













DTL SERIES

TRANSMITTED LIGHT DOME








Differently from DOM series, the light is transmitted uniformly through the dome, which is of translucent material, allowing more compact domes better covering the object. Specially designed for bright curved surfaces, eliminating brightness and shadows. Also, this system can get the lighting dome divided in three sectors controllable independently, increasing versatility. Ideal for inspection of welds.

TECHNICAL DATA		DTL3521B
	ULTRA DIFFUSE LIGHT	
DIMENSIONS	Ø225x85	
BOTTOM Ø	55	
RWD (mm)	<50	
WEIGHT	1440g	
IP RATING	IP50	
MOUNTING HOLES	(x2)M8∇8 (x6)M4∇6	
CONNECTION	4P male chassis connector. PIN 1 = +24V PIN 2 = 0V inner sector PIN 3 = 0V middle sector PIN 4 = 0V outer sector (cable non-included)	
MODIFIERS ¹	NO	
ACCESSORIES ²		
MAX. OPERATING HUMIDITY	85% non-condensing	
OPERATING T°	0 - 40°C	
STORAGE T°	0 - 60°C	
HOUSING MATERIAL	Anodized aluminium	

- (1) Optional modifications on the standard lighting system from manufacturing.
 (2) Accessories are non-included. More information in accessories section.

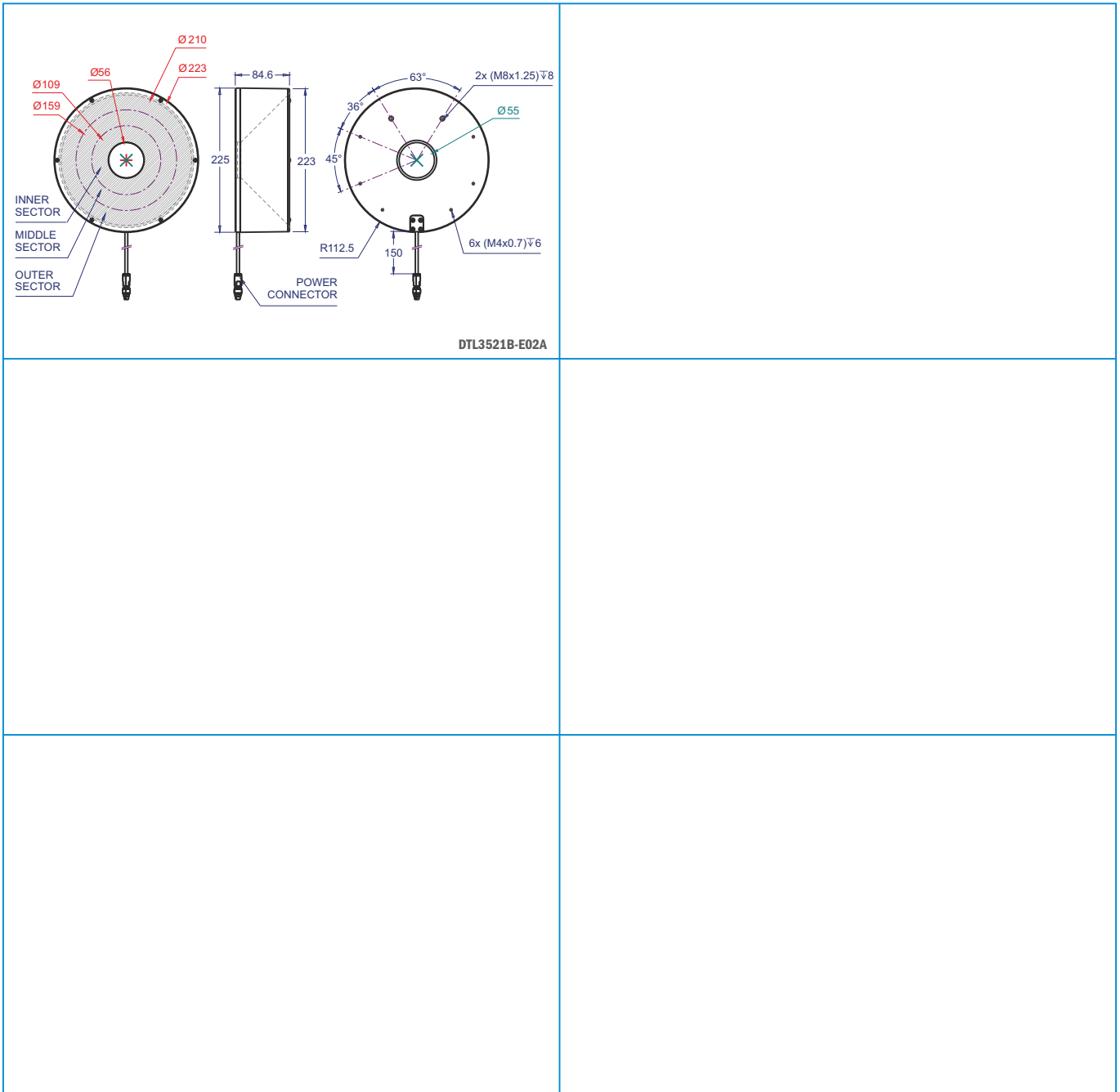
INSTANTANEOUS CONSUMPTION (Max.)	Lighting model*			WT*	
	DTL3521B (inner sector)	DTL3521B (middle sector)	DTL3521B (outer sector)		
TYPE C (24VDC)		6.4W	13W	16W	-470C
		6.4W	13W	16W	-525C
		6.4W	13W	16W	-630C
		6.4W	13W	16W	-880C
		6.4W	13W	16W	-940C
		6.4W	13W	16W	-W00C
TYPE P	No type P standard LED lighting systems on this series.				
TYPE S D _{max} = 1/20 Ton max= 2ms		1055mA / 25W	2110mA / 51W	2640mA / 63W	-470S
		1055mA / 25W	2110mA / 51W	2640mA / 63W	-525S
		1055mA / 25W	2110mA / 51W	2640mA / 63W	-630S
		2510mA / 60W	5015mA / 120W	6270mA / 150W	-880S
		2510mA / 60W	5015mA / 120W	6270mA / 150W	-940S
		1055mA / 25W	2110mA / 51W	2640mA / 63W	-W00S

Take note that consumption table is for guidance. To refer to real values, consult product label when purchasing. | *ORDER REFERENCE = Lighting model + WT

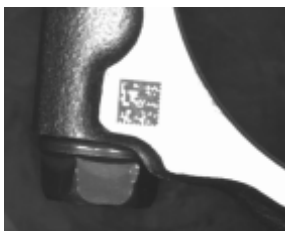
 UV- (365nm)  UV (400nm)  BLUE (470nm)  GREEN (525nm)  RED (630nm)  IR (880nm)  IR+ (940nm)  WHITE



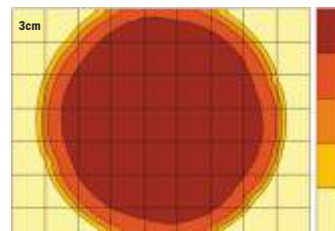
► **TECHNICAL DRAWINGS** (All units in millimeters, if not indicated)



► **ADDITIONAL INFORMATION**



Example of DTL captured images



Brightness distribution of DTL3521B-630C@5mm