

2.NP 210

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

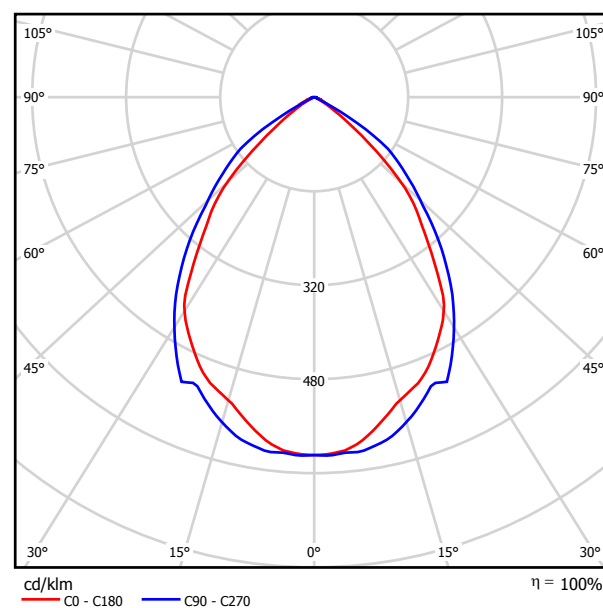
Date: 25.02.2016
Operator:

Operator
Telephone
Fax
e-Mail

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

See our luminaire catalog for an image of the luminaire.

Luminous emittance 1:



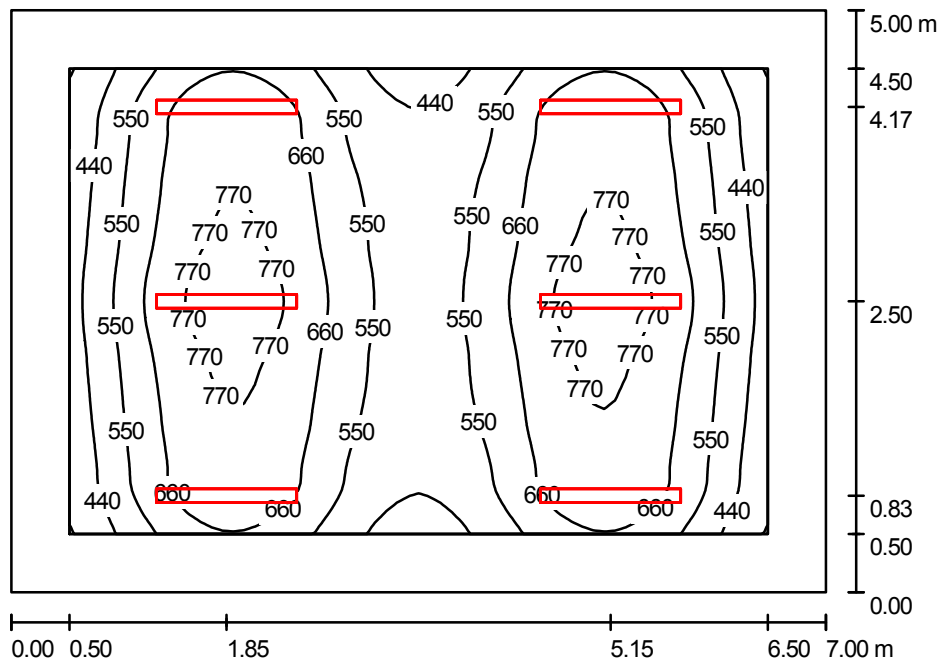
Luminaire classification according to CIE: 100
CIE flux code: 72 98 100 100 100

Luminous emittance 1:

Glare Evaluation According to UGR												
o Ceiling		70	70	50	50	30	70	70	50	50	30	
o Walls		50	30	50	30	30	50	30	50	30	30	
o 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	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 1:65

Surface	ρ [%]	E_{av} [lx]	E_{min} [lx]	E_{max} [lx]	u_0
Workplane	/	614	329	832	0.536
Floor	20	480	220	656	0.459
Ceiling	70	75	52	89	0.696
Walls (4)	50	147	52	415	/

Workplane:

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

UGR

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

Lengthways-

12
12

Across

19
19

to luminaire axis

Illuminance Quotient (according to LG7): Walls / Working Plane: 0.215, Ceiling / Working Plane: 0.122.

Luminaire Parts List

No.	Pieces	Designation (Correction Factor)	Φ [lm]	P [W]
1	6	OMS s.r.o. AD-LAMBDA LED M PAR-L 46W 4250lm 4000K 80Ra (1.000)	4250	46.0
Total:			25500	276.0

Specific connected load: $7.89 \text{ W/m}^2 = 1.28 \text{ W/m}^2/100 \text{ lx}$ (Ground area: 35.00 m^2)