



GKB VISION PVT LTD

TECHNICAL DATASHEET

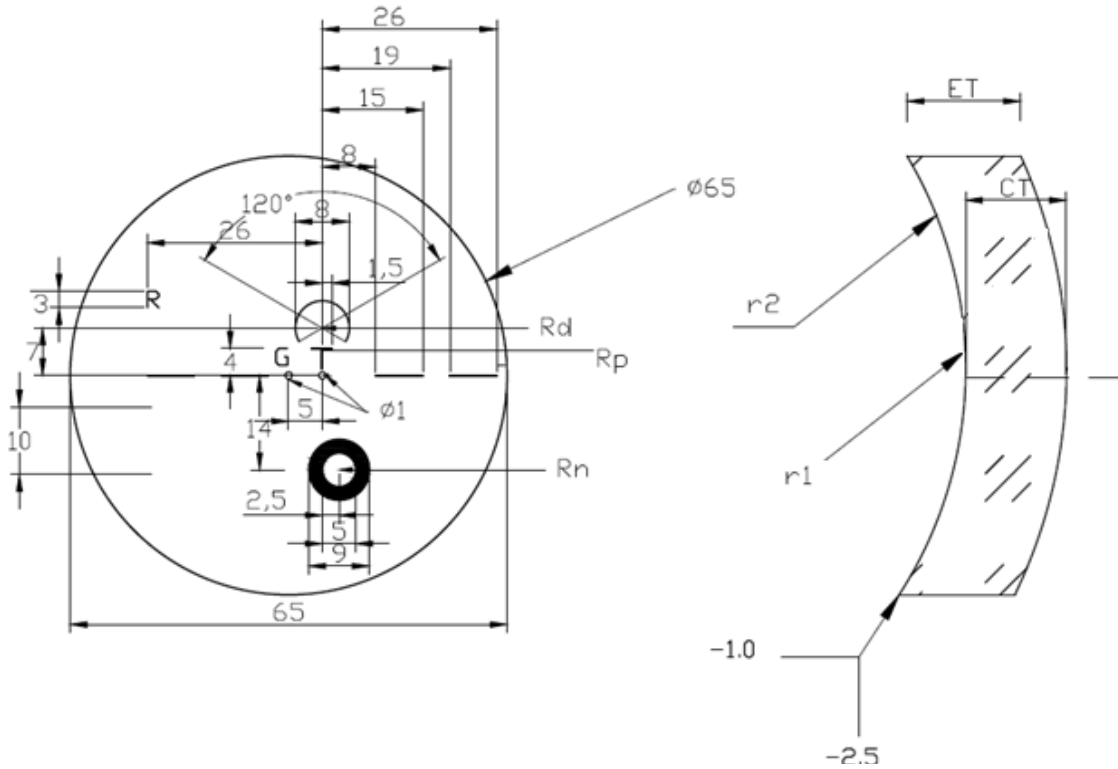
DOCUMENT NO : GKB/V/P/F/03E

ISSUE DATE : 18-10-2016

**PRODUCT FAMILY : PROASPHERICA 1.70 RI
Ø 65 MM**

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GKB VISION LTD ISO 9001:2008 CERTIFIED	RI 1.70 PROASPHERICA 65 MM	Doc. No. GKB/V/P/F/03E
	SEMI FINISHED MINERAL LENS	Issue No. 01
		Issue Date 18-10-2016



LINE THICKNESS : 0.3 MM

SCRIPT HEIGHT : 3 MM

PRISM REFERENCE Ø 1MM

PRINT COLOUR : TAMPOPRINT COLOR ORANGE G3 (T-01-3737)

DIMENTIONAL DETAILS

G -Geometrical center

CT-Thickness at geometrical center

ET- Edge thickness

r1- Convex radius at distance reference point

r2- Concave radius

NOTE : ALL DIMENSIONS IN mm

Rn-Near reference point

Rp-Prism reference point

Rd- Distancereference point

T-Fitting cross

RI	1.700
LOGO	

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Maximum Cylinder	2.00 DPT
Width Of Far Vision 8 mm Above MRP 0.5[d]	29.5 mm
Width Of Corridor 1.0[d]	06.9 mm
Width Of Near Zone 16 mm 1.0[d]	13.9 mm
Width Of Near Zone 20 mm 1.0[d]	17.8 mm
Fitting Cross	04.0 mm
Start Of Progressive	04.0 mm
End Of Progressive	16.0 mm
Suggested Fitting Height	20.0 mm
Minimum Fitting Height [MFH]	18.0 mm

PRODUCT RANGE

Type	R.I.	Base	Add Power Range [dpt]	Diameter [mm]
WHT	1.70	1.50	1.00 to 3.00 & 3.50	65

BLANK DATA – 1.70 WHT

Nominal Curve [dpt]	Centre Thickness [mm][+ 3 mm]	Edge Thickness [mm]	Diameter [mm]
1.50	7.50	12.25	65.00

TRUE CURVE(1.530) [dpt]	Convex Radius [mm]	Concave Curve [dpt]	Concave radius [mm]
1.446	366.49	-6.00	88.33

THICKNESS REDUCTION PRISM										
Addition power(dpt)	1.00	1.25	1.50	1.75	2.00	2.25	2.50	2.75	3.00	3.50
Prism [cm/m]	0.40	0.50	0.60	0.75	0.80	0.90	1.00	1.10	1.25	1.50

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POWER RANGE FOR EACH BASE CURVE – 1.70

Sphere	Minus Cylinder Power																
	0.00	-0.25	-0.50	-0.75	-1.00	-1.25	-1.50	-1.75	-2.00	-2.25	-2.50	-2.75	-3.00	-3.25	-3.50	-3.75	-4.00
-11.00																	
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1.50

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