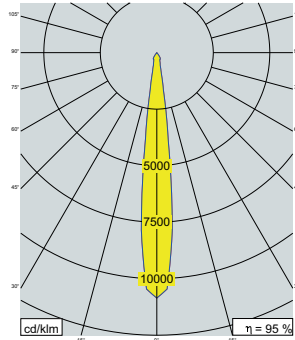
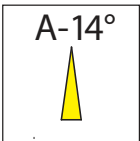


# OPTIKEN & REFLEKTOREN

## REFLEKTOREN TYP A

Aluminiumreflektor  $\varnothing$  111 mm  
Miro 8 beschichtet  
Ausstrahlungswinkel  $14^\circ$

Aluminium reflector  $\varnothing$  111 mm  
Miro 8 coats  
Radiation corner  $14^\circ$

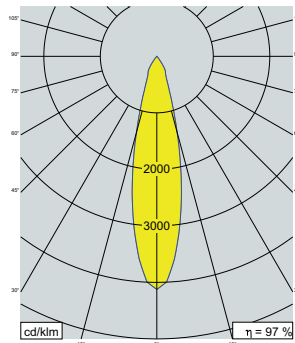
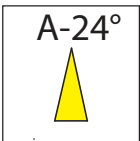


distance [m]	cone diameter [m]	illumination [lx]
1.0	0.21	$E(0^\circ) = 32562$ $E(CD) 6.5^\circ = 16278$
2.0	0.46	$E(0^\circ) = 8140$ $E(CD) 6.5^\circ = 4069$
3.0	0.68	$E(0^\circ) = 3618$ $E(CD) 6.5^\circ = 1808$
4.0	0.91	$E(0^\circ) = 2038$ $E(CD) 6.5^\circ = 1021$
5.0	1.14	$E(0^\circ) = 1302$ $E(CD) 6.5^\circ = 651$

Beam angle =  $2 \times 6.5^\circ = 13.0^\circ$

Aluminiumreflektor  $\varnothing$  111 mm  
Miro 4 beschichtet  
Ausstrahlungswinkel  $24^\circ$

Aluminium reflector  $\varnothing$  111 mm  
Miro 4 coats  
Radiation corner  $24^\circ$

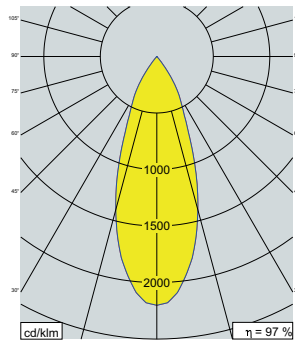
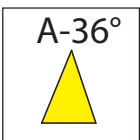


distance [m]	cone diameter [m]	illumination [lx]
2.0	0.84	$E(0^\circ) = 4122$ $E(CD) 11.9^\circ = 2077$
3.0	1.26	$E(0^\circ) = 1832$ $E(CD) 11.9^\circ = 927$
4.0	1.69	$E(0^\circ) = 1031$ $E(CD) 11.9^\circ = 504$
5.0	2.11	$E(0^\circ) = 650$ $E(CD) 11.9^\circ = 322$

Beam angle =  $2 \times 11.9^\circ = 23.8^\circ$

Aluminiumreflektor  $\varnothing$  111 mm  
Miro 4 beschichtet  
Ausstrahlungswinkel  $36^\circ$

Aluminium reflector  $\varnothing$  111 mm  
Miro 4 coats  
Radiation corner  $36^\circ$

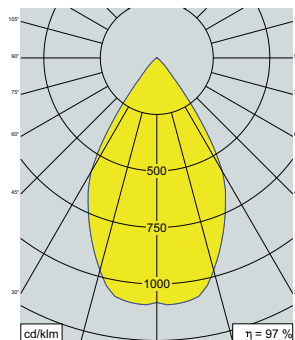
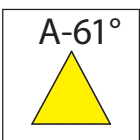


distance [m]	cone diameter [m]	illumination [lx]
1.0	0.67	$E(0^\circ) = 8800$ $E(CD) 18.4^\circ = 4198$
2.0	1.33	$E(0^\circ) = 2200$ $E(CD) 18.4^\circ = 1047$
3.0	2.00	$E(0^\circ) = 978$ $E(CD) 18.4^\circ = 465$
4.0	2.66	$E(0^\circ) = 560$ $E(CD) 18.4^\circ = 262$
5.0	3.33	$E(0^\circ) = 352$ $E(CD) 18.4^\circ = 168$

Beam angle =  $2 \times 18.4^\circ = 36.8^\circ$

Aluminiumreflektor  $\varnothing$  111 mm  
Miro 20 beschichtet  
Ausstrahlungswinkel  $61^\circ$

Aluminium reflector  $\varnothing$  111 mm  
Miro 20 coats  
Radiation corner  $61^\circ$



distance [m]	cone diameter [m]	illumination [lx]
1.0	1.19	$E(0^\circ) = 4325$ $E(CD) 30.7^\circ = 1883$
2.0	2.38	$E(0^\circ) = 1081$ $E(CD) 30.7^\circ = 471$
3.0	3.56	$E(0^\circ) = 481$ $E(CD) 30.7^\circ = 209$
4.0	4.75	$E(0^\circ) = 270$ $E(CD) 30.7^\circ = 118$
5.0	5.94	$E(0^\circ) = 173$ $E(CD) 30.7^\circ = 75$

Beam angle =  $2 \times 30.7^\circ = 61.4^\circ$

## WEITERE REFLEKTOREN

	<b>REFLEKTOREN TYP B</b> BRAGA	Aluminiumreflektor $\varnothing$ 80 mm Aluminium reflector $\varnothing$ 80 mm	  
	<b>REFLEKTOREN TYP C</b> ALMADA	Aluminiumreflektor $\varnothing$ 115 mm Aluminium reflector $\varnothing$ 115 mm	  
	<b>REFLEKTOREN TYP D</b> SOL 75S	Reflektor $\varnothing$ 45 mm Reflector $\varnothing$ 45 mm	  
	<b>REFLEKTOREN TYP E</b> SOL 90S	Reflektor $\varnothing$ 58 mm Reflector $\varnothing$ 58 mm	 
	<b>REFLEKTOREN TYP F</b> PINTO-XS	Aluminiumreflektor $\varnothing$ 75 mm Aluminium reflector $\varnothing$ 75 mm	  
	<b>REFLEKTOREN TYP H</b> COMPACTA 195	Aluminiumreflektor $\varnothing$ 165 mm Aluminium reflector $\varnothing$ 165 mm	
	<b>REFLEKTOREN TYP J</b> SEAGULL TRACK	Aluminiumreflektor Miro 7 Doppelt-Asymmetrisch aluminium reflektor miro 7 batwing	  
	<b>REFLEKTOREN TYP K</b> FLEXI	Aluminiumreflektor Miro 20 Aluminium reflector Miro 20	
	<b>REFLEKTOREN TYP L</b> RECTA-S	Aluminiumreflektor Miro 20 Aluminium reflector Miro 20	
	<b>DIFFUSE OPTIK</b>	Diffuse Lichtverteilung z.B. durch Chintz-Stoff / Plexiglas Diffuse light distribution e.g. by chintz fabric /plexiglass	