

	Diamond Grade™ DG <sup>3</sup>	High Intensity Prismatic Grade	Advanced Engineer Grade Prismatic	Engineer Grade
<b>Brightness</b>	maximum	medium	poor	poor
<b>Light density</b>	highly reflective	reflective	reflective	reflective
<b>Reflectivity class</b>	RA3	RA2	RA1	RA1
<b>Film structure</b>	C	C	C	C
<b>Functionality/ Technology</b>	microprismatic/ Full Cube-Technologie	microprismatic/ Truncated Corner Cube-Technologie	microprismatic Corner Cube Technologie	microprismatic from series 3430/ Conventional angled reflector (3200 and 3210 series still with glass sphere technology)
<b>Durability</b>	12 Years	10 Years	up to 7 Years (depends on 3M series)	up to 7 Years (depends on 3M series)
<b>Requirements/ Standards</b>	maximum performance standard according to DIN 67520, fulfills EN 12899-1, class UK-3C	Medium performance standard, meets DIN 67520 and DIN 6171 meets EN 12899-1, class RA 2	fulfills DIN 67520 and DIN 6171, EN12899-1	EN12899-1:2007
<b>Range of appli- cation</b>	Suitable for all locations and traffic situations (e.g. freeways, bright inner-city areas, locations with high traffic volumes)	Suitable for locations with medium traffic vo- lumes (e.g. rural roads, urban areas)	Suitable for dimly lit loca- tions with low traffic den- sity	Suitable for non-critical traffic signs such as stopp- ing restrictions or tourist information signs
<b>Advantages and added value</b>	<b>1</b> More visible at greater distances and unfavorable positions of traffic signs			
	<b>2</b> Better visibility of the signs for road users with a raised seating area (e.g. trucks, SUVs)			
	<b>3</b> Lower maintenance costs due to longer service life			
	<b>4</b> also helps to reduce ex- penditure on street light- ing			