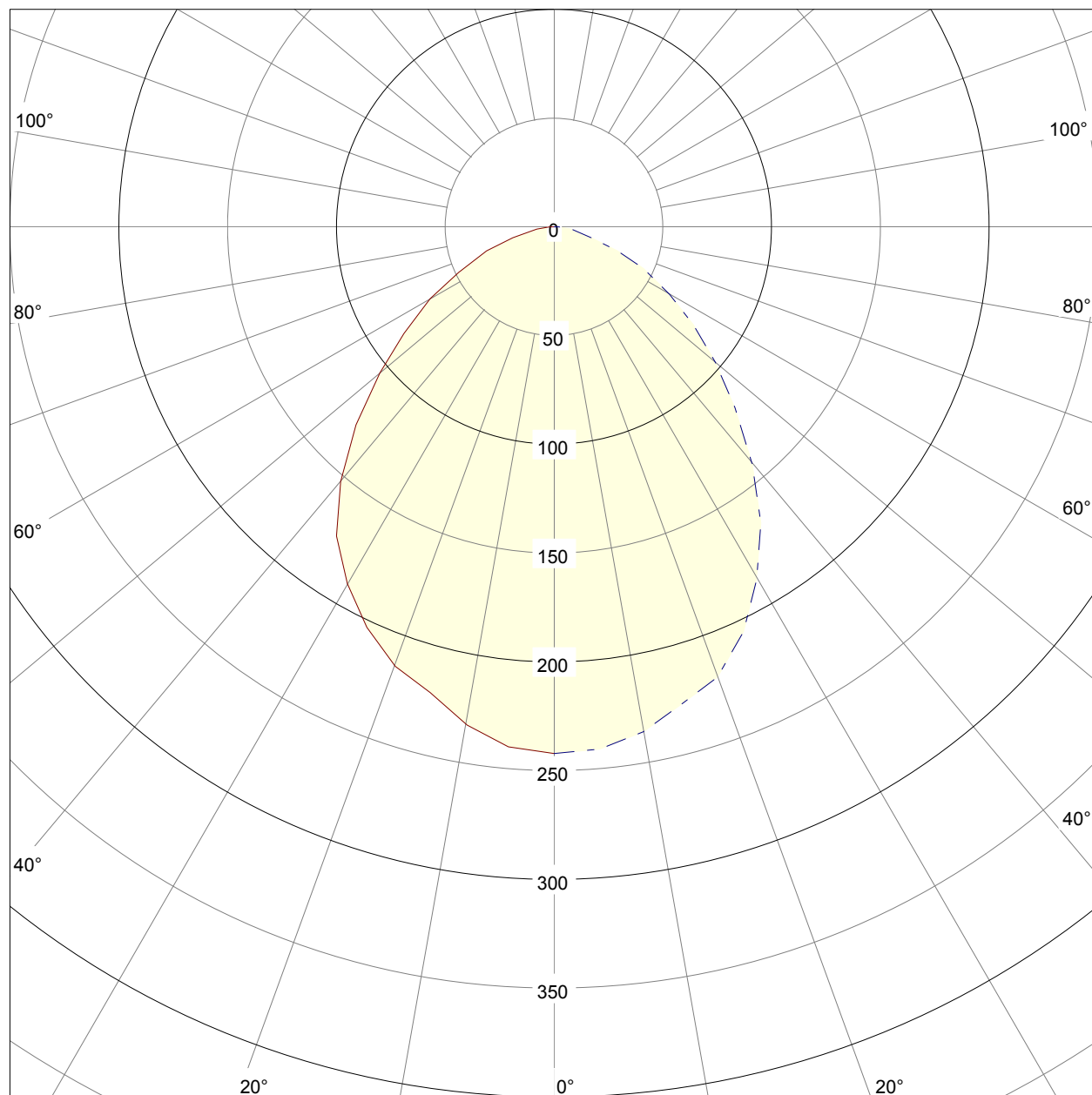
Rating: Photometrically tested with/without ceiling board.

Multiply UF values by service correction factors.

Calculated in accordance with CIBSE Technical Memorandum No. 5, 1980.

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Polar Curves



— Transverse
- - - Axial

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Intensities (Candelas / 1000 lm)

Vertical Angles	Horizontal Angles						
	0°	30°	60°	90°	120°	150°	180°
0°	241.8	241.8	241.8	241.8	241.8	241.8	241.8
5°	239.9	241.0	239.9	240.5	239.9	240.0	230.9
10°	233.0	233.5	234.3	235.2	239.2	233.5	233.0
15°	221.6	222.7	225.0	226.5	225.0	222.4	221.6
20°	214.5	214.6	217.1	220.0	217.1	214.6	214.5
25°	202.9	201.5	201.6	205.1	201.6	201.5	202.9
30°	189.9	187.8	183.8	186.7	183.8	187.8	189.9
35°	173.7	171.2	164.7	165.9	164.7	171.2	173.7
40°	152.9	150.2	143.0	142.0	143.0	150.2	152.9
45°	129.0	126.9	119.9	118.0	119.9	126.9	129.0
50°	104.7	103.9	99.0	96.5	99.0	103.9	104.7
55°	84.6	83.8	79.8	78.4	79.8	83.3	84.6
60°	65.7	65.0	62.7	61.7	62.7	65.0	65.7
65°	49.1	48.6	46.8	45.5	46.8	48.6	49.1
70°	33.3	33.0	31.9	30.8	31.9	33.0	33.3
75°	20.1	19.5	18.6	17.8	18.6	19.5	20.1
80°	8.6	8.6	8.3	7.8	8.3	8.6	8.6
85°	2.2	2.2	1.7	1.9	1.7	2.2	2.2
90°	---	---	---	---	---	---	---