

**1PP 016 MsP**

Partner for Contact:  
Order No.:  
Company:  
Customer No.:

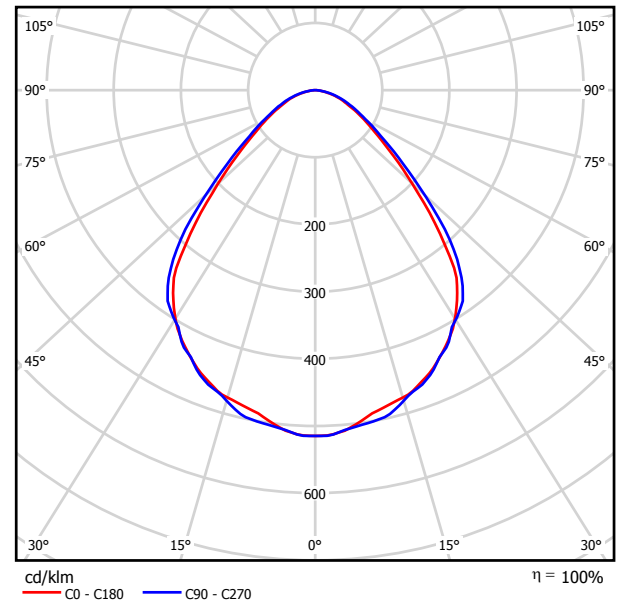
Date: 24.02.2016  
Operator:

Operator  
Telephone  
Fax  
e-Mail

## OMS s.r.o. AD-FREYN II SS1 MICROPRISMA 26W 2800lm 3000K 80Ra / Luminaire Data Sheet

Luminous emittance 1:

See our luminaire catalog for an image of the luminaire.



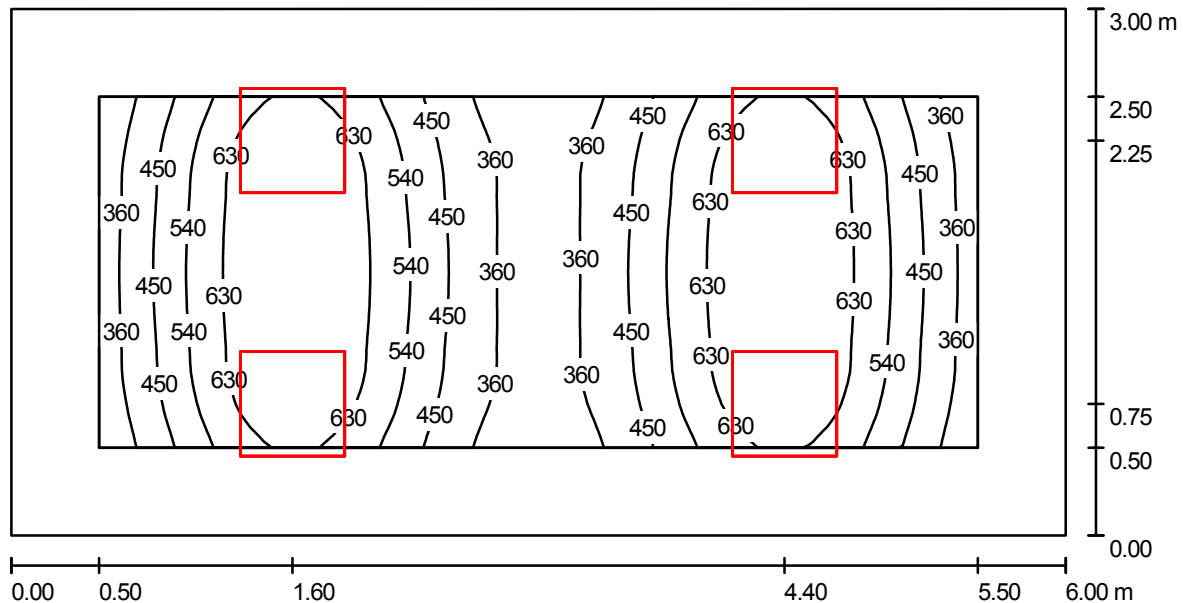
Luminaire classification according to CIE: 100  
CIE flux code: 65 90 98 100 100

Luminous emittance 1:

Glare Evaluation According to UGR												
ρ Ceiling		70	70	50	50	30		70	70	50	50	30
ρ Walls		50	30	50	30	30		50	30	50	30	30
ρ Floor		20	20	20	20	20		20	20	20	20	20
Room Size X            Y		Viewing direction at right angles to lamp axis					Viewing direction parallel to lamp axis					
2H	2H	12.0	13.1	12.3	13.3	13.5	12.7	13.8	13.0	14.0	14.2	
	3H	13.3	14.2	13.6	14.5	14.7	13.9	14.9	14.2	15.2	15.4	
	4H	13.7	14.6	14.0	14.9	15.2	14.4	15.3	14.7	15.6	15.8	
	6H	14.0	14.8	14.3	15.1	15.4	14.7	15.5	15.0	15.8	16.1	
	8H	14.0	14.8	14.4	15.1	15.4	14.7	15.5	15.1	15.8	16.2	
	12H	14.0	14.8	14.4	15.1	15.4	14.8	15.5	15.1	15.8	16.2	
4H	2H	12.5	13.4	12.8	13.7	13.9	13.1	14.0	13.4	14.2	14.5	
	3H	13.9	14.7	14.3	15.0	15.3	14.5	15.3	14.9	15.6	15.9	
	4H	14.5	15.2	14.9	15.5	15.9	15.1	15.8	15.5	16.1	16.5	
	6H	14.8	15.4	15.3	15.8	16.2	15.5	16.1	15.9	16.4	16.8	
	8H	14.9	15.5	15.4	15.9	16.3	15.6	16.1	16.0	16.5	16.9	
	12H	15.0	15.5	15.4	15.9	16.3	15.6	16.1	16.1	16.5	17.0	
8H	4H	14.7	15.2	15.1	15.6	16.0	15.3	15.8	15.7	16.2	16.6	
	6H	15.2	15.6	15.6	16.0	16.5	15.8	16.2	16.2	16.6	17.1	
	8H	15.3	15.7	15.8	16.1	16.6	15.9	16.3	16.4	16.7	17.2	
	12H	15.4	15.7	15.9	16.2	16.7	16.0	16.3	16.5	16.8	17.3	
12H	4H	14.7	15.2	15.2	15.6	16.0	15.3	15.7	15.7	16.1	16.6	
	6H	15.2	15.6	15.7	16.0	16.5	15.8	16.1	16.2	16.6	17.1	
	8H	15.4	15.7	15.8	16.1	16.6	15.9	16.3	16.4	16.7	17.2	
Variation of the observer position for the luminaire distances S												
S = 1.0H		+0.5 / -0.7					+0.4 / -0.6					
S = 1.5H		+0.9 / -1.3					+1.1 / -1.2					
S = 2.0H		+2.0 / -1.8					+2.1 / -1.7					
Standard table		BK03					BK03					
Correction												
Summand		-5.3					-4.8					
Corrected Glare Indices referring to 2800lm Total Luminous Flux												

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## Room 1 / Summary



Height of Room: 2.200 m, Mounting Height: 2.200 m, Maintenance factor: 0.80

Values in Lux, Scale 1:43

Surface	$\rho$ [%]	$E_{av}$ [lx]	$E_{min}$ [lx]	$E_{max}$ [lx]	$u_0$
Workplane	/	522	297	719	0.569
Floor	20	362	185	474	0.511
Ceiling	70	77	49	91	0.641
Walls (4)	50	166	57	402	/

### Workplane:

Height: 0.750 m  
Grid: 64 x 32 Points  
Boundary Zone: 0.500 m

### UGR

Left Wall  
Lower Wall  
(CIE, SHR = 1.00.)

### Lengthways-

15  
15

### Across

15  
15

### to luminaire axis

Illuminance Quotient (according to LG7): Walls / Working Plane: 0.312, Ceiling / Working Plane: 0.148.

### Luminaire Parts List

No.	Pieces	Designation (Correction Factor)	$\Phi$ [lm]	P [W]
1	4	OMS s.r.o. AD-FREYN II SS1 MICROPRISMA 26W 2800lm 3000K 80Ra (1.000)	2800	26.0
Total:			11200	104.0

Specific connected load:  $5.78 \text{ W/m}^2 = 1.11 \text{ W/m}^2/100 \text{ lx}$  (Ground area:  $18.00 \text{ m}^2$ )