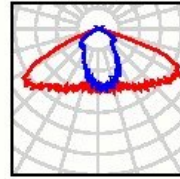


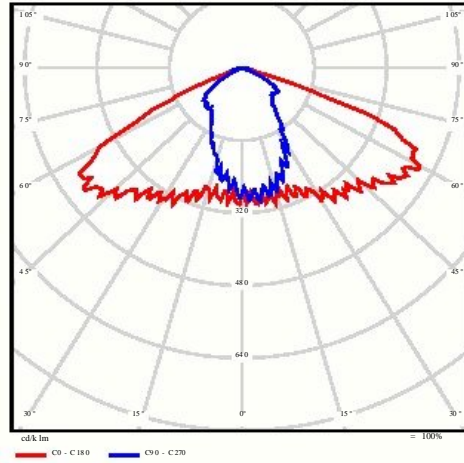
90W() / Lighting appliance

ITEM: HB-072(90W)
Item No: HB-072
Total Flux: 7200 lm
Power: 90.0 W
CIE: 100
CIE Flux : 40 80 98 100 100
3 x LED.



HB-072(90W) /data sheet

Light sources data 1:

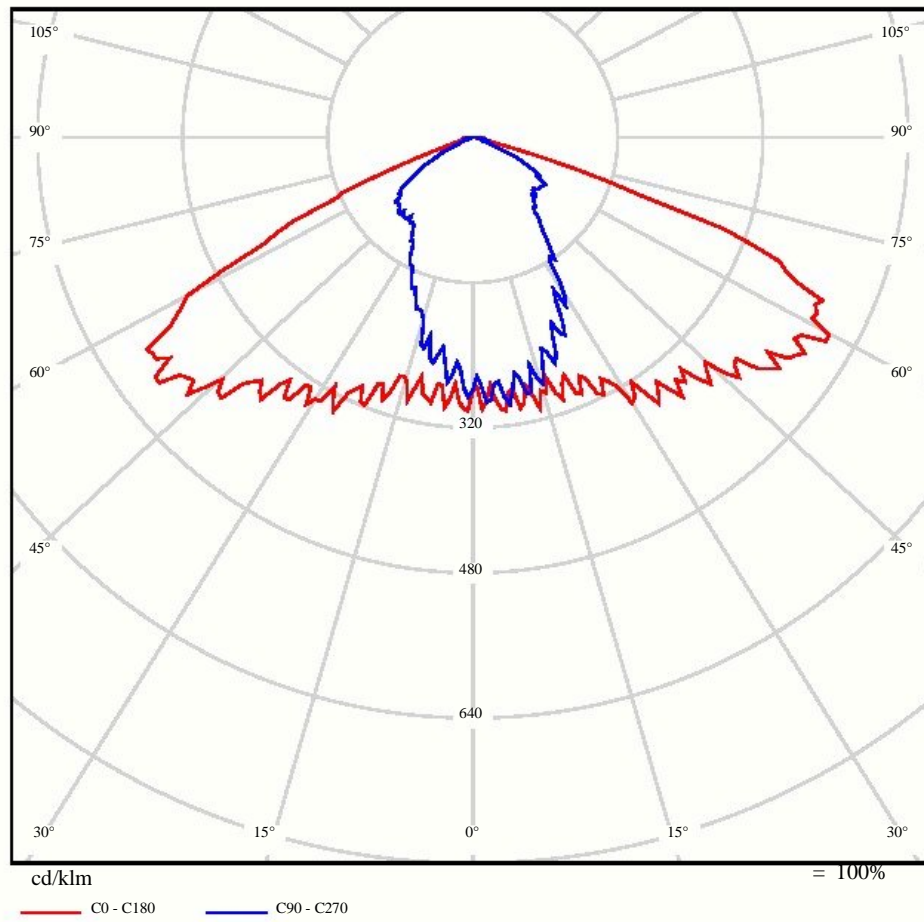


CIE: 100
CIE Flux: 40 80 98 100 100

HB-072(90W) /

Lighting distribution curve

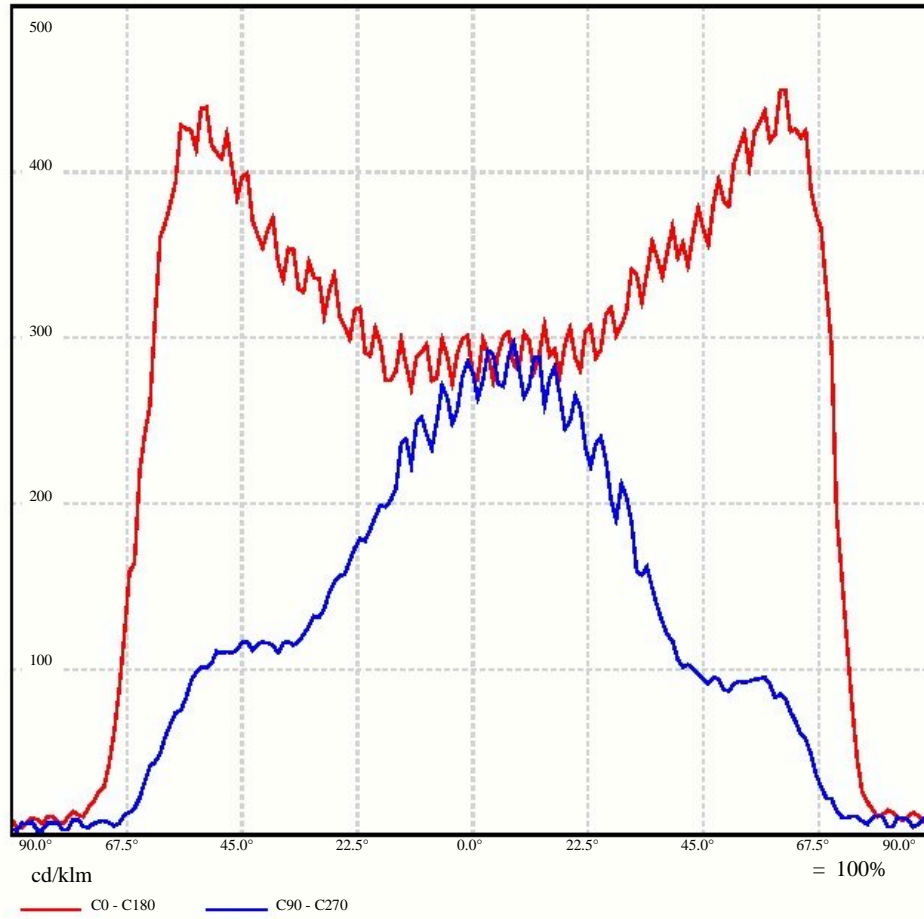
HB-072(90W)
3 x LEDs



HB-072(90W) /

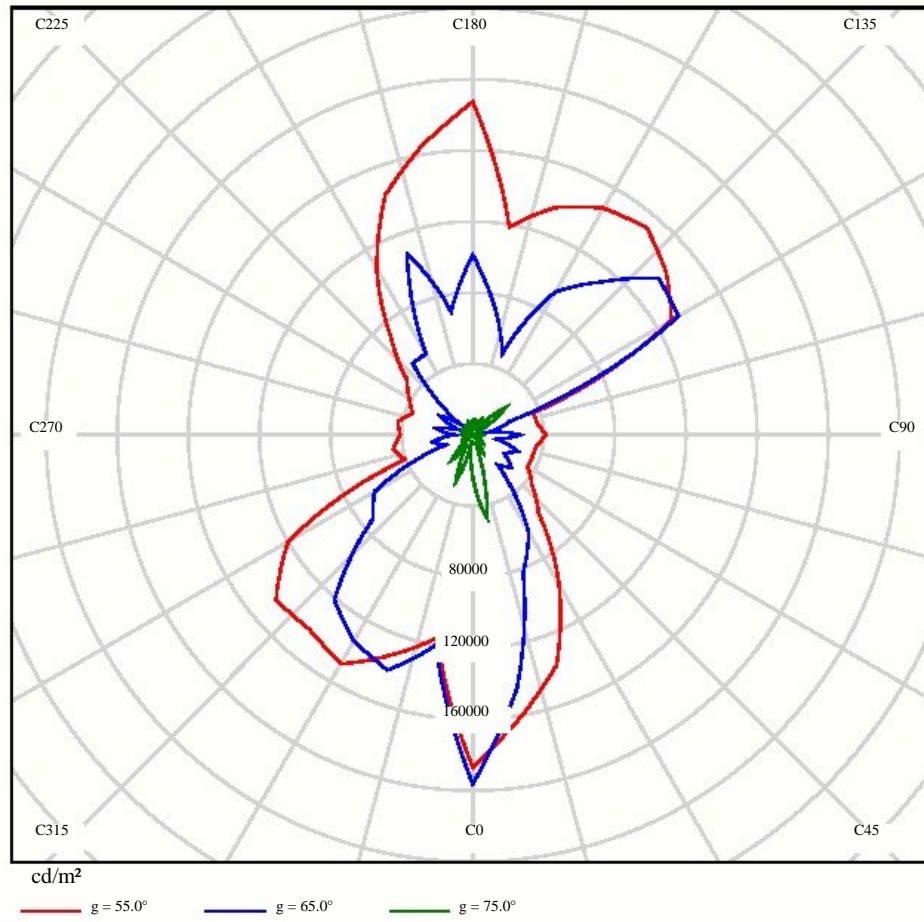
Lighting distribution curve

HB-072(90W)
3 x LEDs



HB-072(90W) / data sheet

HB-072(90W)
3 x LEDs

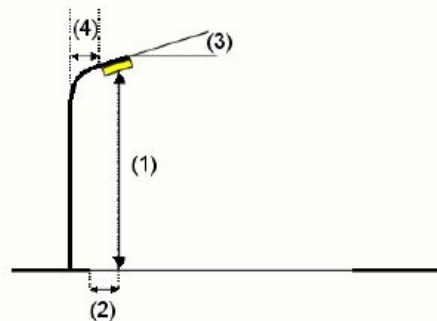
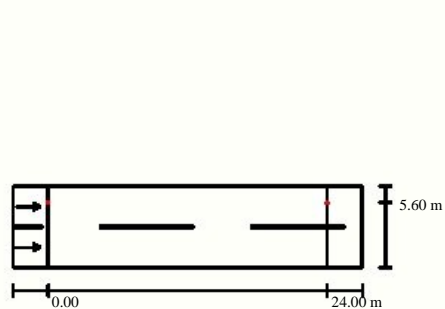


Street cross-section

Road 1 (width: 7.000 m, 2ways road, blacktop : R1, q0: 0.100)

Maintenance factor: 1.00

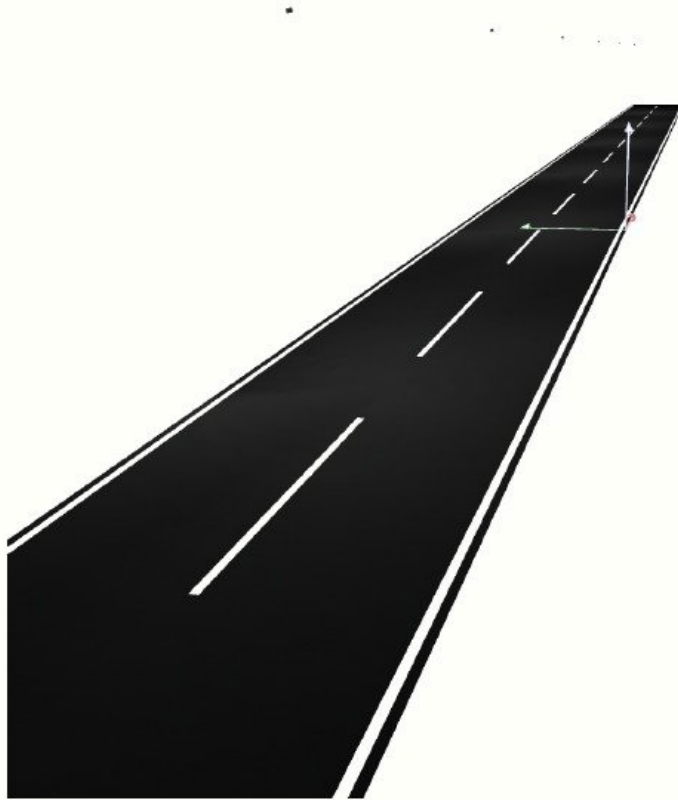
Continuous line of light

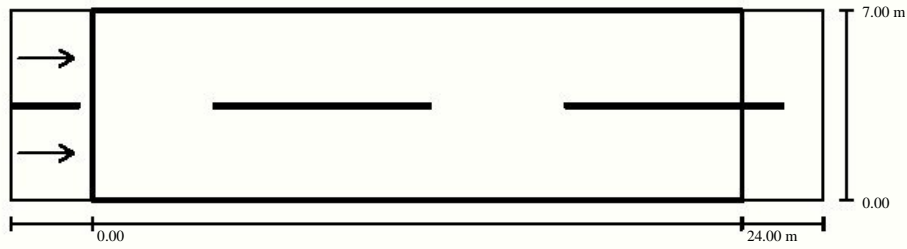


Light fixture:	HB-072(90W)
Lumen Flux:7200lm	Angle 70°:445 cd/klm90.0 W
Power:90W	Angle 80°: 342 cd/klm
Height (1):9M	Angle 90°:26 cd/klm24.000 m
Porminent (2): 1.426 m	
Light angle (3): 15.0 °	D.5.7.903 m
Arm lenght (4): 1.500 m	

8.000 m

90W() / 3D





Maintenance Factor: 1.00

rate 1:215

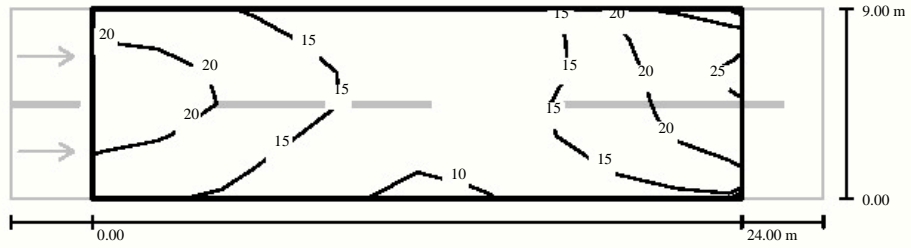
reseau : 10 x 6 spot
 Road 1.
 R1, q0: 0.100, W1, q0: 0.110
 MEW5()

The actual value is calculated:	Average luminance [cd/m ²]	U0	UI	TI [%]	Peripheral illumination coefficient	U0 (wet)
According to the level set of values:	1.4	0.68	0.6	5	0.7	0.36
Yes/Not:	= 0.5	= 0.35	/	= 15	= 0.5	= 0.15
	✓	✓	✓	✓	✓	✓

Rundown box (2):

NO	Rundown box	position [m]	Average luminance [cd/m ²]	U0	UI	TI [%]	U0 (wet)
1	item 1	(-60.000, 1.750, 1.500)	1.4	0.69	0.7	5	0.37
2	item 2	(-60.000, 5.250, 1.500)	1.4	0.68	0.6	5	0.36

90W() / Isolux Curve

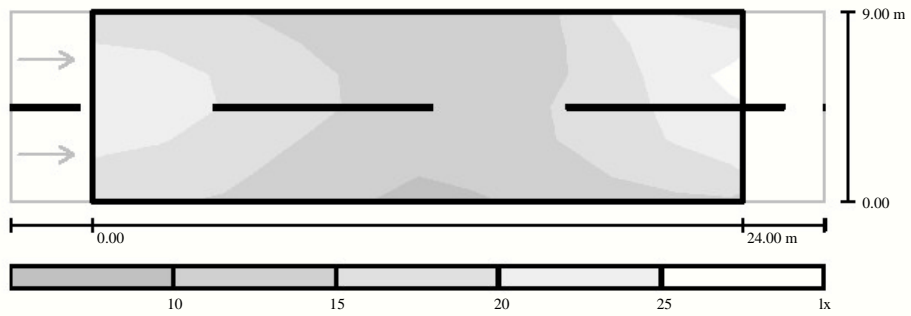


Unit Lux, rate 1 : 215

reseau: 10 x 6 spot

Average [lx]	Min [lx]	Max [lx]	Min / Average	Min / Max
16	9.63	27	0.593	0.360

90W() /Gray SCALE CURVE

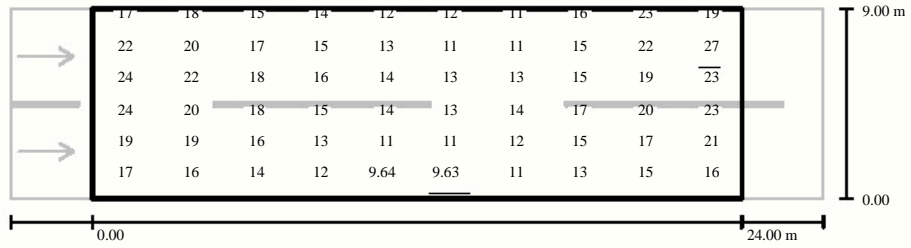


rate 1 : 215

Reseau: 10 x 6 spot

Average [lx]	Min [lx]	Max [lx]	Min / Average	Min / Max
16	9.63	27	0.593	0.360

90W() / Illumination Curve



Unit Lux, rate 1 : 215

Reseau: 10 x 6 Spot

Average [lx]	Min [lx]	Max [lx]	Min / Average	Min / Max
16	9.63	27	0.593	0.360

90W() / Illumination Curve



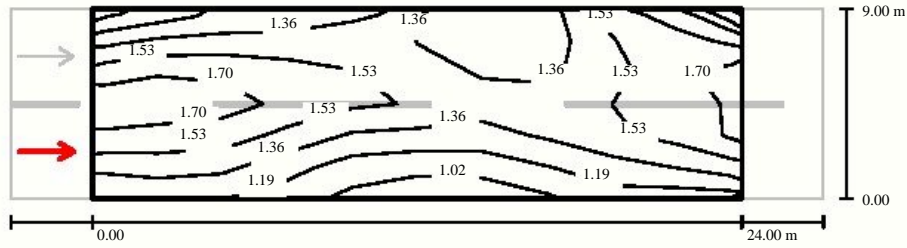
6.417	17	18	15	14	12	12	11	16	23	19
5.250	22	20	17	15	13	11	11	15	22	27
4.083	24	22	18	16	14	13	13	15	19	23
2.917	24	20	18	15	14	13	14	17	20	23
1.750	19	19	16	13	11	11	12	15	17	21
0.583	17	16	14	12	9.64	9.63	11	13	15	16
m	1.200	3.600	6.000	8.400	10.800	13.200	15.600	18.000	20.400	22.800

UnitLux.

Reseau: 10 x 6 Spot

Average [lx]	Min [lx]	Max [lx]	Min / Average	Min / Max
16	9.63	27	0.593	0.360

90W() / Average Illuminance Curve

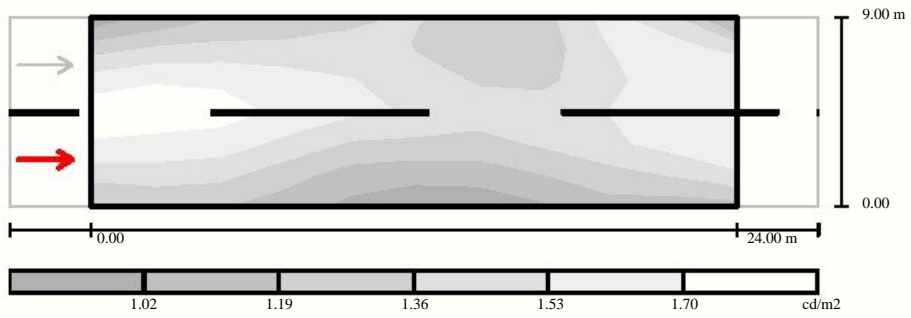


unit Candela/m², rate 1 : 215

Reseau: 10 x 6 spot
 Position: (-60.000 m, 1.750 m, 1.500 m)
 Tar: R1, q0: 0.100, Tar (wet): W1, q0 (wet): 0.110

	Average illuminance [cd/m ²]	U0	U1	TI [%]	U0 (wet)
The actual value is calculated:	1.4	0.69	0.7	5	0.37
According to the level set of values	= 0.5	= 0.35	/	= 15	= 0.15
MEW5:					
Satisfy or not:	✓	✓	✓	✓	✓

90W() / G rayscale



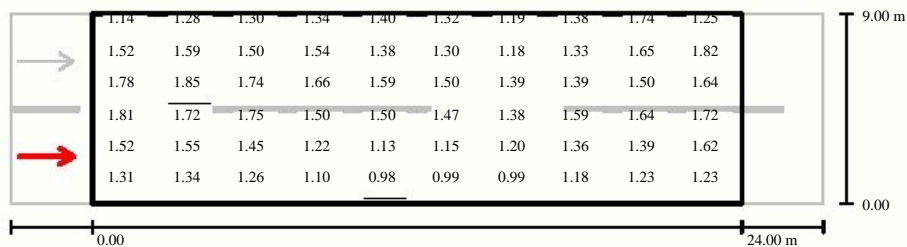
rate 1 : 215

Reseau: 10 x 6 spot
 Position: (-60.000 m, 1.750 m, 1.500 m)
 Tar: R1, q0: 0.100, Tar (wet): W1, q0 (wet): 0.110
 The actual value is calculated:

According to the level set of values
 MEW5:

Average Illuminance [cd/m ²]	U0	U1	TI [%]	U0 (wet)
1.4	0.69	0.7	5	0.37
= 0.5	= 0.35	/	= 15	= 0.15
Satisfy or not:	✓	✓	✓	✓

90W() / Spot Illuminance



Candela/m², 1 : 215

Reseau: 10 x 6 spot
 position: (-60.000 m, 1.750 m, 1.500 m)
 tar: R1, q0: 0.100, tar (wet): W1, q0 (wet): 0.110

	Average illuminance [cd/m²]	U0	U1	TI [%]	U0 (wet)
The actual value is calculated:	1.4	0.69	0.7	5	0.37
According to the level set of values MEW5	= 0.5	= 0.35	/	= 15	= 0.15
Satisfy or not:	✓	✓	✓	✓	✓

90W() / Spot Illuminance



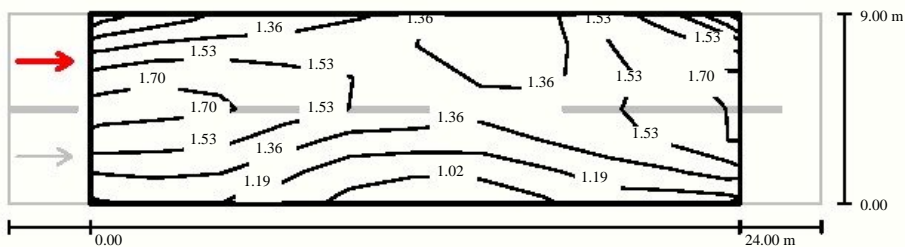
6.417	1.14	1.28	1.30	1.34	1.40	1.32	1.19	1.38	1.74	1.25
5.250	1.52	1.59	1.50	1.54	1.38	1.30	1.18	1.33	1.65	1.82
4.083	1.78	1.85	1.74	1.66	1.59	1.50	1.39	1.39	1.50	1.64
2.917	1.81	1.72	1.75	1.50	1.50	1.47	1.38	1.59	1.64	1.72
1.750	1.52	1.55	1.45	1.22	1.13	1.15	1.20	1.36	1.39	1.62
0.583	1.31	1.34	1.26	1.10	0.98	0.99	0.99	1.18	1.23	1.23
m	1.200	3.600	6.000	8.400	10.800	13.200	15.600	18.000	20.400	22.800

Cand da / m²

Reseau: 10 x 6 spot
 position: (-60.000 m, 1.750 m, 1.500 m)
 tar: R1, q0: 0.100, tar (wet): W1, q0 (wet): 0.110

	Average illuminance [cd/m²]	U0	U1	TI [%]	U0 (wet)
The actual value is calculated:	1.4	0.69	0.7	5	0.37
According to the level set of values MEW5	= 0.5	= 0.35	/	= 15	= 0.15
Satisfy or not:	✓	✓	✓	✓	✓

90W() / AVERAGE ILLUMINANCE CURVE



Unit Candela/m², rate 1 : 215

Reseau: 10 x 6 spot
 Position: (-60.000 m, 5.250 m, 1.500 m)
 Tar: R1, q0: 0.100, Tar (wet): W1, q0 (wet): 0.110

	Average illuminance [cd/m²]	U0	U1	TI [%]	U0 (wet)
The actual value is calculated:	1.4	0.68	0.6	5	0.36
According to the level set of values MEW5	= 0.5	= 0.35	/	= 15	= 0.15
Satisfy or not:	✓	✓	✓	✓	✓

