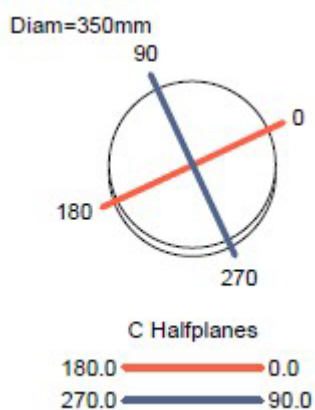
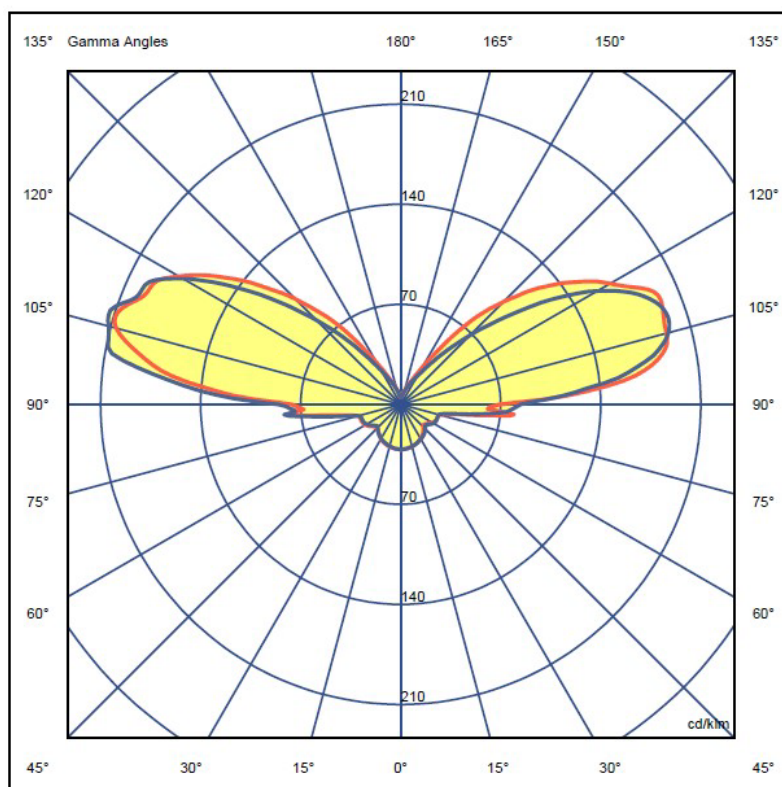


Photometric Test Report

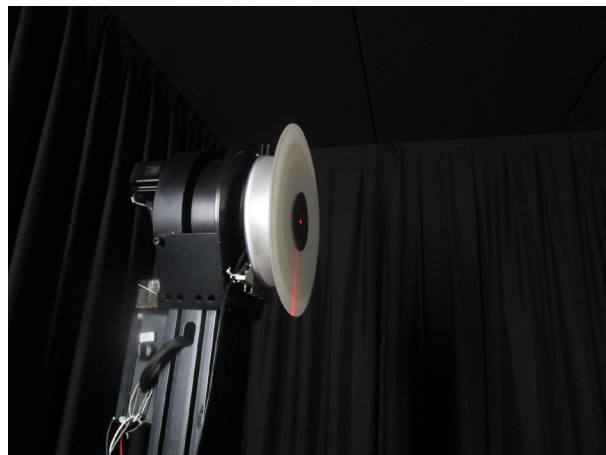
Appliance Dates & Address			
Applicant	LEUCOS	Address	Via del Commercio 22, 36060 Romano d'Ezzelino (VI)
Date of receipt of test item	29 agosto 2022	Model ref.	BETA SMALL P/PL
Technical datas	LED - 230V - 3000K		
Applied standard			
<input checked="" type="checkbox"/> UNI 13032-1:2012 + UNI 13032-4:2019		<input type="checkbox"/>	
Regional Law			
<input type="checkbox"/>		<input type="checkbox"/>	
Consideration / Notes:			
Environmental & Electrical Conditions:			
Operator	Gaetano Pagliaro	Temperature	25.00 °C
Rated Voltage		Humidity	60.00 %
Rated Current			
Luminaire Characteristics			
Round Luminaire Diam.	350 mm	Round Luminous Area Diam.	350 mm
Round Luminaire H.	55 mm	Round Luminous Area H.	55 mm
Summary of Results			
Coordinate system	CG	Symmetry Type	Asymmetrical
Measurement Distance	11.480 m	Maxi Gamma Angle	180
Luminaire Flux	299.19 lm	Sources Flux	299.19 lm
Luminaire Power	12.39 W	Maximum Value	213.77 cd/klm
Efficacy	24.15 lm/W	Position	C=270.00 G=107.00
Efficiency	100.00 %	CG Double Symmetrical	
Luminaire Lamps			
Manufacturer	LEUCOS	Flux (lm)	299.19
Model Ref.	BETA SMALL P/PL	Pow. (W)	12.39
		Q.t	1



ULOR 78.50%
DLOR 21.49%
RN 78.50%



Pictures of the tested sample:



UGR TABLE

S = 0.250

Reflectancies										
Ceiling/Cavity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Working Plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room Dimensions	Viewed Crosswise					Viewed Endwise				
X=2H y=2H	< 0	< 0	< 0	< 0	0.7	< 0	< 0	< 0	< 0	0.5
X=2H y=3H	0.6	1.3	1.8	2.4	4.0	0.5	1.1	1.6	2.2	3.8
X=2H y=4H	2.4	3.0	3.6	4.2	5.8	2.3	2.9	3.4	4.0	5.6
X=2H y=6H	5.1	5.6	6.2	6.8	8.4	5.3	5.8	6.4	7.0	8.6
X=2H y=8H	7.0	7.6	8.2	8.7	10.4	7.5	8.0	8.7	9.2	10.8
X=2H y=12H	9.5	10.0	10.7	11.2	12.8	10.0	10.5	11.1	11.6	13.3
X=4H y=2H	< 0	< 0	< 0	0.2	1.8	< 0	< 0	< 0	0.0	1.6
X=4H y=3H	1.8	2.3	3.0	3.5	5.1	1.7	2.2	2.8	3.3	5.0
X=4H y=4H	3.7	4.2	4.9	5.3	7.0	3.6	4.1	4.8	5.3	6.9
X=4H y=6H	6.5	7.0	7.7	8.1	9.8	6.9	7.3	8.1	8.5	10.1
X=4H y=8H	8.6	9.0	9.8	10.2	11.9	9.2	9.5	10.4	10.7	12.4
X=4H y=12H	11.2	11.6	12.4	12.8	14.4	11.7	12.0	12.9	13.2	14.9
X=8H y=4H	4.5	4.9	5.7	6.1	7.8	4.6	5.0	5.8	6.1	7.8
X=8H y=6H	7.7	8.1	8.9	9.2	10.9	8.2	8.5	9.4	9.7	11.4
X=8H y=8H	10.0	10.3	11.2	11.5	13.2	10.7	10.9	11.9	12.1	13.8
X=8H y=12H	12.8	13.0	14.0	14.3	16.0	13.3	13.5	14.5	14.8	16.5
X=12H y=4H	4.9	5.3	6.1	6.5	8.1	5.0	5.4	6.2	6.6	8.2
X=12H y=6H	8.3	8.6	9.5	9.8	11.5	8.8	9.0	10.0	10.2	11.9
X=12H y=8H	10.7	10.9	11.9	12.1	13.8	11.3	11.6	12.5	12.8	14.5

Testing Laboratory: Zanelli S.r.l.
Tested by Gaetano Pagliaro

FIRMA:
Gaetano Pagliaro