

### INDUSTRIAL 230 V REFLECTORS

Shape and Type of lamp		Discharge lamps (W)											
		125W	150W			250W							
	ME ellipse metal halides		150			250	250*						
	MC transparent bulb ellipse metal halides			150									
	MT tubular metal halides						250	250*					
	SE ellipse high pressure sodium			150					250				
	ST tubular high pressure sodium				150					250			
	QE mercury vapour	125								250			
	High power compact fluorescent												
	Tubular fluorescent												
	Electronic power feed compact fluorescent												
IP 65	HALLE	Normal reflector	Graphite grey (optics compartment IP23)			GW 83 001 S	GW 83 003 M	GW 83 004 M		GW 83 003 S	GW 83 002 Q		
			Aluminium (optic compartment IP23)		GW 83 301	GW 83 301		GW 83 303	GW 83 304		GW 83 303		
		Graphite grey - glass optics closure part					GW 83 026 S	GW 83 028 M	GW 83 029 M		GW 83 028 S	GW 83 027 Q	
		Aluminium - glass optics closure part		GW 83 326	GW 83 326			GW 83 328	GW 83 329		GW 83 328		
	Diffused reflector	Graphite grey - glass optics closure part					GW 83 126 S	GW 83 128 M	GW 83 129 M		GW 83 128 S	GW 83 127 Q	
		Graphite grey - PC Bowl optics closure part					GW 83 151 S	GW 83 153 M	GW 83 154 M		GW 83 153 S	GW 83 152 Q	
		Graphite grey - PMMA Bowl optics closure part					GW 83 176 S	GW 83 178 M	GW 83 179 M		GW 83 178 S	GW 83 177 Q	
	Reinforced beam reflector	Graphite grey - glass optics closure part						GW 83 228 M	GW 83 229 M		GW 83 228 S	GW 83 227 Q	
	Flat reflector	Aluminium (optics compartment IP23)		GW 83 426	GW 83 426			GW 83 428	GW 83 429		GW 83 428		
		Aluminium - glass optics closure part		GW 83 451				GW 83 453	GW 83 454		GW 83 453		
	Transparent reflector	Aluminium (optics compartment IP23)		GW 83 401	GW 83 401			GW 83 403	GW 83 404		GW 83 403		
		Aluminium - PMMA Bowl optics closure part		GW 83 476	GW 83 476			GW 83 478	GW 83 479		GW 83 478		
	KONO	Diffused reflector	Glass optics closure part					GW 84 803 M	GW 84 826 M		GW 84 803 S		
	IP 23	HERCULES	Normal reflector	Open ended optics compartment		GW 84 101 Q			GW 84 104 M	GW 84 105 M		GW 84 104 S	GW 84 102 Q
Diffused reflector			Open ended optics compartment		GW 84 880 Q			GW 84 883 M	GW 84 886 M		GW 84 883 S	GW 84 881 Q	
Transparent reflector			Open ended optics compartment		GW 85 891 Q			GW 85 894 M	GW 85 895 M		GW 85 894 S	GW 85 892 Q	
IP 21	FRIBAY	Symmetrical optics	Open ended optics compartment						GW 85 942 M	GW 85 943 M	GW 85 942 S	GW 85 941 Q	
		Asymmetrical optics	Open ended optics compartment						GW 85 972 M	GW 85 973 M	GW 85 972 S		
IP 65	ZNT	Diffused optics	Magnetic power supply										
			Electronic power supply										
			Low loss magnetic power supply										
			Double insulation										

\* Lamp with 0.7 ÷ 1 kV striking voltage.

WEATHERPROOF REFLECTORS AND LUMINAIRES

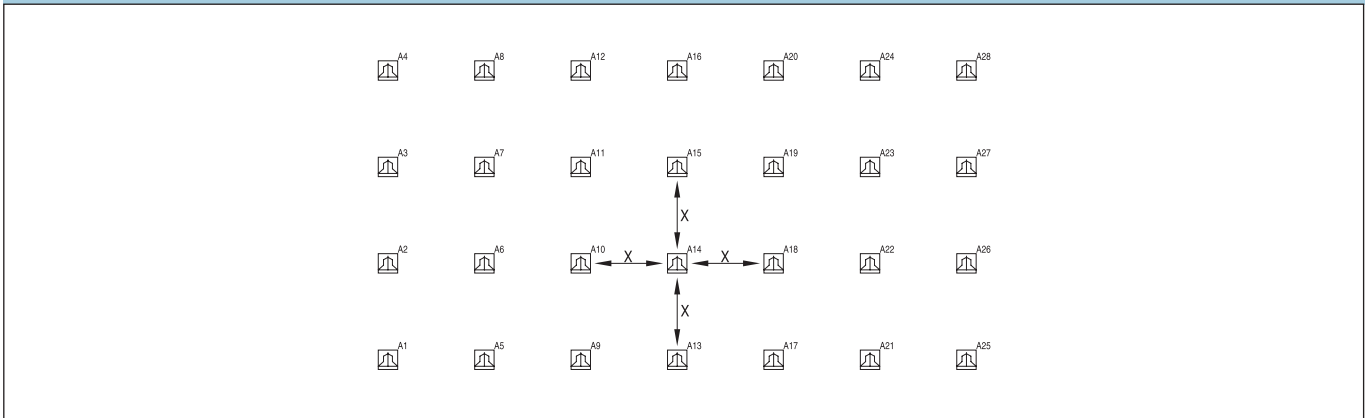
## SELECTION GUIDE

### INDUSTRIAL 230 V REFLECTORS

Discharge lamps (W)		Fluorescent (W)																
		400W		120 3000°K	120 4000°K	1x18	1x36	1x58	2x18	2x36	2x58	1x55	2x55	2x80	4x55			
400	400*																	
		400	400*															
				400														
					400													
						400												
							120	120										
									1x18	1x36	1x58	2x18	2x36	2x58				
														1x55	2x55	2x80	4x55	
GW 83 006 M	GW 83 007 M			GW 83 006 S		GW 83 006 Q												
GW 83 306	GW 83 307			GW 83 306		GW 83 541 F	GW 83 542 F											
GW 83 031 M	GW 83 032 M			GW 83 031 S		GW 83 030 Q												
GW 83 331	GW 83 332			GW 83 331														
GW 83 131 M	GW 83 132 M			GW 83 131 S		GW 83 130 Q												
GW 83 156 M	GW 83 157 M			GW 83 156 S		GW 83 155 Q												
GW 83 231 M	GW 83 232 M			GW 83 231 S		GW 83 230 Q												
GW 83 431	GW 83 432			GW 83 431		GW 83 551 F	GW 83 552 F											
GW 83 456	GW 83 457			GW 83 456														
GW 83 406	GW 83 407			GW 83 406		GW 83 546 F	GW 83 547 F											
GW 83 481	GW 83 482			GW 83 481														
GW 84 805 M	GW 84 827 M			GW 84 805 S														
GW 84 106 M	GW 84 107 M			GW 84 106 S		GW 84 103 Q												
GW 84 885 M	GW 84 887 M			GW 84 885 S		GW 84 882 Q												
GW 85 896 M	GW 85 897 M			GW 85 896 S		GW 85 893 Q												
		GW 85 944 M	GW 85 945 M		GW 85 944 S													
		GW 85 974 M	GW 85 975 M		GW 85 974 S													
									GW 80 001	GW 80 002	GW 80 003	GW 80 004	GW 80 005	GW 80 006				
									GW 80 141	GW 80 142	GW 80 143	GW 80 144	GW 80 145	GW 80 146	GW 80 191	GW 80 192 GW 80 193	GW 80 194	GW 80 195
									GW 80 151	GW 80 152	GW 80 153	GW 80 154	GW 80 155	GW 80 156				
									GW 80 161	GW 80 162	GW 80 163	GW 80 164	GW 80 165	GW 80 166				

WEATHERPROOF REFLECTORS AND LUMINAIRES

### SELECTION GUIDE



In the tables below, the installation interdistances for the various types of product are suggested according to the average lighting level required at ground level and to the height of the installation.

This way it is possible to evaluate which solution is best in terms of number of luminaires installed and the actual power used. The solutions to be preferred are indicated in the table, but they do not exclude any other layout, which is to be checked with the lighting engineering project to be made with the Prolite software.

### MEDIUM LIGHTING 150 LUX UNIFORMITY > 65%

REFLECTOR	DISH	TRANSPARENT	Ø 470 NORMAL	Ø 470 NORMAL	Ø 470 PRISMATIC	Ø 570 DIFFUSED	Ø 570 RESTRICTED BEAM	DIFFUSED SYMMETRICAL
HERCULES								
HALLE								
KONO FRIBAY								
SOURCE	HEIGHT OF INSTALL. (m)	INTER-SPACING (m)						
250 W ME	8	10,5	9,5	11	-	-	-	11
250 W ME	10	10	9,5	11	9	10,5	-	10
400 W ME	12	-	13	13	9	13,5	14	-
400 W ME	14	-	-	-	10	-	13	-

### MEDIUM LIGHTING 250 LUX UNIFORMITY > 65%

REFLECTOR	DISH	TRANSPARENT	Ø 470 SCORED	Ø 470 NORMAL	Ø 470 PRISMATIC	Ø 570 DIFFUSED	Ø 570 RESTRICTED BEAM	DIFFUSED SYMMETRICAL
	HERCULES							
HALLE								
KONO FRIBAY								
SOURCE	HEIGHT OF INSTALL. (m)	INTER-SPACING (m)						
250 W ME	8	8,5	7	8,5	-	-	-	9
250 W ME	10	8	7	8,5	7,5	8	-	8,5
400 W ME	12	-	10,5	10,5	8	10	11	-
400 W ME	14	-	-	-	8	-	10	-

WEATHERPROOF REFLECTORS AND LUMINAIRES

### MEDIUM LIGHTING 400 LUX UNIFORMITY > 65%

REFLECTOR	DISH	TRANSPARENT	Ø 470 SCORED	Ø 470 NORMAL	Ø 470 PRISMATIC	Ø 570 DIFFUSED	Ø 570 RESTRICTED BEAM	DIFFUSED SYMMETRICAL
	HERCULES							
HALLE								
KONO FRIBAY								
SOURCE	HEIGHT OF INSTALL. (m)	INTER-SPACING (m)						
250 W ME	8	6,5	6	6,5	-	-	-	6,5
250 W ME	10	6	6	6,5	6	6,5	-	6,5
400 W ME	12	-	8	8	6	8	9	-
400 W ME	14	-	-	-	5,5	-	8	-