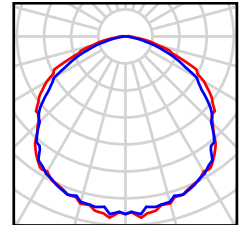


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Project 1 / Luminaire parts list

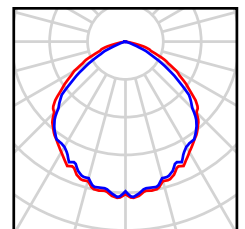
16 Pieces 2R Nova Pro LED SMD 36W IP66 LED Street Light
Article No.: Nova Pro LED SMD 36W IP66
Luminous flux (Luminaire): 3998 lm
Luminous flux (Lamps): 4000 lm
Luminaire Wattage: 36.0 W
Luminaire classification according to CIE: 100
CIE flux code: 47 79 96 100 100
Fitting: 1 x LED36W (Correction Factor 1.000).

See our luminaire catalog for an image of the luminaire.



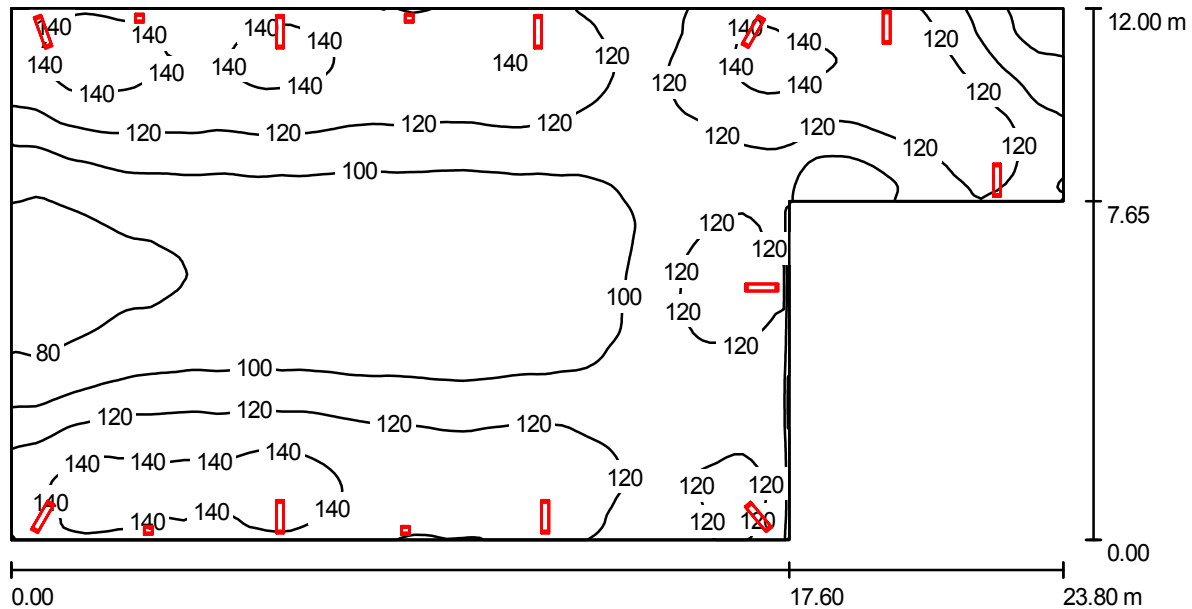
4 Pieces 2R RECORD SLIM 30W IP66 LED Floodlight
Article No.: RECORD SLIM 30W IP66
Luminous flux (Luminaire): 2700 lm
Luminous flux (Lamps): 2700 lm
Luminaire Wattage: 30.0 W
Luminaire classification according to CIE: 100
CIE flux code: 53 87 99 100 101
Fitting: 1 x LED (Correction Factor 1.000).

See our luminaire catalog for an image of the luminaire.



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Гараж1 / Summary



Height of Room: 4.350 m, Mounting Height: 3.500 m, Maintenance factor: 0.70

Values in Lux, Scale 1:171

Surface	ρ [%]	E_{av} [lx]	E_{min} [lx]	E_{max} [lx]	u_0
Workplane	/	113	68	151	0.599
Floor	10	113	67	151	0.595
Ceiling	50	26	19	35	0.721
Walls (7)	50	70	25	485	/

Workplane:

Height: 0.000 m
Grid: 128 x 128 Points
Boundary Zone: 0.000 m

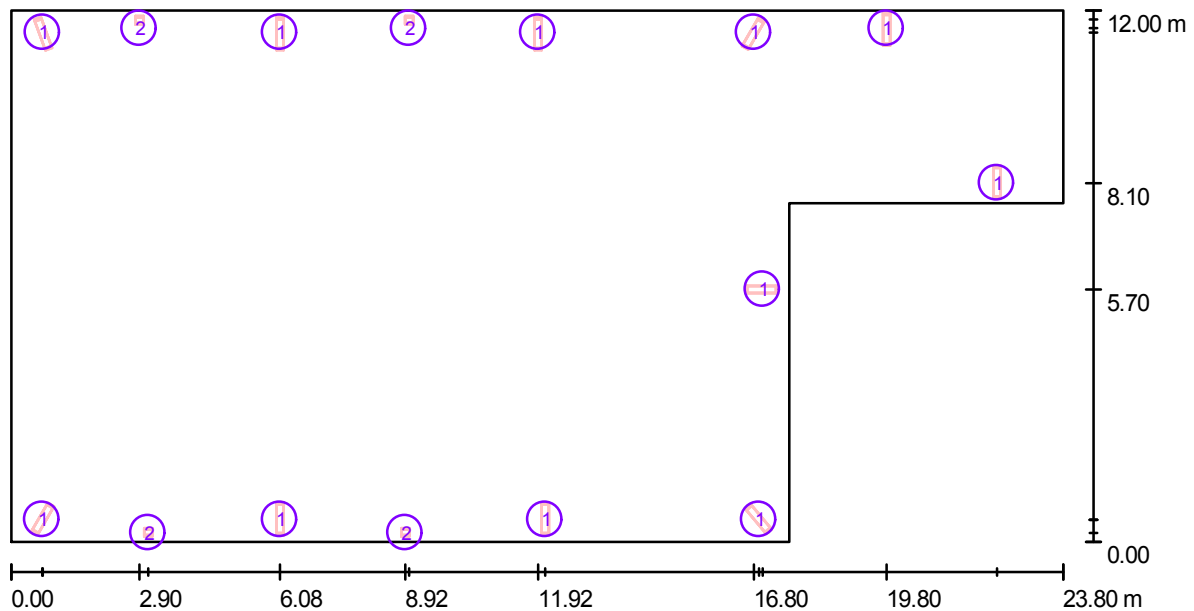
Illuminance Quotient (according to LG7): Walls / Working Plane: 0.627, Ceiling / Working Plane: 0.230.

Luminaire Parts List

No.	Pieces	Designation (Correction Factor)	Φ (Luminaire) [lm]	Φ (Lamps) [lm]	P [W]
1	11	2R Nova Pro LED SMD 36W IP66 LED Street Light (1.000)	3998	4000	36.0
2	4	2R RECORD SLIM 30W IP66 LED Floodlight (1.000)	2700	2700	30.0
Total:			54774	54800	516.0

Specific connected load: $2.17 \text{ W/m}^2 = 1.92 \text{ W/m}^2/100 \text{ lx}$ (Ground area: 238.17 m^2)

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Гараж1 / Luminaires (layout plan)

Scale 1 : 171

Luminaire Parts List

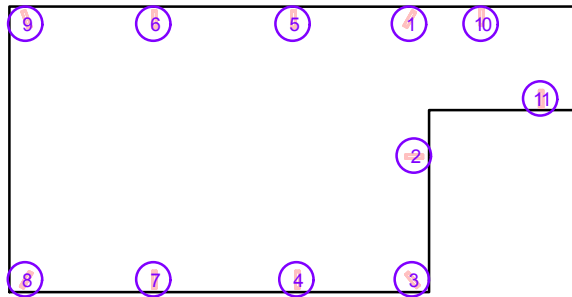
No.	Pieces	Designation
1	11	2R Nova Pro LED SMD 36W IP66 LED Street Light
2	4	2R RECORD SLIM 30W IP66 LED Floodlight

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Гараж1 / Luminaires (coordinates list)

2R Nova Pro LED SMD 36W IP66 LED Street Light

3998 lm, 36.0 W, 1 x 1 x LED36W (Correction Factor 1.000).



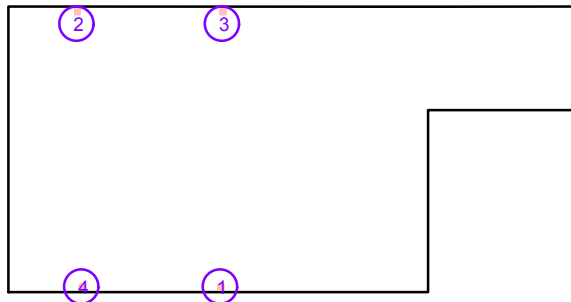
No.	Position [m]			Rotation [°]		
	X	Y	Z	X	Y	Z
1	16.800	11.500	3.500	-30.0	0.0	-30.0
2	17.000	5.700	3.500	-30.0	0.0	-90.0
3	16.918	0.500	3.500	-30.0	0.0	-140.0
4	12.080	0.500	3.500	30.0	0.0	0.0
5	11.920	11.500	3.500	-30.0	0.0	0.0
6	6.080	11.500	3.500	-30.0	0.0	0.0
7	6.080	0.500	3.500	30.0	0.0	0.0
8	0.700	0.500	3.500	30.0	0.0	-30.0
9	0.712	11.500	3.500	-30.0	0.0	20.0
10	19.803	11.604	3.500	-30.0	0.0	0.0
11	22.300	8.100	3.500	30.0	0.0	0.0

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Гараж1 / Luminaires (coordinates list)

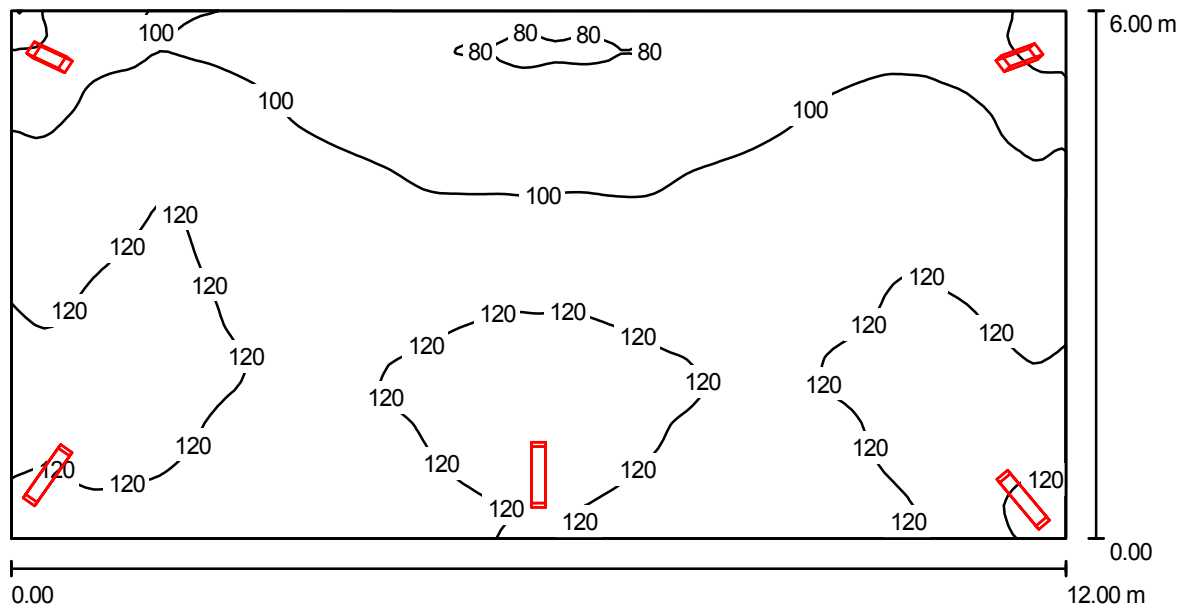
2R RECORD SLIM 30W IP66 LED Floodlight

2700 lm, 30.0 W, 1 x 1 x LED (Correction Factor 1.000).



No.	Position [m]			Rotation [°]		
	X	Y	Z	X	Y	Z
1	8.915	0.200	3.500	45.0	0.0	0.0
2	2.900	11.800	3.500	-45.0	0.0	0.0
3	9.000	11.800	3.500	-45.0	0.0	0.0
4	3.100	0.200	3.500	45.0	0.0	0.0

Гараж 2 / Summary



Height of Room: 4.370 m, Mounting Height: 3.700 m, Maintenance factor: 0.70

Values in Lux, Scale 1:86

Surface	ρ [%]	E_{av} [lx]	E_{min} [lx]	E_{max} [lx]	u_0
Workplane	/	110	71	132	0.642
Floor	20	110	69	132	0.627
Ceiling	70	51	29	195	0.578
Walls (4)	50	83	39	908	/

Workplane:

Height:	0.000 m
Grid:	128 x 64 Points
Boundary Zone:	0.000 m

Illuminance Quotient (according to LG7): Walls / Working Plane: 0.755, Ceiling / Working Plane: 0.461.

Luminaire Parts List

No.	Pieces	Designation (Correction Factor)	Φ (Luminaire) [lm]	Φ (Lamps) [lm]	P [W]
1	5	2R Nova Pro LED SMD 36W IP66 LED Street Light (1.000)	3998	4000	36.0
Total:			19988	20000	180.0

Specific connected load: $2.50 \text{ W/m}^2 = 2.28 \text{ W/m}^2/100 \text{ lx}$ (Ground area: 72.00 m^2)