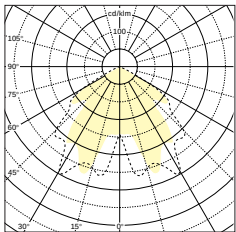


Photometry

Heightmaster 150W SON No Visor



- SHR MAX = 1.992
- DLOR = 0.85
- ULOR = 0.00

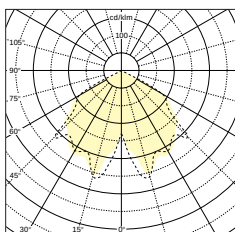


UTILISATION FACTORS UF(F)			SHR NOM=1.50									
Room Reflectance			Room Index									
C	W	F	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00		
0.70	0.50	0.20	0.66	0.72	0.76	0.81	0.85	0.87	0.90	0.91		
0.50	0.30	0.20	0.60	0.65	0.70	0.75	0.79	0.81	0.84	0.86		
0.00	0.00	0.00	0.54	0.59	0.63	0.69	0.72	0.74	0.77	0.78		

Heightmaster 250W SON Clear Visor



- SHR MAX = 1.914
- DLOR = 0.87
- ULOR = 0.01

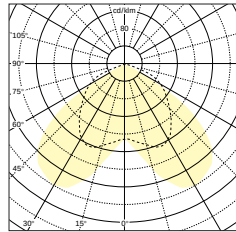


UTILISATION FACTORS UF(F)			SHR NOM=1.50									
Room Reflectance			Room Index									
C	W	F	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00		
0.70	0.50	0.20	0.66	0.72	0.76	0.82	0.86	0.88	0.92	0.94		
0.50	0.30	0.20	0.59	0.65	0.69	0.75	0.79	0.82	0.85	0.88		
0.00	0.00	0.00	0.52	0.58	0.62	0.67	0.71	0.73	0.76	0.78		

Powerbay 250W SON-T



- SHR MAX = 2.37
- DLOR = 0.79
- ULOR = 0.00

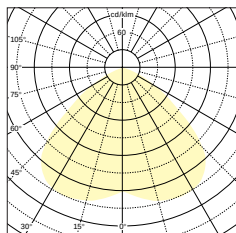


UTILISATION FACTORS UF(F)												SHR NOM=2.25
Room Reflectance			Room Index									
C	W	F	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	
0.70	0.50	0.20	-	-	0.69	0.72	0.77	0.79	0.81	0.84	0.85	
0.50	0.30	0.20	-	-	0.64	0.67	0.71	0.74	0.76	0.79	0.80	
0.00	0.00	0.00	-	-	0.59	0.61	0.65	0.68	0.70	0.72	0.73	

Hibay Series 2 250W HQI-E



- SHR MAX = 1.86
- DLOR = 0.78
- ULOR = 0.01

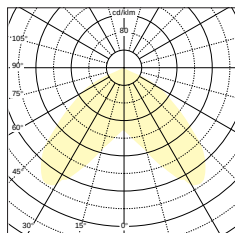


UTILISATION FACTORS UF(F)											SHR NOM=1.75	
Room Reflectance			Room Index									
C	W	F	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	
0.70	0.50	0.20	-	0.65	0.70	0.73	0.77	0.80	0.81	0.84	0.85	
0.50	0.30	0.20	-	0.61	0.65	0.68	0.72	0.75	0.77	0.79	0.80	
0.00	0.00	0.00	-	0.56	0.60	0.63	0.66	0.69	0.70	0.72	0.73	

Hibay Series 2 250W SON



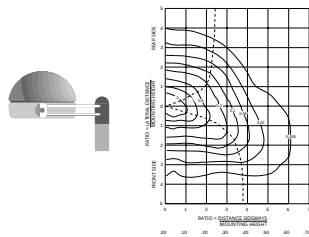
- SHR MAX = 1.61
- DLOR = 0.85
- ULOR = 0.01



UTILISATION FACTORS UF(F)												SHR NOM=1.50
Room Reflectance			Room Index									
C	W	F	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	
0.70	0.50	0.20	0.61	0.68	0.74	0.77	0.82	0.85	0.87	0.90	0.92	
0.50	0.30	0.20	0.55	0.62	0.68	0.72	0.77	0.80	0.82	0.85	0.87	
0.00	0.00	0.00	0.50	0.57	0.62	0.66	0.70	0.73	0.75	0.77	0.79	

Magnudisc

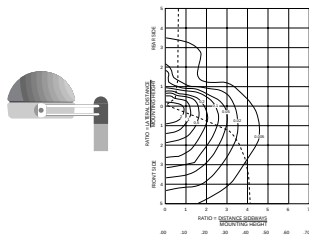
150W SON
Distribution P - General Area



Height (m)	4	5	6	7	8
Factor	2.25	1.44	1.00	0.73	0.56

Magnudisc

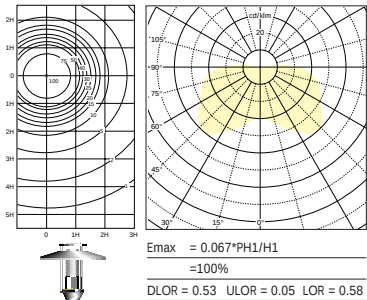
150W SON
Distribution T - Forward Throw



Height (m)	4	5	6	7	8
Factor	2.25	1.44	1.00	0.73	0.56

Visionary 2310

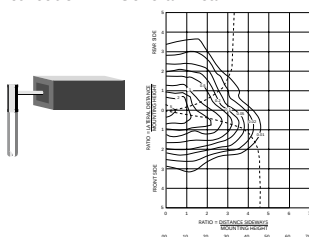
1x70W SON



$$E_{max} = 0.067 \cdot PH1/H1$$
$$\approx 100\%$$
$$DLOR = 0.53 \quad ULOR = 0.05 \quad LOR = 0.58$$

Magnuform

150W SON
Distribution P - General Area



Height (m)	4	5	6	7	8	9
Conversion Factor	2.25	1.44	1.00	0.73	0.56	0.44