

1NP 106

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

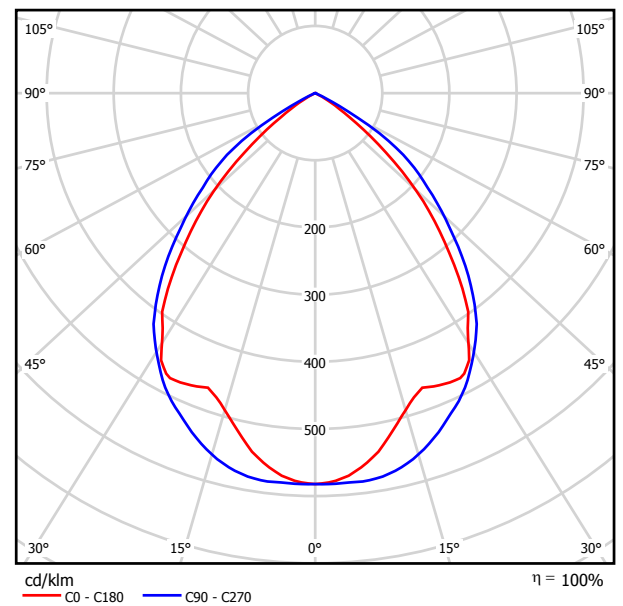
Date: 26.02.2016
Operator:

Operator
Telephone
Fax
e-Mail

OMS s.r.o. AD-LAMBDA LED L PAR-L 60W 5500lm 4000K 80Ra / Luminaire Data Sheet

Luminous emittance 1:

See our luminaire catalog for an image of the luminaire.



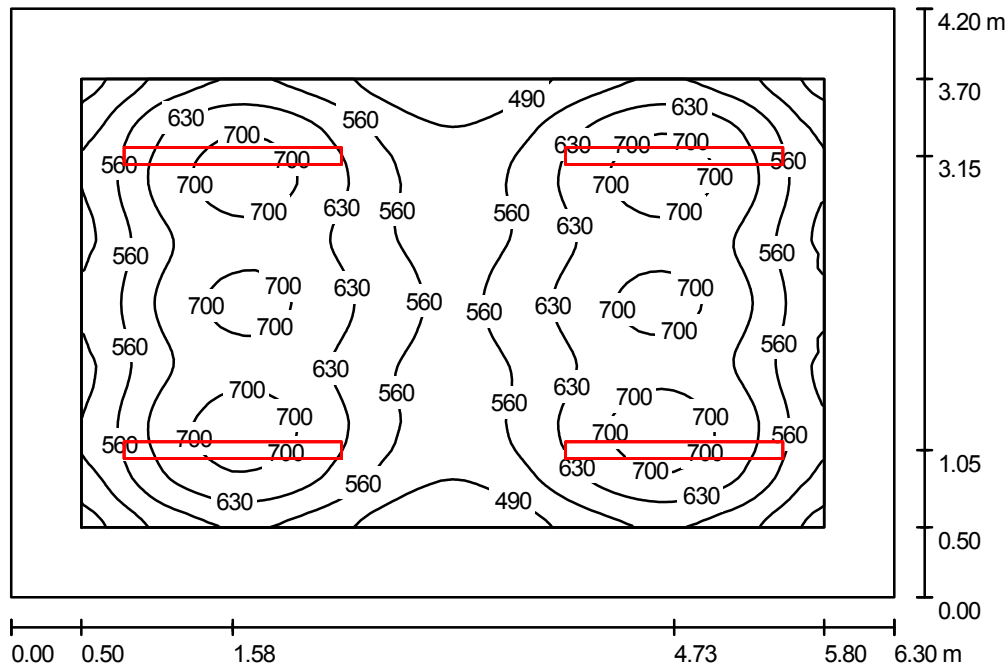
Luminaire classification according to CIE: 100
CIE flux code: 71 99 100 100 100

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	12.5	13.5	12.8	13.7	13.9	19.6	20.6	19.9	20.8	21.0	
	3H	12.4	13.2	12.7	13.5	13.7	19.5	20.3	19.8	20.6	20.8	
	4H	12.3	13.1	12.6	13.4	13.6	19.4	20.2	19.7	20.5	20.7	
	6H	12.2	13.0	12.6	13.3	13.5	19.3	20.1	19.7	20.4	20.6	
	8H	12.2	12.9	12.5	13.2	13.5	19.3	20.0	19.6	20.3	20.6	
	12H	12.2	12.8	12.5	13.1	13.5	19.3	19.9	19.6	20.2	20.6	
4H	2H	12.4	13.2	12.8	13.5	13.8	19.4	20.2	19.7	20.5	20.8	
	3H	12.3	13.0	12.7	13.3	13.6	19.3	19.9	19.6	20.3	20.6	
	4H	12.2	12.8	12.6	13.1	13.5	19.2	19.8	19.6	20.1	20.5	
	6H	12.2	12.6	12.6	13.0	13.4	19.1	19.6	19.5	20.0	20.4	
	8H	12.1	12.6	12.5	12.9	13.4	19.1	19.5	19.5	19.9	20.3	
	12H	12.1	12.5	12.5	12.9	13.3	19.1	19.5	19.5	19.9	20.3	
8H	4H	12.1	12.6	12.5	12.9	13.4	19.1	19.5	19.5	19.9	20.3	
	6H	12.0	12.4	12.5	12.8	13.3	19.0	19.4	19.5	19.8	20.2	
	8H	12.0	12.3	12.5	12.7	13.2	19.0	19.3	19.4	19.7	20.2	
	12H	11.9	12.2	12.4	12.7	13.2	18.9	19.2	19.4	19.7	20.2	
	4H	12.1	12.5	12.5	12.9	13.3	19.1	19.5	19.5	19.9	20.3	
	6H	12.0	12.3	12.5	12.7	13.2	19.0	19.3	19.4	19.7	20.2	
12H	4H	12.1	12.5	12.5	12.9	13.3	19.1	19.5	19.5	19.9	20.3	
	6H	12.0	12.3	12.5	12.7	13.2	19.0	19.3	19.4	19.7	20.2	
	8H	11.9	12.2	12.4	12.7	13.2	18.9	19.2	19.4	19.7	20.2	
Variation of the observer position for the luminaire distances S												
S = 1.0H		+1.5 / -4.3					+0.8 / -1.2					
S = 1.5H		+2.8 / -13.8					+1.9 / -7.8					
S = 2.0H		+4.4 / -37.5					+3.6 / -20.9					
Standard table		BK00					BK00					
Correction		-5.5					-3.6					
Summand												
Corrected Glare Indices referring to 5525lm Total Luminous Flux												

Operator
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Room 1 / Summary



Height of Room: 3.700 m, Mounting Height: 2.700 m, Maintenance factor: 0.80

Values in Lux, Scale 1:54

Surface	ρ [%]	E_{av} [lx]	E_{min} [lx]	E_{max} [lx]	u_0
Workplane	/	604	396	736	0.656
Floor	20	459	246	579	0.535
Ceiling	70	68	50	80	0.740
Walls (4)	50	146	47	336	/

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: 0.213, Ceiling / Working Plane: 0.112.
Proportion of points with less than 400 lx (for IEQ-7): 0.10%.

Luminaire Parts List

No.	Pieces	Designation (Correction Factor)	Φ [lm]	P [W]
1	4	OMS s.r.o. AD-LAMBDA LED L PAR-L 60W 5500lm 4000K 80Ra (Type 1)* (1.000)	5000	60.0

*Modified Technical Specifications

Total: 20000 240.0

Specific connected load: $9.07 \text{ W/m}^2 = 1.50 \text{ W/m}^2/100 \text{ lx}$ (Ground area: 26.46 m^2)