

## **1. NP CHODBA**

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

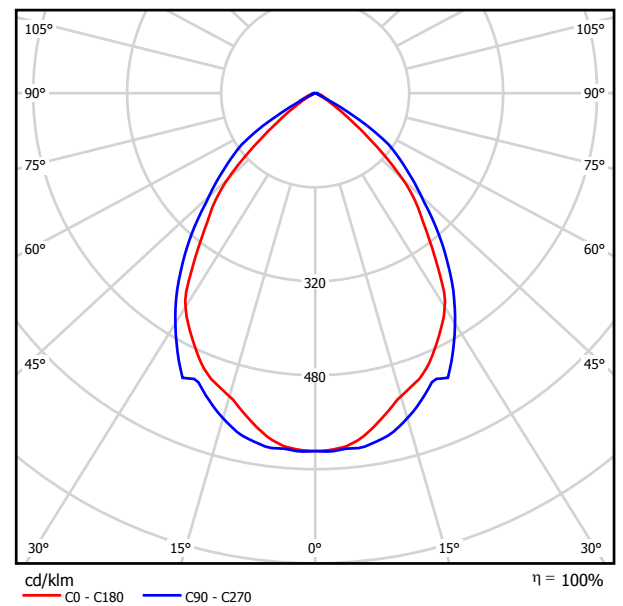
Date: 26.02.2016  
Operator:

Operator  
Telephone  
Fax  
e-Mail

## OMS s.r.o. AD-LAMBDA LED M PAR-L 28W 2600lm 4000K 80Ra / Luminaire Data Sheet

See our luminaire catalog for an image of the luminaire.

Luminous emittance 1:



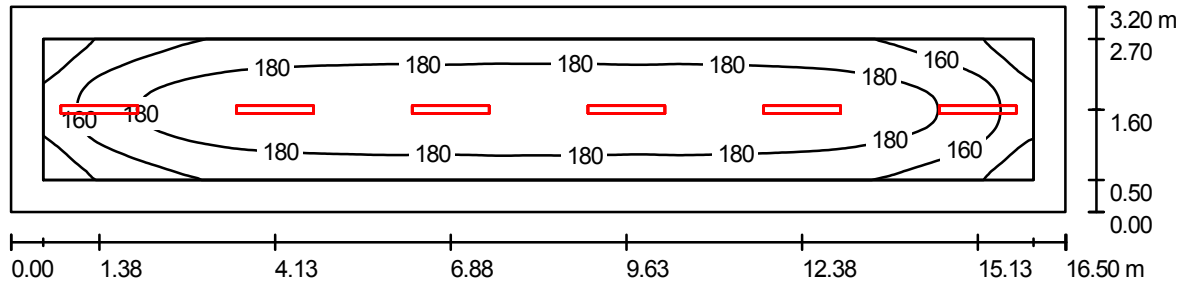
Luminaire classification according to CIE: 100  
CIE flux code: 72 98 100 100 100

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	9.5	10.5	9.8	10.7	10.9	17.2	18.1	17.4	18.4	18.6	
	3H	9.7	10.6	10.0	10.8	11.1	17.0	17.9	17.3	18.1	18.4	
	4H	9.8	10.6	10.1	10.9	11.1	17.0	17.8	17.3	18.0	18.3	
	6H	9.8	10.5	10.1	10.8	11.1	16.9	17.7	17.3	17.9	18.2	
	8H	9.8	10.5	10.1	10.8	11.1	16.9	17.6	17.2	17.9	18.2	
	12H	9.8	10.4	10.1	10.7	11.1	16.9	17.5	17.2	17.8	18.2	
4H	2H	9.5	10.3	9.8	10.6	10.9	17.0	17.8	17.3	18.0	18.3	
	3H	9.8	10.5	10.2	10.8	11.1	16.9	17.5	17.2	17.8	18.1	
	4H	10.0	10.6	10.4	10.9	11.3	16.8	17.4	17.2	17.7	18.1	
	6H	10.0	10.5	10.4	10.8	11.2	16.8	17.2	17.2	17.6	18.0	
	8H	10.0	10.4	10.4	10.8	11.2	16.7	17.2	17.1	17.6	18.0	
	12H	10.0	10.4	10.4	10.8	11.2	16.7	17.1	17.1	17.5	17.9	
8H	4H	10.0	10.5	10.5	10.9	11.3	16.7	17.2	17.1	17.5	18.0	
	6H	10.1	10.5	10.5	10.9	11.3	16.7	17.0	17.1	17.5	17.9	
	8H	10.2	10.5	10.6	10.9	11.4	16.7	17.0	17.1	17.4	17.9	
	12H	10.2	10.5	10.7	11.0	11.5	16.6	16.9	17.1	17.4	17.9	
	4H	10.0	10.4	10.5	10.8	11.3	16.7	17.1	17.1	17.5	17.9	
	6H	10.1	10.4	10.6	10.9	11.3	16.6	17.0	17.1	17.4	17.9	
12H	8H	10.2	10.5	10.7	11.0	11.5	16.6	16.9	17.1	17.4	17.9	
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												
Summand		-5.1					-3.2					
Corrected Glare Indices referring to 2600lm Total Luminous Flux												

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## Room 1 / Summary



Height of Room: 4.000 m, Mounting Height: 4.000 m, Maintenance factor: 0.80

Values in Lux, Scale 1:118

Surface	$\rho$ [%]	$E_{av}$ [lx]	$E_{min}$ [lx]	$E_{max}$ [lx]	u0
Workplane	/	176	122	198	0.693
Floor	20	141	86	170	0.608
Ceiling	70	28	20	31	0.708
Walls (4)	50	64	22	130	/

**Workplane:**

Height: 0.750 m  
Grid: 128 x 32 Points  
Boundary Zone: 0.500 m

Illuminance Quotient (according to LG7): Walls / Working Plane: 0.357, Ceiling / Working Plane: 0.158.  
Proportion of points with less than 400 lx (for IEQ-7): 100.00%.

**Luminaire Parts List**

No.	Pieces	Designation (Correction Factor)	$\Phi$ [lm]	P [W]
1	6	OMS s.r.o. AD-LAMBDA LED M PAR-L 28W 2600lm 4000K 80Ra (Type 1)* (1.000)	2400	28.0

\*Modified Technical Specifications

Total: 14400 168.0

Specific connected load:  $3.18 \text{ W/m}^2 = 1.81 \text{ W/m}^2/100 \text{ lx}$  (Ground area:  $52.80 \text{ m}^2$ )