



MEGAMAN®

Luminaire Specification(Preliminary)

Ver.	Date	Lamp holder	Model No	Series	Field of Application	Luminare Category	Installation Method	Status	Energy Class
		N/A	F50700SMv2	Renzo	Indoor	integrated	Surface Mount	Just created	A++ to A

1 General											
Measurement	Diameter	[mm]	Ø386								
		Length	[mm]	N/A							
			Width	[mm]	N/A						
				Height	[mm]	80					
	Recess	Cutout	[mm]	N/A							
			Trim	[mm]	N/A						
		Ceiling depth	[mm]	N/A							
			Cutoff angle	[°]	N/A						
	Weight	luminaires only	[g]	1010							
			Adjustable		N/A						
Life Time		[hr]	25000								
Working temp		[°C]	-30 to +40								
2 Color											
Body color and Finishing											
				Color		Description					
				WH26		White, Metal, Paint sprayed, Matt, #6					
3 Electrical											
Rated Power	[W]	24									
	Voltage	[V]	230								
		Current	[mA]	210							
	Frequency	[Hz]	50/60								
	Power Factor		>0.5								
	No.of lamps		[pc]	1							
Power cable type			Type								
				N/A							
Power cable length			Power cable length (m)								
				N/A							
Power plug type			Power plug type								
				N/A							
Control gear			Model								
				N/A							
Connection Box			Connection Box								
				(blank)							
				N/A							
Max.no.of luminaire looping through			N/A								
4 Parts											
Body			PMMA+STEEL								
Glass	Material	Finishing	N/A								
			N/A								
Cover	Material	PMMA									
		N/A									
Suspended length			[m]	N/A							
Suspended type & material			N/A								
Reflector			Code								
			N/A								
Optional parts			Parts								
5 Standard											
Glow-wire			[°C]	650							
Minimum distance from illuminated object			[m]	0.1							
IP Rating			Upper			Lower					
			IP20			IP20					
IK Rating			03								
			N/A								



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Protection Class	Class I
Approval mark	Approval Mark
Industry Standards	Norm IEC/EN60598-1 IEC/EN60598-2-1

Notes

6 Drawing

File Description	File Link

7 Remarks

Lifetime 25,000hrs L70B50@Ta25°C

8 Lamp and Photometric Data

Lamp	Luminaires with lamp (g)	Maximum Intensity [cd]	Central Intensity [cd]	Beam Angle [°]	ULOR (%)	LLOR (%)	Lamp information	CRI	Lum Flux	Colour Consistency	Energy Class	UGR
Integrated LED-3000		420	420	120	0	100		80	1800	<6	N/A	N/A
Integrated LED-4000		420	420	120	0	100		80	1800	<6	N/A	N/A
Integrated LED-6500		420	420	120	0	100		80	1800	<6	N/A	N/A

Tolerance of photometric data: Maximum intensity -25%
Lum Flux -10%

Lamp	Lamp photo	Polar diagram	cd diagram															
Integrated LED-3000			<p>F50700SMv2</p> <table border="1"> <thead> <tr> <th>m</th> <th>Lux</th> <th>φ cm</th> </tr> </thead> <tbody> <tr> <td>0.5</td> <td>1680</td> <td>173</td> </tr> <tr> <td>1</td> <td>420</td> <td>346</td> </tr> <tr> <td>1.5</td> <td>187</td> <td>520</td> </tr> <tr> <td>2</td> <td>105</td> <td>693</td> </tr> </tbody> </table> <p>angle = 60 degree</p> <p>Beam angle 120</p> <p>Angle</p>	m	Lux	φ cm	0.5	1680	173	1	420	346	1.5	187	520	2	105	693
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Date			Date			Date			