EQUIPMENT DESIGN + MANUFACTURE

BUG Report What is BUG?

The BUG rating is used to describe distribution and intensity of light from a luminaire. It is often used to establish performance of exterior luminaires and to provide specifications for luminaires on lighting schemes.

B (Backlight)	The light directed behind the fixture.	
U (Uplight)	Any light directed upward (often seen	
	as light pollution, or sky glow).	
G (Glare)	The amount of light emitted from the luminaire at high angles (can be seen as the amount of 'discomfort' caused by a luminaire).	



BUG rating:	B0 U3 G0			
Forward light	Lumens	Lumens %		
Low(0-30):	0.1	0.2%		
Medium(30-60):	0.4	0.6%		
High(60-80):	1	1.3%		
Very high(80-90):	1.3	1.8%		
Back light				
Low(0-30):	0.1	0.2%		
Medium(30-60):	0.4	0.6%		
High(60-80):	1	1.3%		
Very high(80-90):	1.3	1.8%		
Uplight				
Low(90-100):	4.8	6.5%		
High(100-180):	64.3	85.9%		

