



MEGAMAN®

Luminaire Specification(Preliminary)

Ver.	Date	Lamp holder	Model No	Series	Field of Application	Lumininare Category	Installation Method	Status	Energy Class
		N/A	F50500SMv2	Renzo	Indoor	integrated	Surface Mount	Just created	A++ to A

1 General											
Measurement	Diameter	[mm]	Ø225								
		Length	[mm]	N/A							
			Width	[mm]	N/A						
				Height	[mm]	68					
	Recess	Cutout	[mm]	N/A							
			Trim	[mm]	N/A						
				Ceiling depth	[mm]	N/A					
			Cutoff angle		[°]	N/A					
	Weight	luminaires only	[g]	380							
			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]	12									
	Voltage	[V]	230								
		Current	[mA]	105							
	Frequency	[Hz]	50/60								
	Power Factor		>0.5								
	No.of lamps	[pc]	1								
	Power cable type		Type								
		N/A									
Power cable length		[m]	Power cable length (m)								
		N/A									
Power plug type		Power plug type									
		N/A									
Control gear		Model									
		N/A									
Connection Box		Connection Box									
		Description									
		(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	Description									
		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										
Flammability	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		300	300	120	0	100		80	900	<6	N/A	N/A
Integrated LED-4000		300	300	120	0	100		80	900	<6	N/A	N/A
Integrated LED-6500		300	300	120	0	100		80	900	<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>F50500SMv2</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>1200</td> <td>173</td> </tr> <tr> <td>1</td> <td>300</td> <td>346</td> </tr> <tr> <td>1.5</td> <td>133</td> <td>520</td> </tr> <tr> <td>2</td> <td>75</td> <td>693</td> </tr> </tbody> </table> <p>angle = 60 degree Beam angle 120</p>	m	Lux	φ cm	0.5	1200	173	1	300	346	1.5	133	520	2	75	693
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Prepared by			Checked by(R&D Engineer)			Approved by(R&D Manager)			
Date			Date			Date			