

2NP 218

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

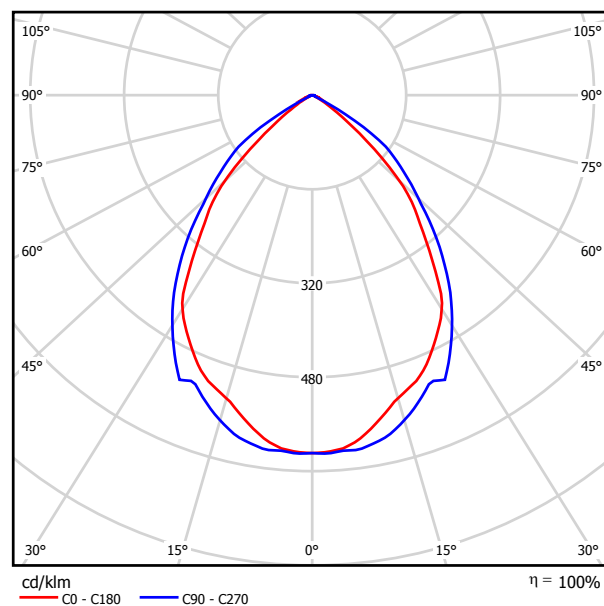
Date: 25.02.2016
Operator:

Operator
Telephone
Fax
e-Mail

OMS s.r.o. AD-LAMBDA LED M PAR-L 46W 4250lm 4000K 80Ra / Luminaire Data Sheet

Luminous emittance 1:

See our luminaire catalog for an image of the luminaire.



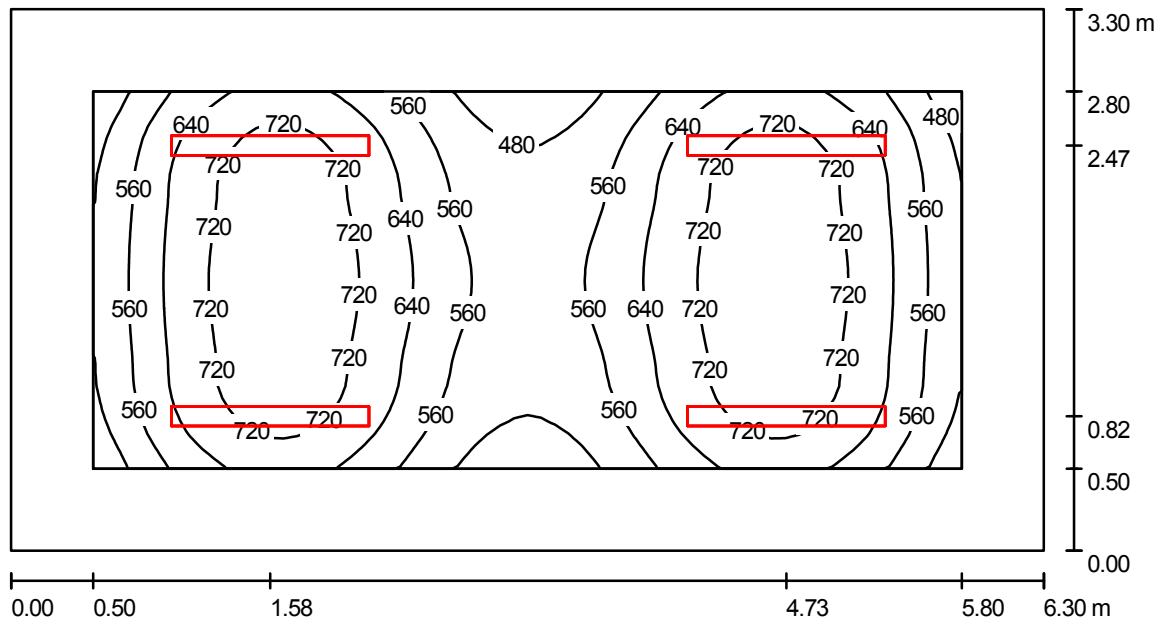
Luminaire classification according to CIE: 100
CIE flux code: 72 98 100 100 100

Luminous emittance 1:

Glare Evaluation According to UGR												
o Ceiling		70	70	50	50	30	70	70	50	50	30	30
o Walls		50	30	50	30	30	50	30	50	30	30	30
o Floor		20	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	11.3	12.2	11.5	12.4	12.6	18.9	19.8	19.2	20.1	20.3	
	3H	11.4	12.3	11.7	12.5	12.8	18.8	19.6	19.1	19.9	20.1	
	4H	11.5	12.3	11.8	12.6	12.9	18.7	19.5	19.0	19.7	20.0	
	6H	11.5	12.2	11.8	12.5	12.8	18.6	19.4	19.0	19.6	19.9	
	8H	11.5	12.2	11.8	12.5	12.8	18.6	19.3	18.9	19.6	19.9	
4H	12H	11.5	12.1	11.8	12.4	12.8	18.6	19.2	18.9	19.5	19.9	
	2H	11.2	12.0	11.5	12.3	12.6	18.7	19.5	19.0	19.8	20.0	
	3H	11.5	12.2	11.9	12.5	12.8	18.6	19.2	18.9	19.5	19.9	
	4H	11.7	12.3	12.1	12.6	13.0	18.5	19.1	18.9	19.4	19.8	
	6H	11.7	12.2	12.1	12.5	12.9	18.5	19.0	18.9	19.3	19.7	
8H	8H	11.7	12.1	12.1	12.5	12.9	18.4	18.9	18.9	19.3	19.7	
	12H	11.7	12.1	12.2	12.5	12.9	18.4	18.8	18.8	19.2	19.6	
	4H	11.7	12.2	12.2	12.6	13.0	18.4	18.9	18.8	19.3	19.7	
	6H	11.8	12.2	12.2	12.6	13.0	18.4	18.7	18.8	19.2	19.6	
	8H	11.9	12.2	12.3	12.6	13.1	18.4	18.7	18.8	19.1	19.6	
12H	12H	11.9	12.2	12.4	12.7	13.2	18.4	18.6	18.8	19.1	19.6	
	4H	11.7	12.1	12.2	12.5	13.0	18.4	18.8	18.8	19.2	19.6	
	6H	11.8	12.1	12.3	12.6	13.0	18.3	18.7	18.8	19.1	19.6	
	8H	11.9	12.2	12.4	12.7	13.2	18.3	18.6	18.8	19.1	19.6	
Variation of the observer position for the luminaire distances S												
S = 1.0H		+1.6 / -4.5					+0.7 / -1.1					
S = 1.5H		+2.8 / -8.9					+2.0 / -7.5					
S = 2.0H		+4.4 / -12.0					+3.7 / -13.1					
Standard table		BK00					BK00					
Correction		-5.1					-3.2					
Summand												
Corrected Glare Indices referring to 4250lm Total Luminous Flux												

Operator
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Room 1 / Summary



Height of Room: 3.500 m, Mounting Height: 2.700 m, Maintenance factor: 0.80

Values in Lux, Scale 1:46

Surface	ρ [%]	E_{av} [lx]	E_{min} [lx]	E_{max} [lx]	u_0
Workplane	/	631	421	782	0.667
Floor	20	465	260	578	0.560
Ceiling	70	71	54	83	0.761
Walls (4)	50	160	50	422	/

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-

12
11

Across

19
19

to luminaire axis

Illuminance Quotient (according to LG7): Walls / Working Plane: 0.232, Ceiling / Working Plane: 0.113.

Proportion of points with less than 400 lx (for IEQ-7): 0.00%.

Luminaire Parts List

No.	Pieces	Designation (Correction Factor)	Φ [lm]	P [W]
1	4	OMS s.r.o. AD-LAMBDA LED M PAR-L 46W 4250lm 4000K 80Ra (1.000)	4250	46.0
Total:			17000	184.0

Specific connected load: $8.85 \text{ W/m}^2 = 1.40 \text{ W/m}^2/100 \text{ lx}$ (Ground area: 20.79 m^2)