



# GKB VISION PVT LTD

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## TECHNICAL DATASHEET

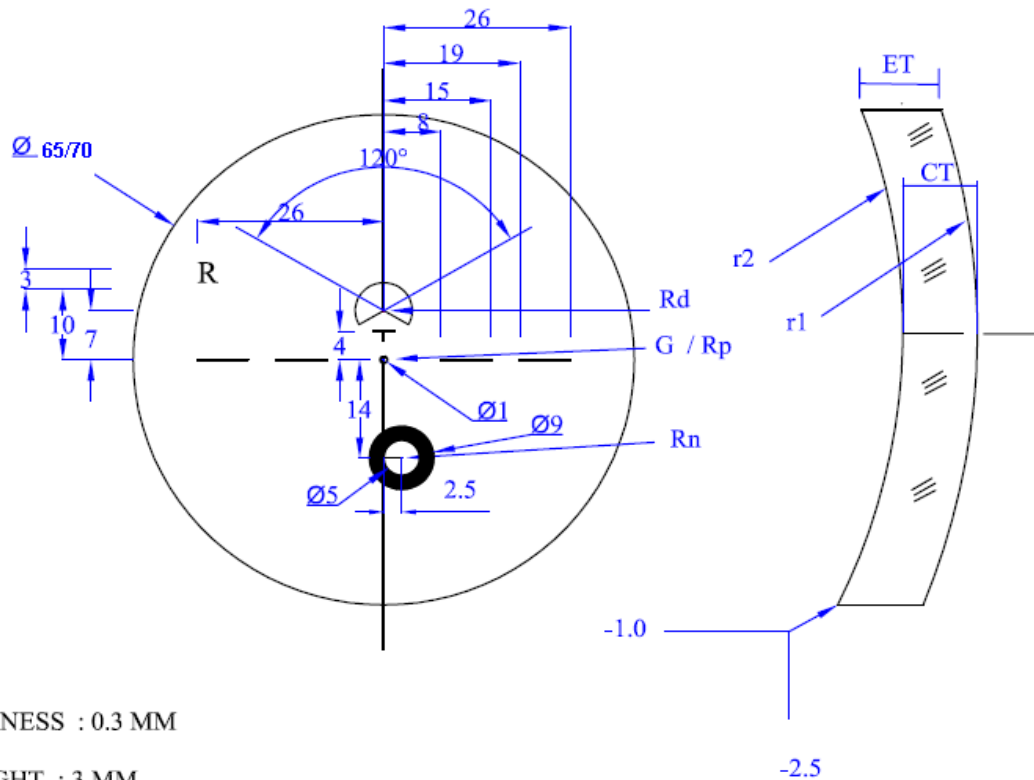
**DOCUMENT NO : GKB/V/P/F/04A**

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

**PRODUCT FAMILY : RI 1.5 TARAL 65 &70  
MM Ø**

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|  |                                   |            |                      |
|--|-----------------------------------|------------|----------------------|
| <b>GKB VISION</b><br><b>PVT LTD</b><br>ISO 9001:2008 CERTIFIED | <b>1.5 TARAL 65 MM &amp; 70MM</b> | Doc. No.   | <b>GKB/V/P/F/04A</b> |
|  |                                   | Issue No.  | <b>04</b>            |
|  | <b>SEMI FINISHED GLASS LENS</b>   | Issue Date | <b>18-10-2016</b>    |



LINE THICKNESS : 0.3 MM

SCRIPT HEIGHT : 3 MM

PRISM REFERENCE Ø 1MM

PRINT COLOUR : TEMPOPRINT COLOUR ( ORANGE )

### DIMENTIONAL DETAILS

G -Geometrical center

CT-Thickness in geometrical center

ET- Edge thickness

r1-Concave radius in geometrical center

r2- Convex radius

Rn-Near refrence point

Rp-Prism refrence point

Rd- Distance refrence point

T-Fitting cross

NOTE : ALL DIMENSIONS IN mm

|      |     |
|------|-----|
| RI   | 1.5 |
| LOGO | ◇   |

|                                     |  |             |
|-------------------------------------|--|-------------|
| <b>Prepared by</b><br>CHETNA MAHALE | <b>Approved by</b><br>YESHWANT LAWANDE | Page 2 of 4 |
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|--|--------------------------|--|--|--|--|--|--|------------|---------------|
| <b>GKB VISION</b><br><b>PVT LTD</b><br>ISO 9001:2008 CERTIFIED | 1.5 TARAL 65 MM & 70MM   |  |  |  |  |  |  | Doc. No.   | GKB/V/P/F/04A |
|  | SEMI FINISHED GLASS LENS |  |  |  |  |  |  | Issue No.  | 04            |
|  |                          |  |  |  |  |  |  | Issue Date | 18-10-2016    |

|   |          |
|---|----------|
| 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/PGX/PBX | 1.525 | 3.50 and 6.00 | 0.75 to 3.00 & 3.50   | 65 & 70       |

### BLANK DATA 65 MM

| Nominal Curve [dpt] | Centre Thickness [mm] [0 to +3 mm] | Edge Thickness [mm] | Diameter [mm] |
|---------------------|------------------------------------|---------------------|---------------|
|                     | CT                                 | ET                  |               |
| 3.50                | 5.4                                | 8.0                 | 65.00         |
| 6.00                | 5.4                                | 5.4                 | 65.00         |

| TRUE CURVE(1.530) [dpt] | Convex Radii [mm] | Concave Curve [dpt] | Concave radii [mm] |
|-------------------------|-------------------|---------------------|--------------------|
| 3.546                   | 149.46            | -6.00               | 88.33              |
| 5.935                   | 89.30             | -6.00               | 88.33              |

| THICKNESS REDUCTION PRISM |      |      |      |      |      |      |      |      |      |      |      |
|---------------------------|------|------|------|------|------|------|------|------|------|------|------|
| Add power(dpt)            | 0.75 | 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 | 0.90 | 1.00 | 1.10 | 1.25 | 1.40 | 1.50 | 1.75 |

|               |                  |             |
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|  | <b>SEMI FINISHED GLASS LENS</b>   |  |  |  |  |  |  | <b>Issue No.</b>  | <b>04</b>            |
|  |                                   |  |  |  |  |  |  | <b>Issue Date</b> | <b>18-10-2016</b>    |

### BLANK DATA 70 MM

| Nominal Curve<br>[dpt] | Centre Thickness<br>[mm] [0 to + 3mm] | Edge Thickness<br>[mm] | Diameter<br>[mm] |
|------------------------|---------------------------------------|------------------------|------------------|
|                        | CT                                    | ET                     |                  |
| 3.50                   | 5.4                                   | 8.4                    | 70.00            |
| 6.00                   | 5.4                                   | 5.5                    | 70.00            |

| TRUE CURVE(1.530)<br>[dpt] | Convex Radii<br>[mm] | Concave Curve<br>[dpt] | Concave radii<br>[mm] |
|----------------------------|----------------------|------------------------|-----------------------|
| 3.546                      | 149.46               | -6.00                  | 88.33                 |
| 5.935                      | 89.30                | -6.00                  | 88.33                 |

| THICKNESS REDUCTION PRISM |      |      |      |      |      |      |      |      |      |      |      |
|---------------------------|------|------|------|------|------|------|------|------|------|------|------|
| <b>Add power(dpt)</b>     | 0.75 | 1.00 | 1.25 | 1.50 | 1.75 | 2.00 | 2.25 | 2.50 | 2.75 | 3.00 | 3.50 |
| <b>Prism [cm/m]</b>       | 0.40 | 0.50 | 0.60 | 0.75 | 0.90 | 1.00 | 1.10 | 1.25 | 1.40 | 1.50 | 1.75 |

|                                     |  |                    |
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