

C Classification Selection

Project Name Ratoath South SHD ~ Outer Relief Road

Project Number 21068

From Table 3 - Parameters for the selection of lighting class C CEN/TR 13201-1:2014

Parameter	Options	Description ^a	Weighting Value V_w ^a	Designer Selection
Design speed or speed limit	Very high	$v \geq 100\text{km/h}$	3	
	High	$70 < v < 100 \text{ km/h}$	2	
	Moderate	$40 < v \leq 70 \text{ km/h}$	0	0
	Low	$v \leq 40 \text{ km/h}$	-1	
Traffic volume	High		1	
	Moderate		0	0
	Low		-1	
Traffic composition	Mixed with high percentage of non-motorised		2	
	Mixed		1	
Separation of carriageway	Motorised only		0	0
	No		1	1
	Yes		0	
Parked vehicles	Present		1	
	Not present		0	0
Ambient luminosity	High	Shopping windows, advertisement expressions, sports fields, station areas, storage areas	1	
	Moderate	Normal situation	0	0
	Low		-1	
Navigational task	Very difficult		2	
	Difficult		1	1
	Easy		0	

^a The values stated in the column are an example. Any adaption of the method or more appropriate weighting values can be used instead, on the national level.

Number of lighting classes 6

Weighting value V_w 2

Lighting class selected 4