



# GKB VISION PVT LTD

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## TECHNICAL DATASHEET

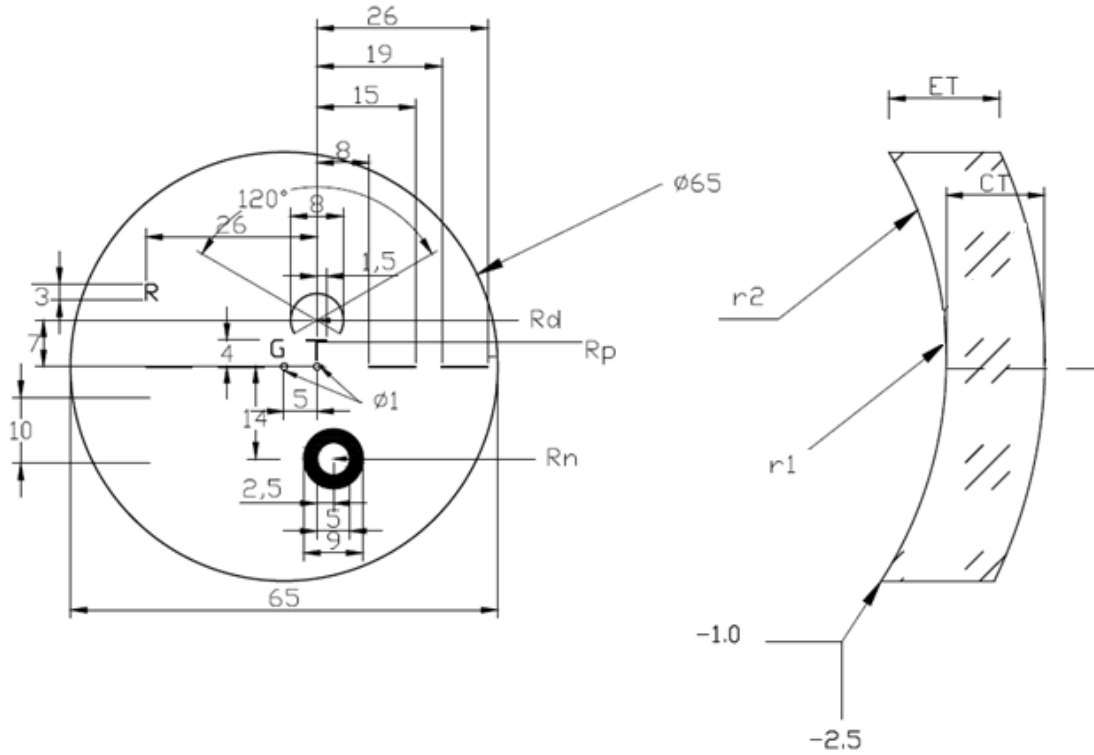
**DOCUMENT NO : GKB/V/P/F/03A**

**ISSUE DATE : 18-10-2016**

**PRODUCT FAMILY : PROASPHERICA 1.8 RI  
Ø 65 MM**

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<b>GKB VISION</b> <b>PVT LTD</b> ISO 9001:2008 CERTIFIED	<b>RI 1.8 PROASPHERICA 65 MM</b>	<b>Doc. No.</b> <b>GKB/V/P/F/03A</b>
	<b>SEMI FINISHED MINERAL LENS</b>	<b>Issue No.</b> <b>01</b>
		<b>Issue Date</b> <b>18-10-2016</b>



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- Distance reference point

T-Fitting cross

R.I.	1.8
LOGO	

<b>Prepared by</b> <b>CHETNA MAHALE</b>	<b>Approved by</b> <b>YESHWANT LAWANDE</b>	<b>Page 2 of 4</b>
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<b>Maximum Cylinder</b>	<b>2.00 DPT</b>
<b>Width Of Far Vision 8 mm Above MRP 0.5[d]</b>	<b>29.5 mm</b>
<b>Width Of Corridor 1.0[d]</b>	<b>06.9 mm</b>
<b>Width Of Near Zone 16 mm 1.0[d]</b>	<b>13.9 mm</b>
<b>Width Of Near Zone 20 mm 1.0[d]</b>	<b>17.8 mm</b>
<b>Fitting Cross</b>	<b>04.0 mm</b>
<b>Start Of Progressive</b>	<b>04.0 mm</b>
<b>End Of Progressive</b>	<b>16.0 mm</b>
<b>Suggested Fitting Height</b>	<b>20.0 mm</b>
<b>Minimum Fitting Height [MFH]</b>	<b>18.0 mm</b>

### POWER RANGE

Type	R.I.	Base	Add Power Range [dpt]	Diameter [mm]
WHT	1.80	1.50	1.00 to 3.00 & 3.50	65.00

### BLANK DATA – 1.80 WHT

Nominal Curve [dpt]	Centre Thickness [mm] [ +3 mm]	Edge Thickness [mm]	Diameter [mm]
1.50	7.5	12.30	65.0

TRUE CURVE(1.530) [dpt]	Convex Radius [mm]	Concave Curve [dpt]	Concave radius [mm]
1.391	380.95	-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

<b>Prepared by</b>	<b>Approved by</b>	<b>Page 3 of 4</b>
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**POWER RANGE FOR EACH BASE CURVE – 1.80**

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
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