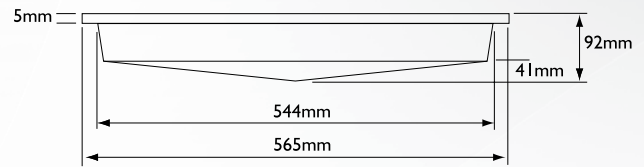


### Typical Usage

- Service Stations
- Assembly areas
- Gymnasiums
- Multi purpose halls
- Fast food outlets
- Showrooms
- Retail areas

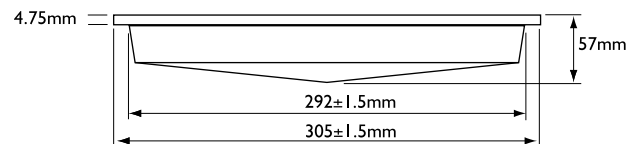
The **Triumph I Senior** lens is a composite lens design which features four distinct prism sections each fashioned to direct the high-output illumination into desired zones for maximum efficiency and even light distribution. The four lens sections are composed of 109 different prism sizes and shapes within an injection molded lens. The result is an innovative bi-symmetric distribution, which achieves maximum performance in the 45 degree plane. As a result, Triumph delivers a wide 2.0:1 spacing ratio with even light distribution and improved visual acuity. Furthermore, Triumph's unique "Square Light Distribution" enables more lighting layouts, improved uniformity, and wider fixture spacing.

### I Senior Dimensions



**Triumph II Junior** is composed of four lens sections of different prism size and shapes resulting in maximum performance in the 40 - 45 degree plane. This unique composite lens design provides even light distribution with excellent uniformity. The spacing ratio of 2.0:1 is up to 50% greater than conventional lenses. The **Triumph II Junior's** "Square Light Distribution" enables more accurate lighting layouts, improved uniformity, and wider fixture spacing.

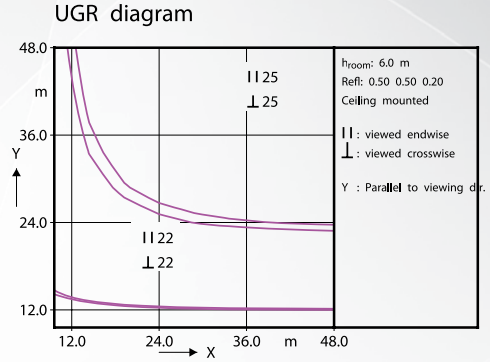
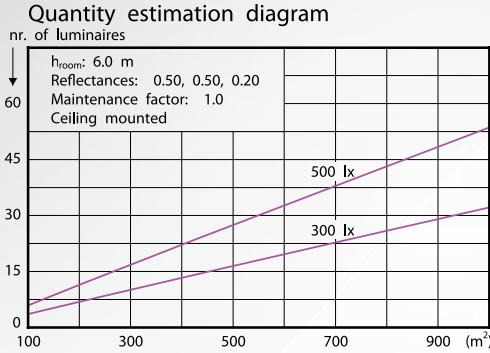
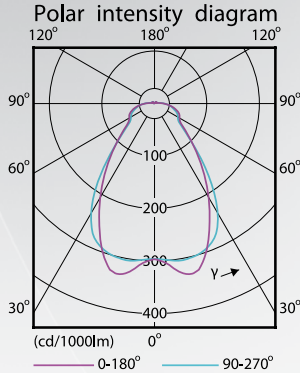
### II Junior Dimensions



**Triumph I Photometric Data**

**STS 250MH I x MI 250/C/U E40**

**I x 19500 lm**



Light output ratio 0.67  
 Service upward 0.03  
 Service downward 0.64

CIE flux code 62 82 93 96 67

SHR NOM (square) 1.25  
 SHR MAX (square) 1.29  
 SHR MAX (continuous) 1.43  
 UGRcen (4Hx8H, 0.25H) 23

Utilisation factor table

Reflectances			Room Index								
C	W	F	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00
0.70	0.50	0.20	44	49	53	56	59	62	64	67	68
0.70	0.30	0.20	39	45	48	51	56	59	61	64	66
0.70	0.10	0.20	36	41	45	48	52	56	58	61	64
0.50	0.50	0.20	42	47	51	53	57	59	61	63	65
0.50	0.30	0.20	38	44	47	50	54	56	58	61	63
0.50	0.10	0.20	35	41	44	47	51	54	56	59	61
0.30	0.50	0.20	41	46	49	51	55	57	58	60	62
0.30	0.30	0.20	38	43	46	48	52	54	56	59	60
0.30	0.10	0.20	35	40	43	46	50	52	54	57	59
0.00	0.00	0.00	33	38	41	44	47	49	51	54	55

Ceiling mounted

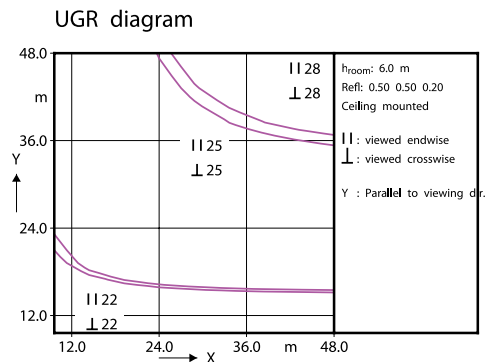
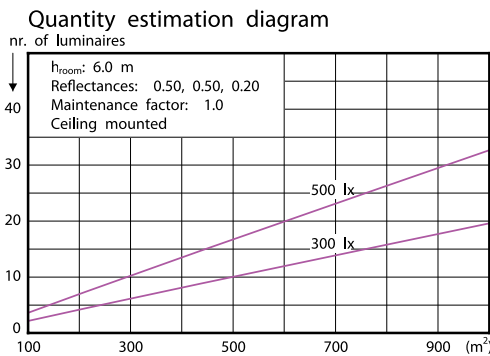
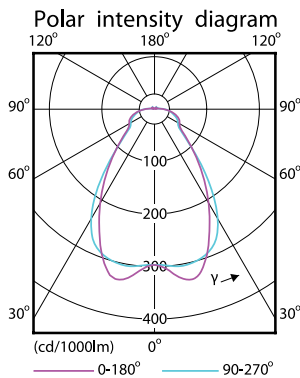
Luminance Table

Plane Cone	0.0	15.0	30.0	45.0	60.0	75.0	90.0
45.0	8067	8778	9564	10461	9066	8199	7847
50.0	6531	6651	6852	7147	6366	5975	5976
55.0	5733	5458	5319	5307	5080	5079	5313
60.0	5853	5277	4843	4525	4917	5239	5491
65.0	6278	5555	4981	4517	5173	5590	5758
70.0	6595	5818	5197	4683	5336	5753	5920
75.0	6780	5993	5319	4702	5355	5804	6040
80.0	6886	6044	5279	4518	5365	6009	6465
85.0	6928	5976	5227	4563	5583	6405	7081
90.0	7169	5938	5154	4579	5568	6525	7632

(cd/m<sup>2</sup>)

**STS 400MH I x MI 400/C/U E40**

**I x 32000 lm**



Light output ratio 0.67  
 Service upward 0.03  
 Service downward 0.64

CIE flux code 62 82 93 96 67

SHR NOM (square) 1.25  
 SHR MAX (square) 1.29  
 SHR MAX (continuous) 1.43  
 UGRcen (4Hx8H, 0.25H) 25

Utilisation factor table

Reflectances			Room Index								
C	W	F	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00
0.70	0.50	0.20	44	49	53	56	59	62	64	67	68
0.70	0.30	0.20	39	45	48	51	56	59	61	64	66
0.70	0.10	0.20	36	41	45	48	52	56	58	61	64
0.50	0.50	0.20	42	47	51	53	57	59	61	63	65
0.50	0.30	0.20	38	44	47	50	54	56	58	61	63
0.50	0.10	0.20	35	41	44	47	51	54	56	59	61
0.30	0.50	0.20	41	46	49	51	55	57	58	60	62
0.30	0.30	0.20	38	43	46	48	52	54	56	59	60
0.30	0.10	0.20	35	40	43	46	50	52	54	57	59
0.00	0.00	0.00	33	38	41	44	47	49	51	54	55

Ceiling mounted

Luminance Table

Plane Cone	0.0	15.0	30.0	45.0	60.0	75.0	90.0
45.0	13212	14397	15687	17142	14861	13442	12864
50.0	10700	10910	11252	11747	10463	9804	9770
55.0	9386	8961	8732	8688	8324	8333	8730
60.0	9617	8659	7941	7422	8078	8606	9006
65.0	10298	9090	8154	7422	8495	9169	9424
70.0	10836	9536	8511	7677	8768	9447	9688
75.0	11158	9849	8731	7710	8781	9509	9880
80.0	11314	9876	8610	7386	8790	9845	10573
85.0	11404	9853	8623	7523	9228	10589	11686
90.0	11719	9684	8423	7533	9151	10728	12571

(cd/m<sup>2</sup>)