



**YLI INDUSTRY SDN. BHD.** (No. 504654-U)

2013 (EDITION 2)

**T5 FLUORESCENT LIGHT LUMINAIRES**







# BRIEF INTRODUCTION

## **BRIEF INTRODUCTION:**

YLI INDUSTRY SDN. BHD. established since 1993, has the experience in the moulding and tooling industry for more than 20 years. With its strong background, YLI diversified into lighting manufacturing and is now the fastest growing manufacturer of lighting fittings / luminaire for both indoor and outdoor applications in Malaysia.

The core product of YLI are:-

### INDOOR LIGHTING...

Down Light, Fluorescent Light Fitting, Close Ceiling Light, Pendant Light, Spot Track Lighting & LED Light.

### OUTDOOR LIGHTING...

Garden & Street Light, Wall Light, Flood Light, Lawn Light, Buried-Up Lighter, Bollard Light & Up-Down Light.

### ACCESSORIES & ATTACHMENTS...

Lamp Holder, Starter Holder, Connecting Device, Anodized Mirror Reflector & Louver.

YLI moved into its new factory building in 2005 to accommodate the demand for its products. The factory has now a work floor space of 4 acre sprawled over a 7 acre site in Pusing, Perak with a workforce of more than 200 staffs nationwide.

YLI has since opened 7 Branches in Malaysia to market its products nationwide.

With turnover in excess of USD 12million annually and growing, the company in line with its expansion plan is in the midst of doubling its current work floor space.

YLI is well equipped with advanced CNC wire cutting, milling, lathe, turret punching and photometric data machines. its components are procured locally and internationally which are subjected to rigorous testing procedures in compliance with the Malaysia Standards (MS). The company has its own Research and Development Department which oversees' quality at its utmost.

YLI is a member of the Federations of Malaysian Manufacturers and the Exporters Club of Malaysia.

YLI recognize its customers' needs to be competitive and aim to provide the best service and quality products at the most competitive price available in the markets. YLI is keeping pace with the ever changing evolution in the lighting industry to offer new and improved products which provide the buyer with greater added value.

YLI have already ventured its operations internationally to include regions namely in South East Asia, Western Asia (Middle East), Some countries of Africa and Europe, Oceania and Pacific rim and the Australasia continent. Discussions are underway to open offices in these regions to promote its products through the YLI trademark.

YLI is in pursuit of its plans to be a ONE-STOP destination for all lighting needs, thereby creating the ***Ultimate Lighting Experience.***





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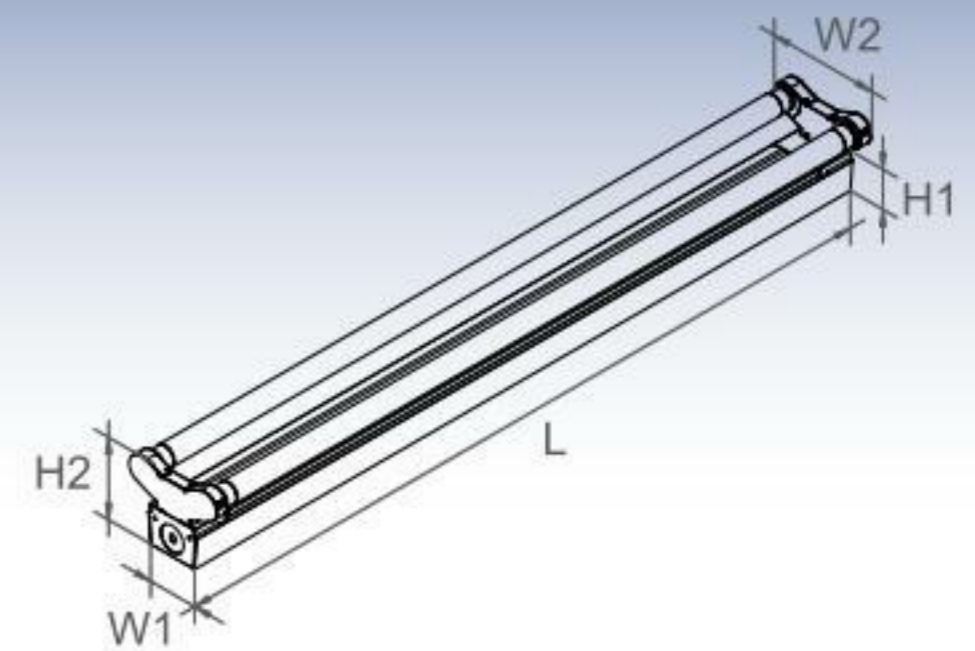




# T5 BATTEN FITTING

CLASS 1 IP 20

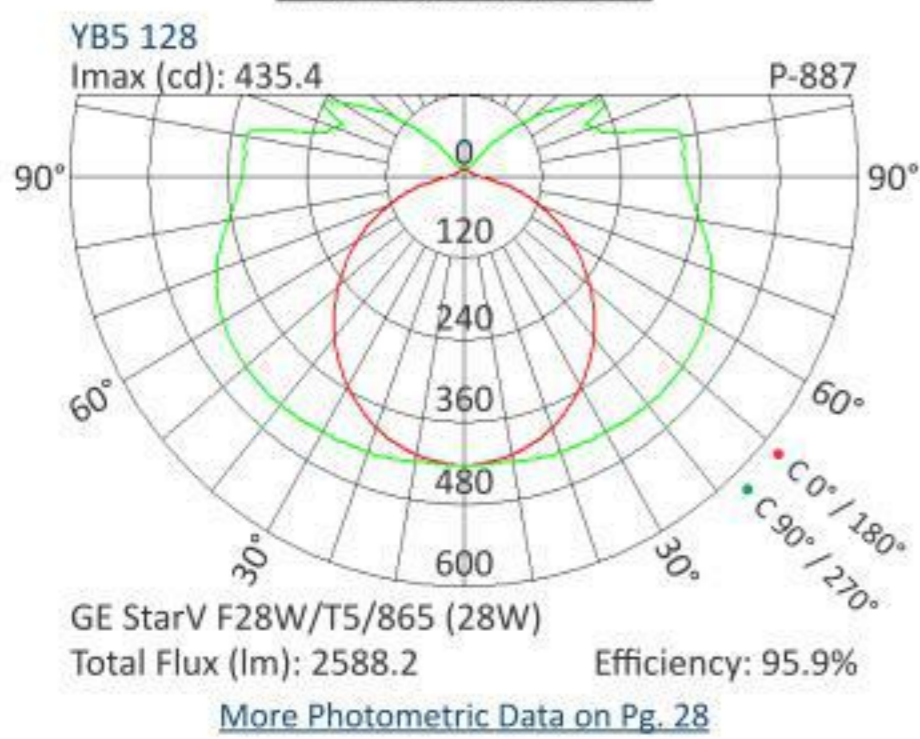
FOR SURFACE MOUNTING & PENDANT MOUNTING



**STANDARD:**  
 DESIGNED, MANUFACTURED AND COMPLIED WITH:  
 MS IEC 60598 - LUMINAIRES  
 MS IEC 60400 - LAMPHOLDER; STARTERHOLDER  
 MS IEC 60998 - CONNECTING DEVICES  
 -- IEC 61347 - ELECTRONIC BALLAST

## SPECIFICATIONS

### LIGHT DISTRIBUTION



### AAI CURVES

Flux Out: 720.8 lm

(M)	Lux	CM
1	229.5	200
2	57.4	400
3	25.5	600
4	14.3	800
5	9.2	1000

Height      Angle: 90°      Diameter

- HOUSING IS FABRICATED FROM MILD STEEL
- FINISHED WITH POWDER ELECTROSTATICALLY
- STOVE-COATED WITH HIGH REFLECTIVITY WHITE EPOXY
- LAMPHOLDER OF POLYCARBONATE & BRONZE
- TWIST-LOCK LAMPHOLDER FOR RELIABLE CONTACT
- PRE-CONNECTED WITH 105°C HR PVC WIRE
- CONNECTING DEVICES OF NYLON 3 WAY X 2.5mm<sup>2</sup>
- COPPER, WEDGE ANCHOR FOR 2 x 2.5mm<sup>2</sup> EARTH WIRE
- ELECTRONIC BALLAST-A2 - INPUT 220-240vac / 50-60Hz

MODEL	TUBE (T5)	ELECTRONIC BALLAST	AMP. (A)	Power Factor (PF)	IMPERIAL APPROX.	DIMENSION (mm)				
						L	W1	W2	H1	H2
YB5 114	1 x 14W	1 x VS ELXc 135.856	0.079	0.912	-	568	42	-	30	53
YB5 214	2 x 14W	1 x VS ELXc 235.857	0.157	0.956	-	568	42	76	30	62
YB5 121	1 x 21W	1 x VS ELXc 135.856	0.113	0.955	-	870	42	-	30	53
YB5 221	2 x 21W	1 x VS ELXc 235.857	0.228	0.978	-	870	42	76	30	62
YB5 128	1 x 28W	1 x VS ELXc 135.856	0.138	0.970	-	1168	42	-	30	53
YB5 228	2 x 28W	1 x VS ELXc 235.857	0.275	0.985	-	1168	42	76	30	62
YB5 135	1 x 35W	1 x VS ELXc 135.856	0.173	0.980	-	1470	42	-	30	53
YB5 235	2 x 35W	1 x VS ELXc 235.857	0.330	0.990	-	1470	42	76	30	62

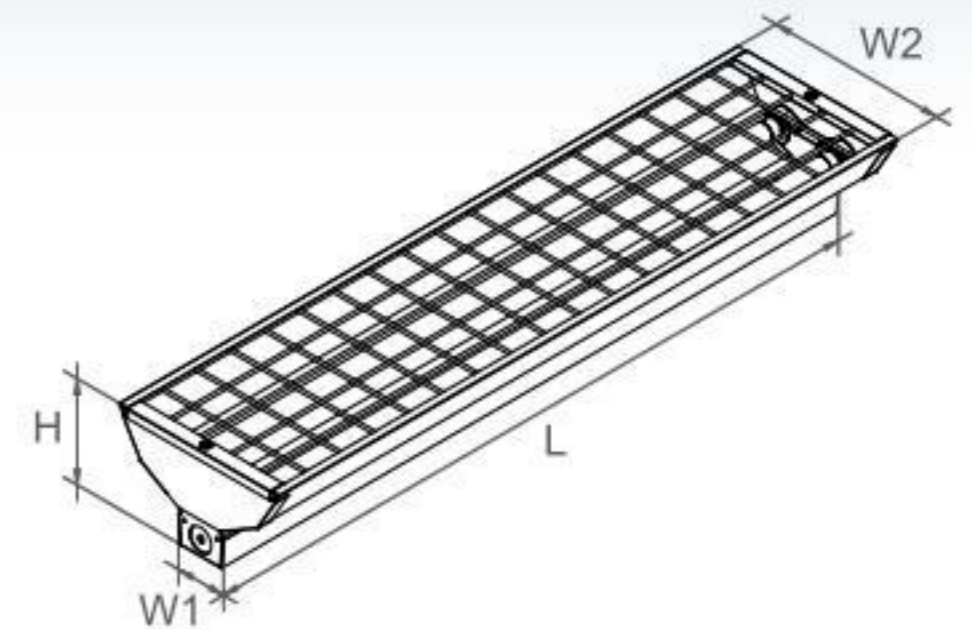
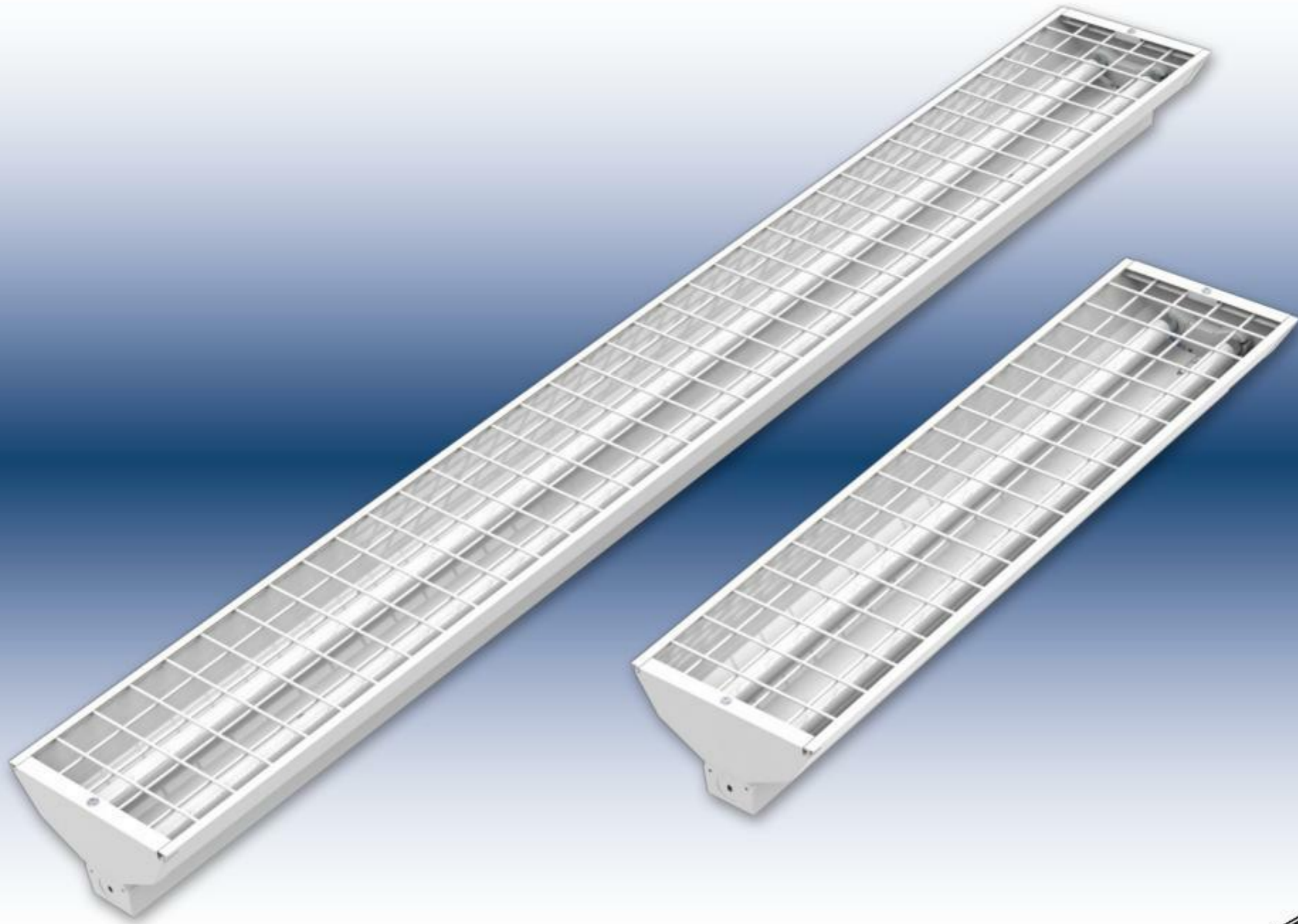




# T5 FLAT WIRE GUARD FITTING

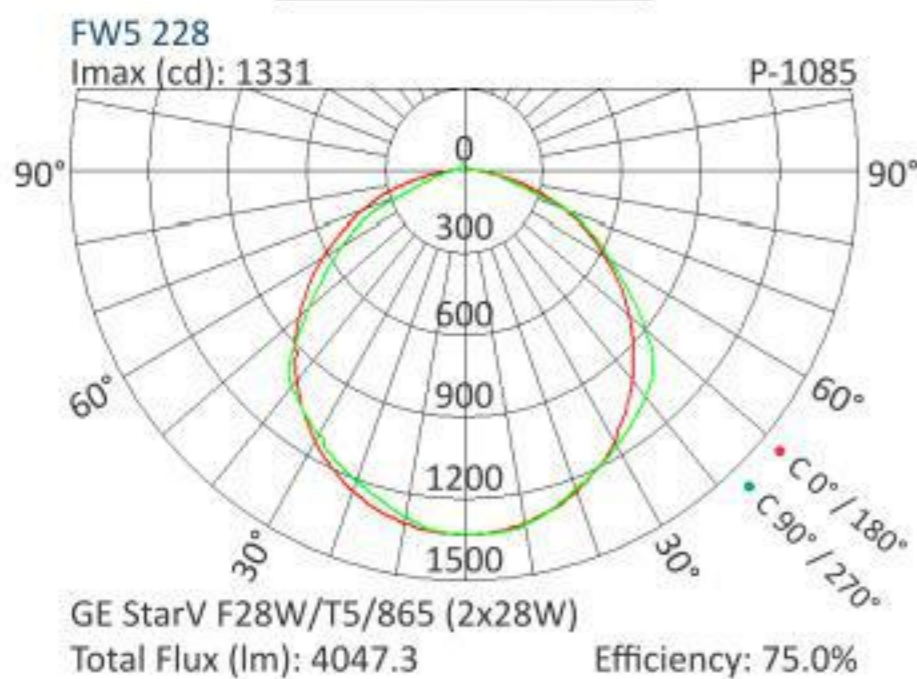
CLASS 1 IP 20

FOR SURFACE MOUNTING & PENDANT MOUNTING



## SPECIFICATIONS

### LIGHT DISTRIBUTION



### AAI CURVES

Flux Out: 1030 lm

(M)	Lux	CM
1	983.6	115
2	245.9	231
3	109.3	346
4	61.5	462
5	39.4	577

Height      Angle: 60°      Diameter

- HOUSING IS FABRICATED FROM MILD STEEL
- FINISHED WITH POWDER ELECTROSTATICALLY
- STOVE-COATED WITH HIGH REFLECTIVITY WHITE EPOXY
- WIRE GUARD IS FABRICATED FROM WIRE NETTING
- LAMPHOLDER OF POLYCARBONATE & BRONZE
- TWIST-LOCK LAMPHOLDER FOR RELIABLE CONTACT
- PRE-CONNECTED WITH 105°C HR PVC WIRE
- CONNECTING DEVICES OF NYLON 3 WAY X 2.5mm<sup>2</sup>
- COPPER, WEDGE ANCHOR FOR 2 x 2.5mm<sup>2</sup> EARTH WIRE
- ELECTRONIC BALLAST-A2 - INPUT 220-240vac / 50-60Hz

MODEL	TUBE (T5)	ELECTRONIC BALLAST	AMP. (A)	Power Factor (PF)	IMPERIAL APPROX.	DIMENSION (mm)			
						L	W1	W2	H
FW5 214	2 x 14W	1 x VS ELXc 235.857	0.157	0.956	-	572	42	148	86
FW5 228	2 x 28W	1 x VS ELXc 235.857	0.275	0.985	-	1172	42	148	86

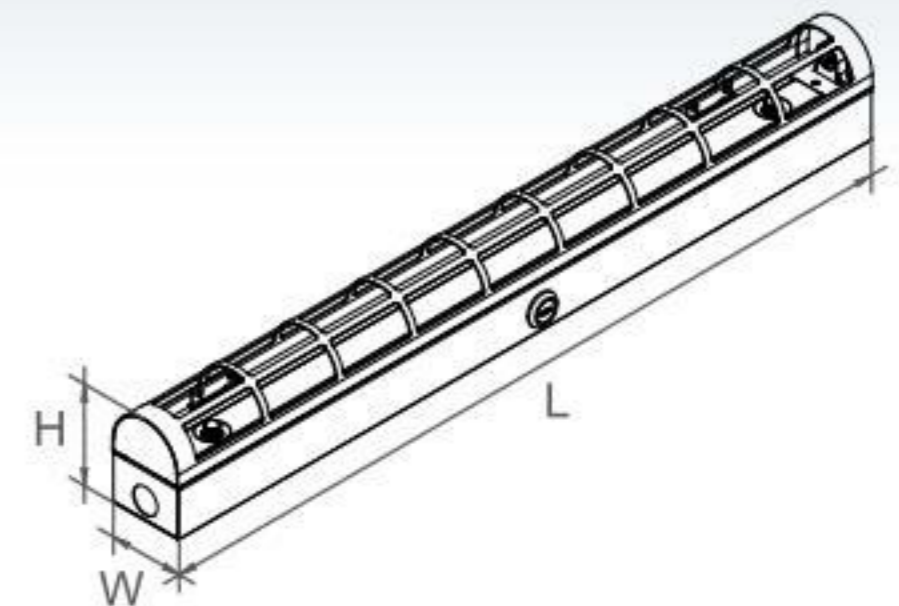
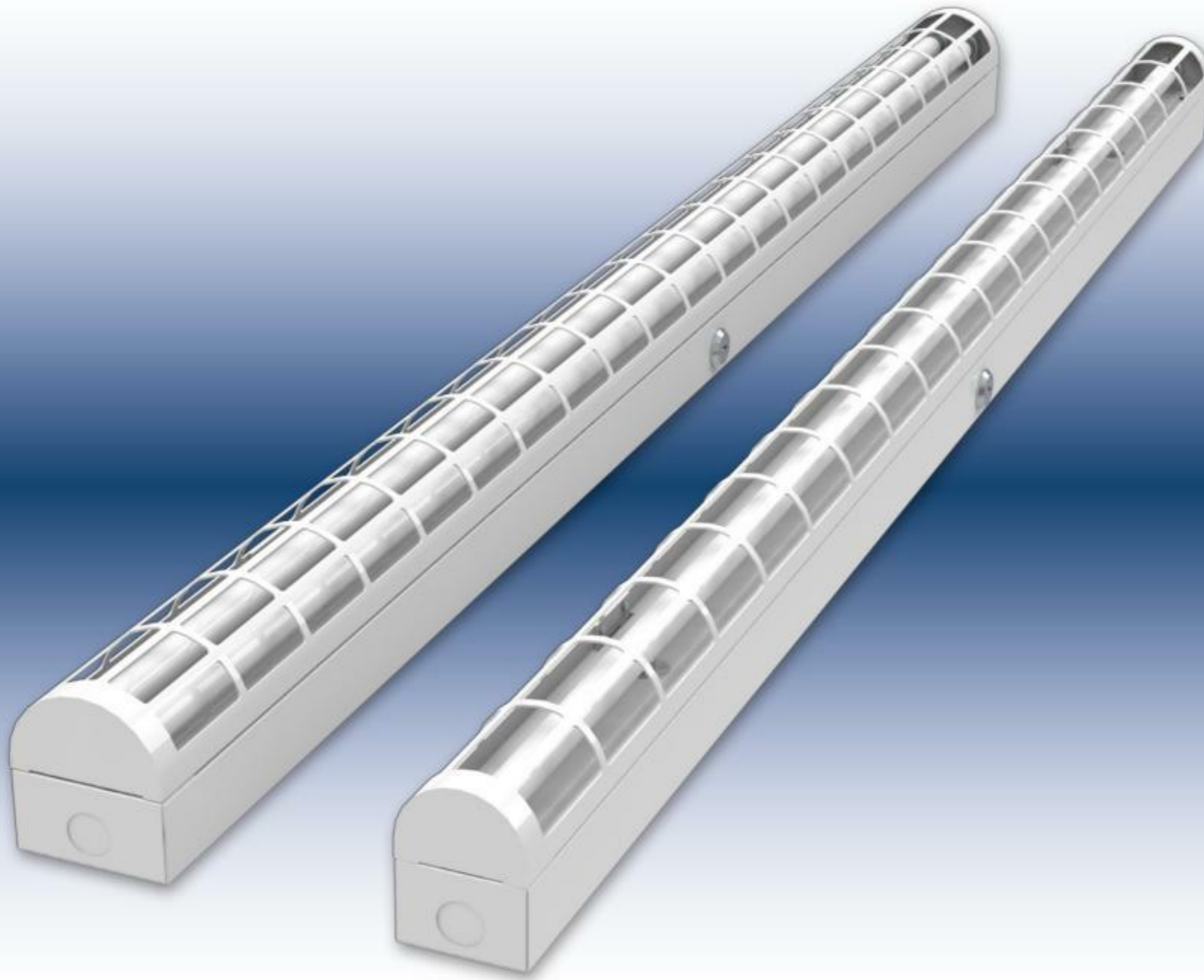




# T5 WIRE GUARD FITTING

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FOR SURFACE MOUNTING & PENDANT MOUNTING



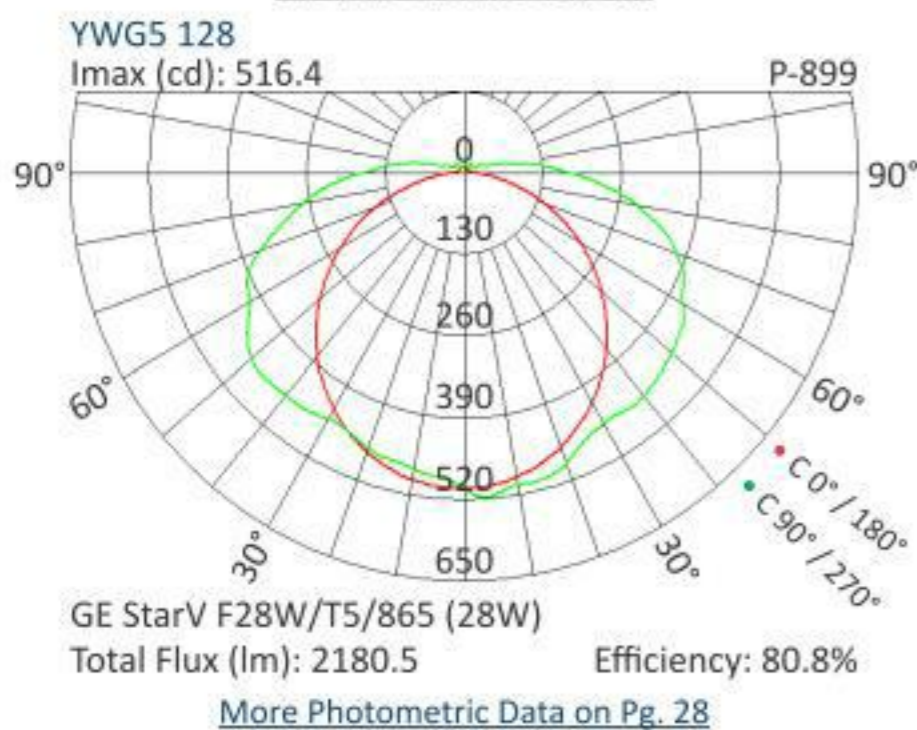
**STANDARD:**

DESIGNED, MANUFACTURED AND COMPLIED WITH:

- MS IEC 60598 - LUMINAIRES
- MS IEC 60400 - LAMPHOLDER; STARTERHOLDER
- MS IEC 60998 - CONNECTING DEVICES
- IEC 61347 - ELECTRONIC BALLAST

## SPECIFICATIONS

### LIGHT DISTRIBUTION



### AAI CURVES

Flux Out: 805.5 lm

(M)	Lux	CM
1	256.4	200
2	64.1	400
3	28.5	600
4	16.0	800
5	10.3	1000

Height      Angle: 90°      Diameter

- HOUSING IS FABRICATED FROM MILD STEEL
- FINISHED WITH POWDER ELECTROSTATICALLY
- STOVE-COATED WITH HIGH REFLECTIVITY WHITE EPOXY
- WIRE GUARD IS PERFORATED FROM MILD STEEL
- FIXED WITH BUILT-IN CAM LOCK
- LAMPHOLDER OF POLYCARBONATE & BRONZE
- TWIST-LOCK LAMPHOLDER FOR RELIABLE CONTACT
- PRE-CONNECTED WITH 105°C HR PVC WIRE
- CONNECTING DEVICES OF NYLON 3 WAY X 2.5mm<sup>2</sup>
- COPPER, WEDGE ANCHOR FOR 2 x 2.5mm<sup>2</sup> EARTH WIRE
- ELECTRONIC BALLAST-A2 - INPUT 220-240vac / 50-60Hz

MODEL	TUBE (T5)	ELECTRONIC BALLAST	AMP. (A)	Power Factor (PF)	IMPERIAL APPROX.	DIMENSION (mm)		
						L	W	H
YWG5 114	1 x 14W	1 x VS ELXc 135.856	0.079	0.912	-	570	54	73
YWG5 214	2 x 14W	1 x VS ELXc 235.857	0.157	0.956	-	570	68	76
YWG5 128	1 x 28W	1 x VS ELXc 135.856	0.138	0.970	-	1170	54	73
YWG5 228	2 x 28W	1 x VS ELXc 235.857	0.275	0.985	-	1170	68	76

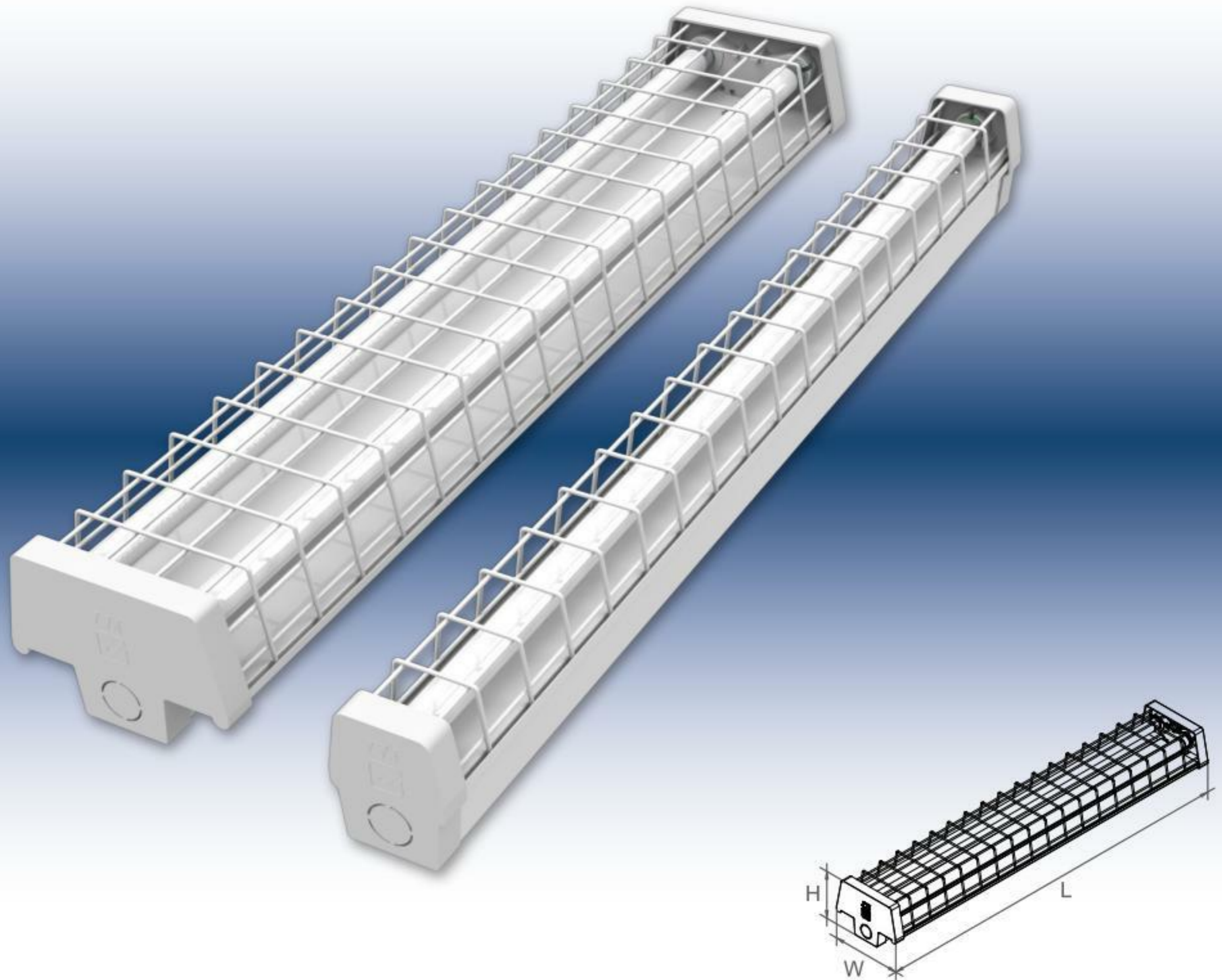




# T5 WIRE GUARD FITTING - type E

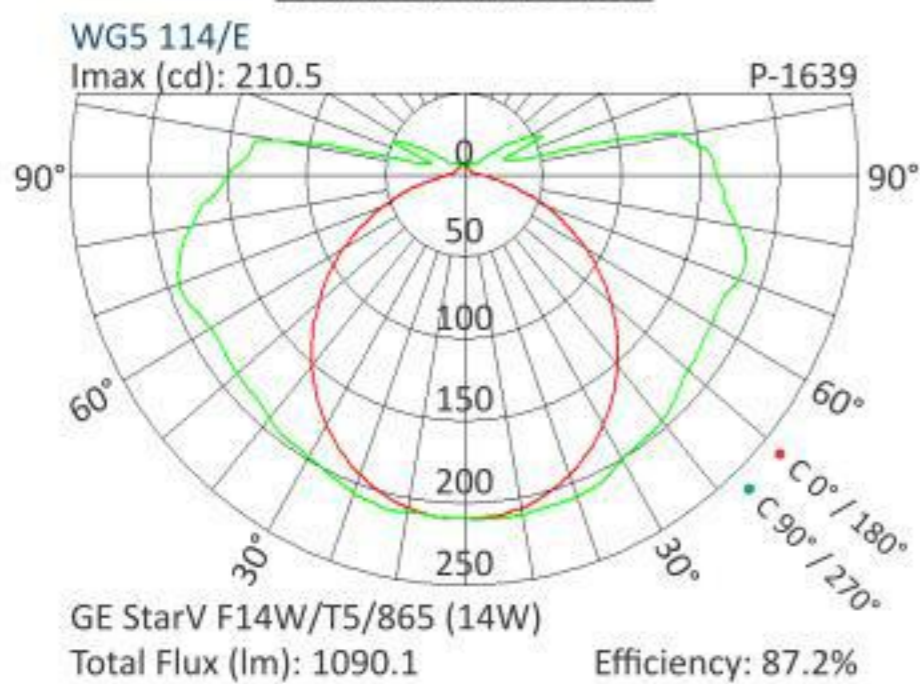
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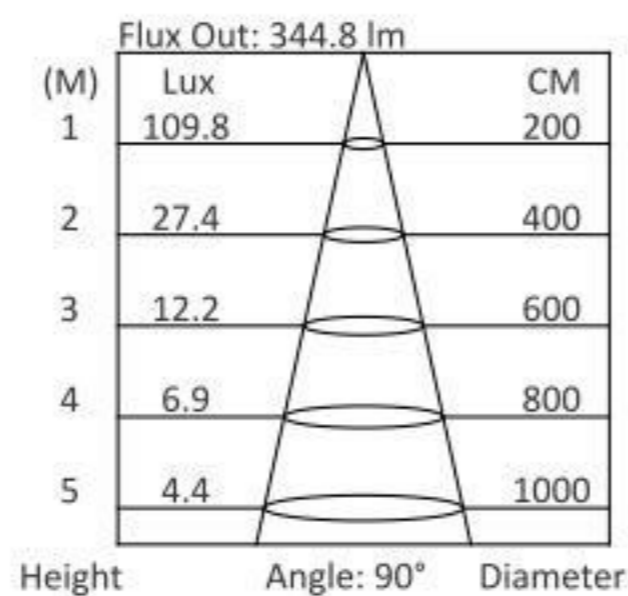


## SPECIFICATIONS

### LIGHT DISTRIBUTION



### AAI CURVES



- HOUSING IS FABRICATED FROM MILD STEEL
- FINISHED WITH POWDER ELECTROSTATICALLY
- STOVE-COATED WITH HIGH REFLECTIVITY WHITE EPOXY
- WIRE GUARD IS FABRICATED FROM WIRE NETTING
- LAMPHOLDER OF POLYCARBONATE & BRONZE
- TWIST-LOCK LAMPHOLDER FOR RELIABLE CONTACT
- PRE-CONNECTED WITH 105°C HR PVC WIRE
- CONNECTING DEVICES OF NYLON 3 WAY X 2.5mm<sup>2</sup>
- COPPER, WEDGE ANCHOR FOR 2 x 2.5mm<sup>2</sup> EARTH WIRE
- ELECTRONIC BALLAST-A2 - INPUT 220-240vac / 50-60Hz

MODEL	TUBE (T5)	ELECTRONIC BALLAST	AMP. (A)	Power Factor (PF)	IMPERIAL APPROX.	DIMENSION (mm)		
						L	W	H
WG5 114/E	1 x 14W	1 x VS ELXc 135.856	0.079	0.912	-	570	50	63
WG5 214/E	2 x 14W	1 x VS ELXc 235.857	0.157	0.956	-	570	108	74
WG5 121/E	1 x 21W	1 x VS ELXc 135.856	0.113	0.955	-	870	50	63
WG5 221/E	2 x 21W	1 x VS ELXc 235.857	0.228	0.978	-	870	108	74
WG5 128/E	1 x 28W	1 x VS ELXc 135.856	0.138	0.970	-	1170	50	63
WG5 228/E	2 x 28W	1 x VS ELXc 235.857	0.275	0.985	-	1170	108	74

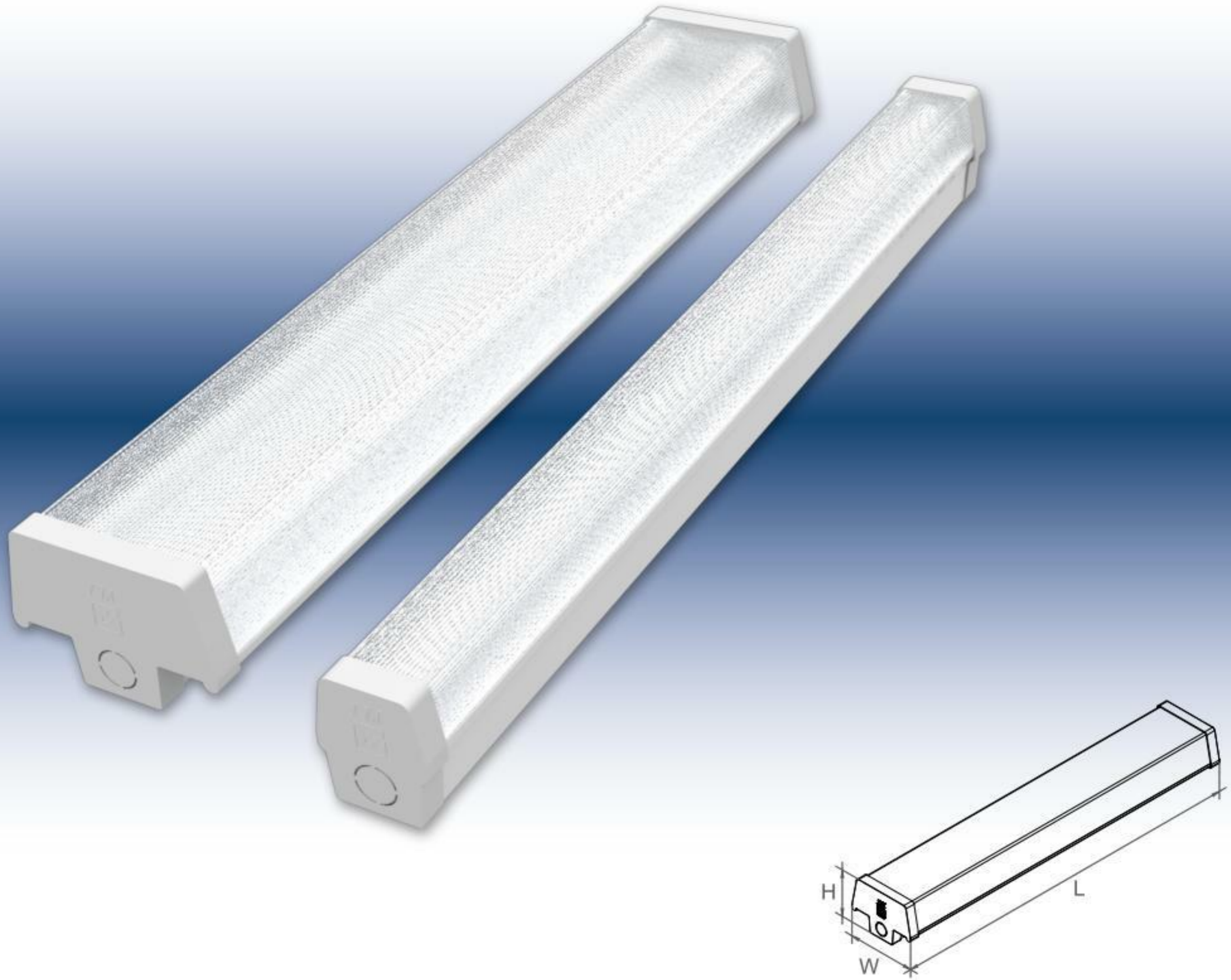




# T5 DAIKON DIFFUSER FITTING

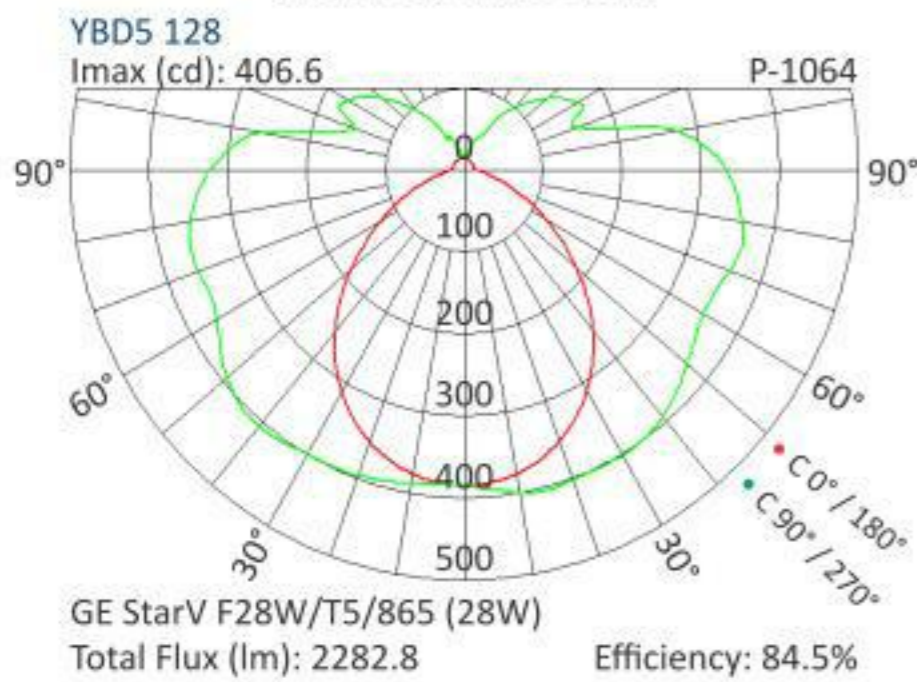
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FOR SURFACE MOUNTING & PENDANT MOUNTING



## SPECIFICATIONS

### LIGHT DISTRIBUTION



### AAI CURVES

Flux Out: 656.1 lm

(M)	Lux	CM
1	208.9	200
2	52.2	400
3	23.2	600
4	13.1	800
5	8.4	1000

Height      Angle: 90°      Diameter

- HOUSING IS FABRICATED FROM MILD STEEL
- FINISHED WITH POWDER ELECTROSTATICALLY
- STOVE-COATED WITH HIGH REFLECTIVITY WHITE EPOXY
- DIFFUSER OF ACRYLIC - LINEAR
- LAMPHOLDER OF POLYCARBONATE & BRONZE
- TWIST-LOCK LAMPHOLDER FOR RELIABLE CONTACT
- PRE-CONNECTED WITH 105°C HR PVC WIRE
- CONNECTING DEVICES OF NYLON 3 WAY X 2.5mm<sup>2</sup>
- COPPER, WEDGE ANCHOR FOR 2 x 2.5mm<sup>2</sup> EARTH WIRE
- ELECTRONIC BALLAST-A2 - INPUT 220-240vac / 50-60Hz

MODEL		TUBE (T5)	ELECTRONIC BALLAST	AMP. (A)	Power Factor (PF)	IMPERIAL APPROX.	DIMENSION (mm)		
NEW	OLD						L	W	H
YBD5 114	SLD5 114	1 x 14W	1 x VS ELXc 135.856	0.079	0.912	-	570	50	63
YBD5 214	SLD5 214	2 x 14W	1 x VS ELXc 235.857	0.157	0.956	-	570	108	74
YBD5 121	SLD5 121	1 x 21W	1 x VS ELXc 135.856	0.113	0.955	-	870	50	63
YBD5 221	SLD5 221	2 x 21W	1 x VS ELXc 235.857	0.228	0.978	-	870	108	74
YBD5 128	SLD5 128	1 x 28W	1 x VS ELXc 135.856	0.138	0.970	-	1170	50	63
YBD5 228	SLD5 228	2 x 28W	1 x VS ELXc 235.857	0.275	0.985	-	1170	108	74

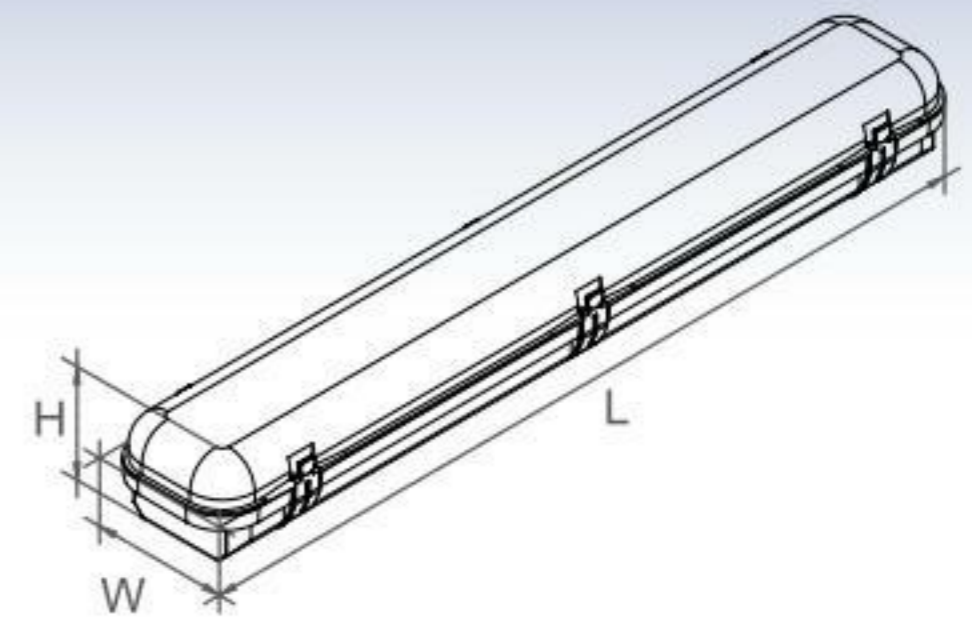




# T5 WEATHER PROOF FITTING

CLASS 1 IP 65

FOR SURFACE MOUNTING & PENDANT MOUNTING

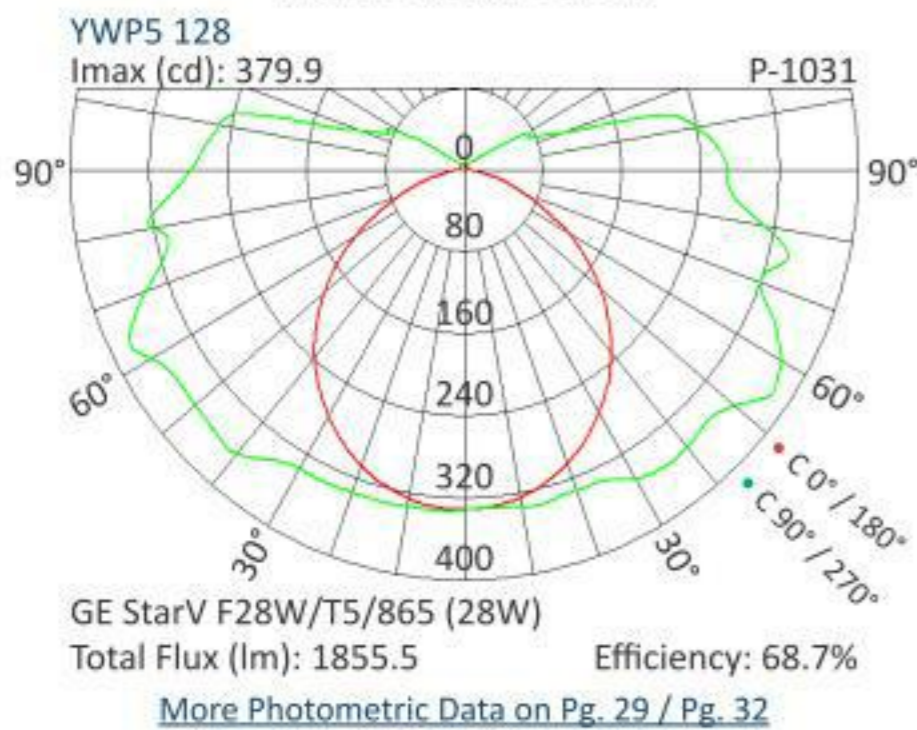


**STANDARD:**

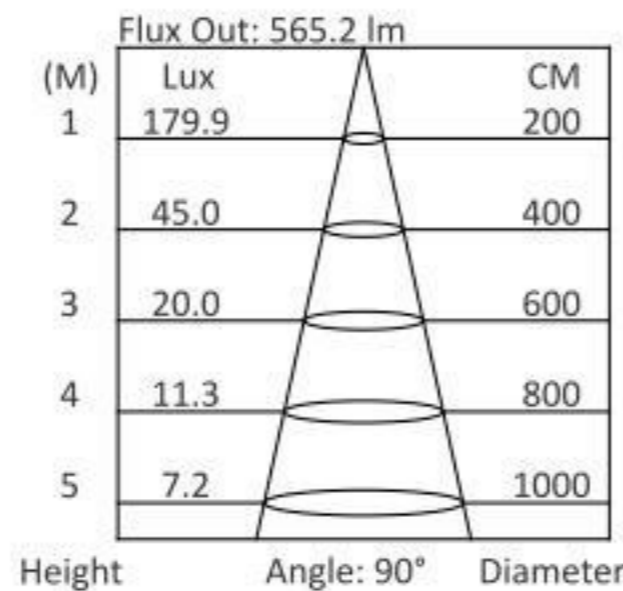
DESIGNED, MANUFACTURED AND COMPLIED WITH:  
 MS IEC 60598 - LUMINAIRES  
 MS IEC 60400 - LAMPHOLDER; STARTERHOLDER  
 MS IEC 60998 - CONNECTING DEVICES  
 -- IEC 61347 - ELECTRONIC BALLAST

## SPECIFICATIONS

### LIGHT DISTRIBUTION



### AAI CURVES



- BASE IS MOULDED FROM POLYCARBONATE RESIN IN GREY
- DIFFUSER BY POLYCARBONATE RESIN IN CLEAR LINEAR
- SEALED WITH SILICONE GASKET
- GEAR TRAY IS FABRICATED FROM MILD STEEL
- FINISHED WITH POWDER ELECTROSTATICALLY
- SNAP-ON WITH STAINLESS STEEL CLIP
- CABLE ENTRY ADAPTOR & HANGER KIT
- LAMPHOLDER OF POLYCARBONATE & BRONZE
- TWIST-LOCK LAMPHOLDER FOR RELIABLE CONTACT
- PRE-CONNECTED WITH 105°C HR PVC WIRE
- CONNECTING DEVICES OF NYLON 3 WAY X 2.5mm<sup>2</sup>
- COPPER, WEDGE ANCHOR FOR 2 x 2.5mm<sup>2</sup> EARTH WIRE
- ELECTRONIC BALLAST-A2 - INPUT 220-240vac / 50-60Hz

MODEL	TUBE (T5)	ELECTRONIC BALLAST	AMP. (A)	Power Factor (PF)	IMPERIAL APPROX.	DIMENSION (mm)		
						L	W	H
YWP5 114	1 x 14W	1 x VS ELXc 135.856	0.079	0.912	-	610	60	72
YWP5 214	2 x 14W	1 x VS ELXc 235.857	0.157	0.956	-	610	100	72
YWP5 128	1 x 28W	1 x VS ELXc 135.856	0.138	0.970	-	1210	60	72
YWP5 228	2 x 28W	1 x VS ELXc 235.857	0.275	0.985	-	1210	100	72
WP5 135	1 x 35W	1 x VS ELXc 135.856	0.173	0.980	-	1510	60	72
WP5 235	2 x 35W	1 x VS ELXc 235.857	0.330	0.990	-	1510	100	72

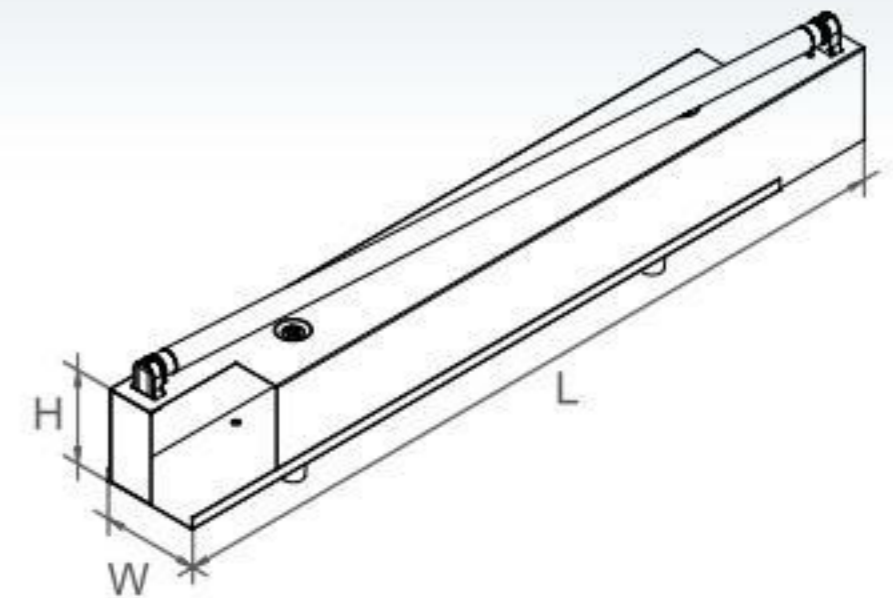
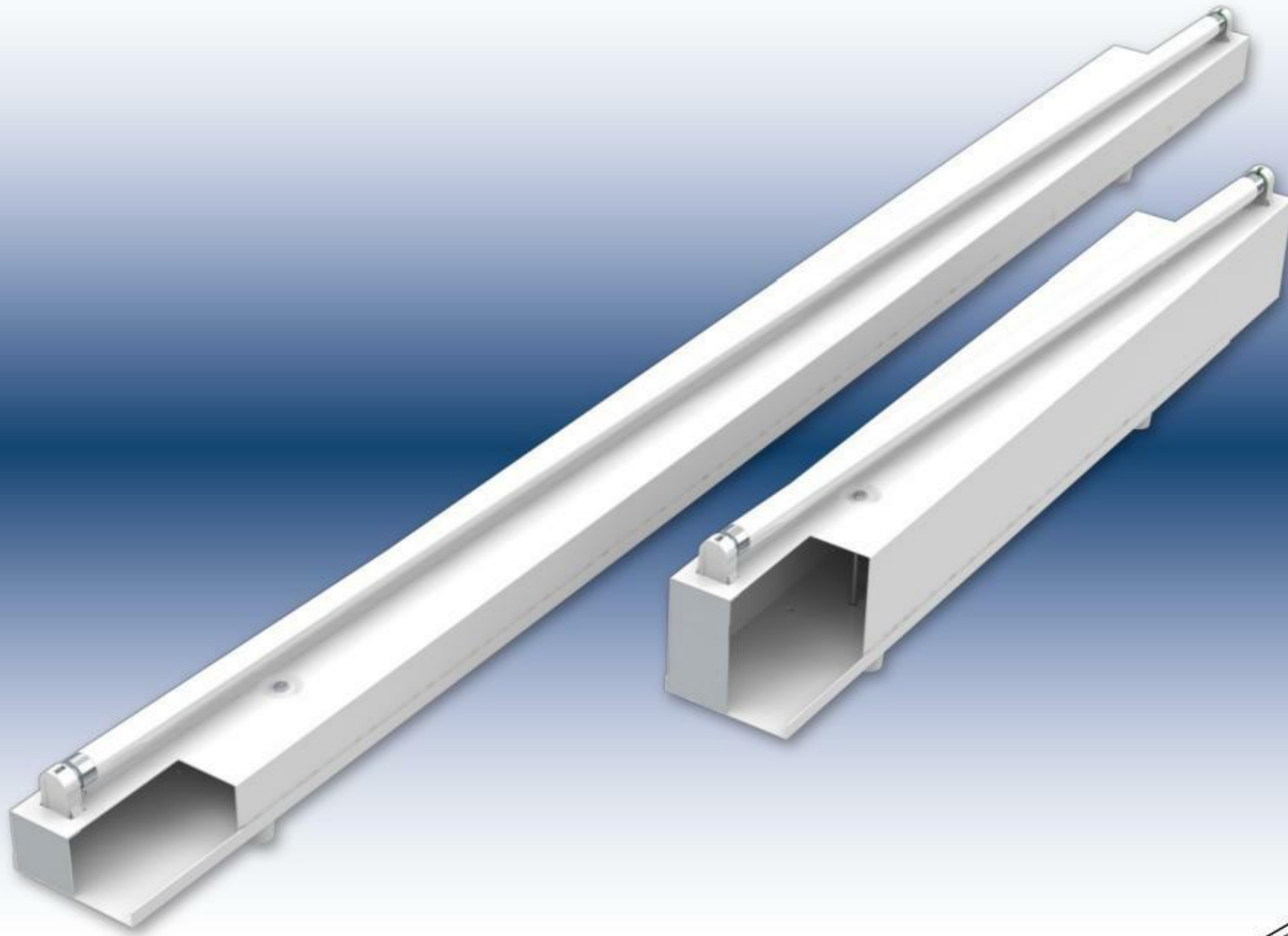




# T5 LINKING FITTING

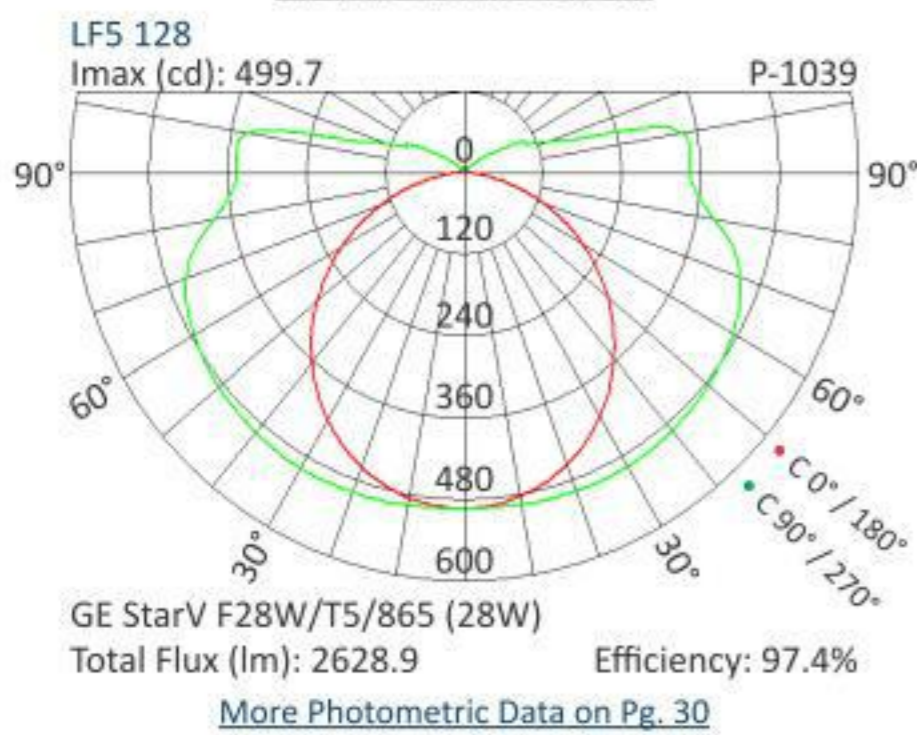
CLASS 1 IP 20

FOR SURFACE MOUNTING & PENDANT MOUNTING



## SPECIFICATIONS

### LIGHT DISTRIBUTION



### AAI CURVES

Flux Out: 836.8 lm

(M)	Lux	CM
1	266.4	200
2	66.6	400
3	29.6	600
4	16.7	800
5	10.7	1000

Height Angle: 90° Diameter

- HOUSING IS FABRICATED FROM MILD STEEL
- FINISHED WITH POWDER ELECTROSTATICALLY
- STOVE-COATED WITH HIGH REFLECTIVITY WHITE EPOXY
- LAMPHOLDER OF POLYCARBONATE & BRONZE
- TWIST-LOCK LAMPHOLDER FOR RELIABLE CONTACT
- PRE-CONNECTED WITH 105°C HR PVC WIRE
- CONNECTING DEVICES OF NYLON 3 WAY X 2.5mm<sup>2</sup>
- COPPER, WEDGE ANCHOR FOR 2 x 2.5mm<sup>2</sup> EARTH WIRE
- ELECTRONIC BALLAST-A2 - INPUT 220-240vac / 50-60Hz

MODEL	TUBE (T5)	ELECTRONIC BALLAST	AMP. (A)	Power Factor (PF)	IMPERIAL APPROX.	DIMENSION (mm)		
						L	W	H
LF5 114	1 x 14W	1 x VS ELXc 135.856	0.079	0.912	-	590	74	36 / 71
LF5 121	1 x 21W	1 x VS ELXc 135.856	0.113	0.956	-	890	74	36 / 71
LF5 128	1 x 28W	1 x VS ELXc 135.856	0.138	0.970	-	1190	74	36 / 71
LF5 135	1 x 35W	1 x VS ELXc 135.856	0.173	0.985	-	1490	74	36 / 71

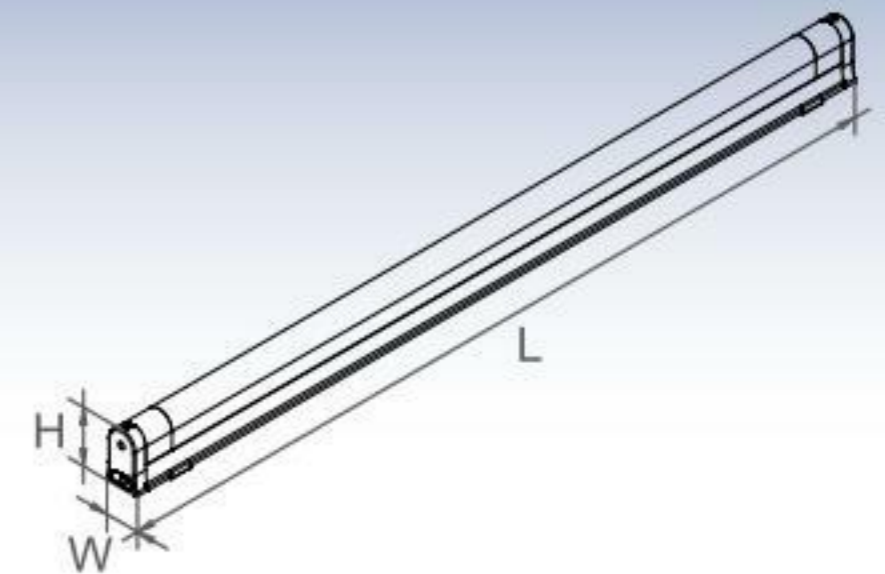
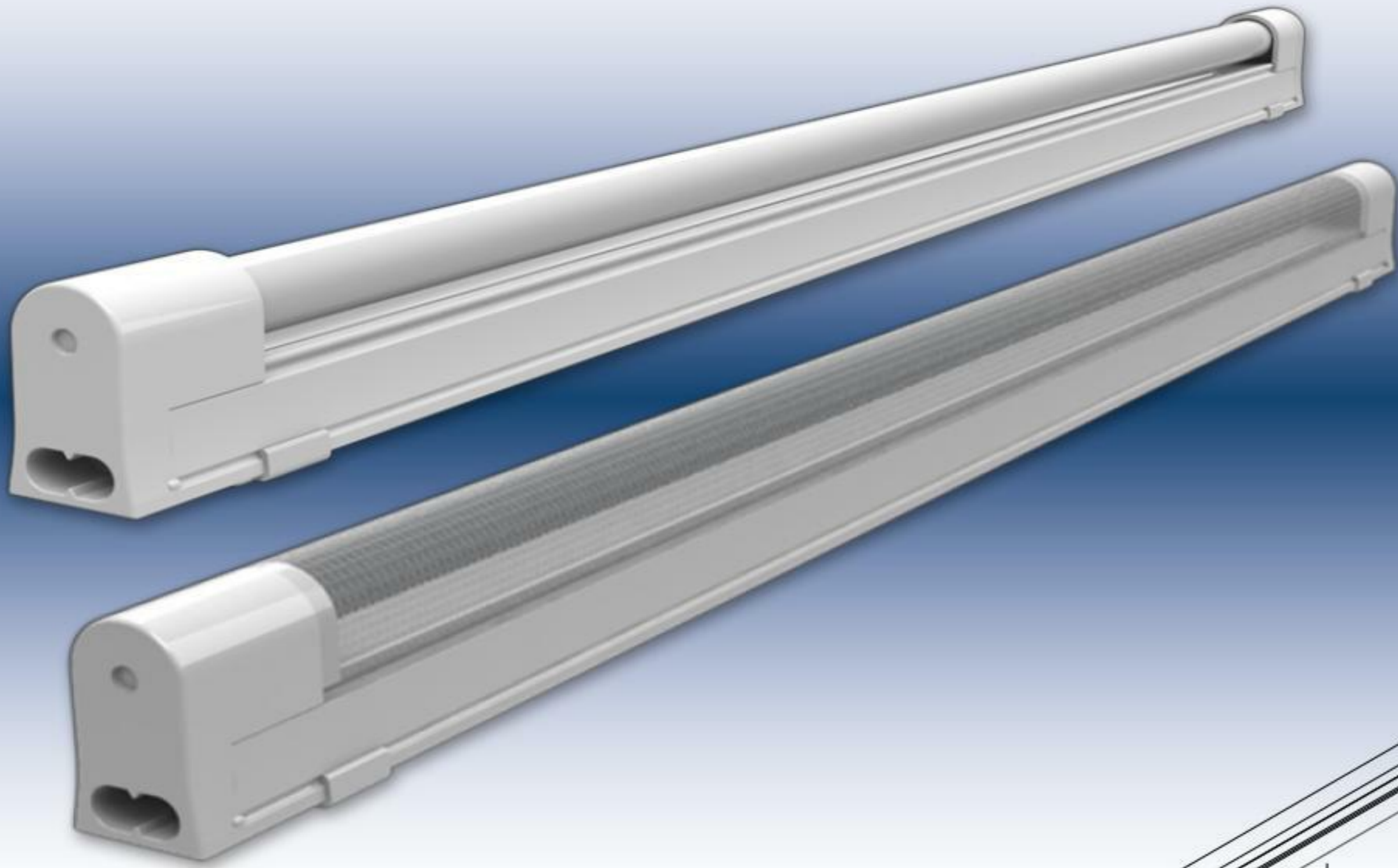
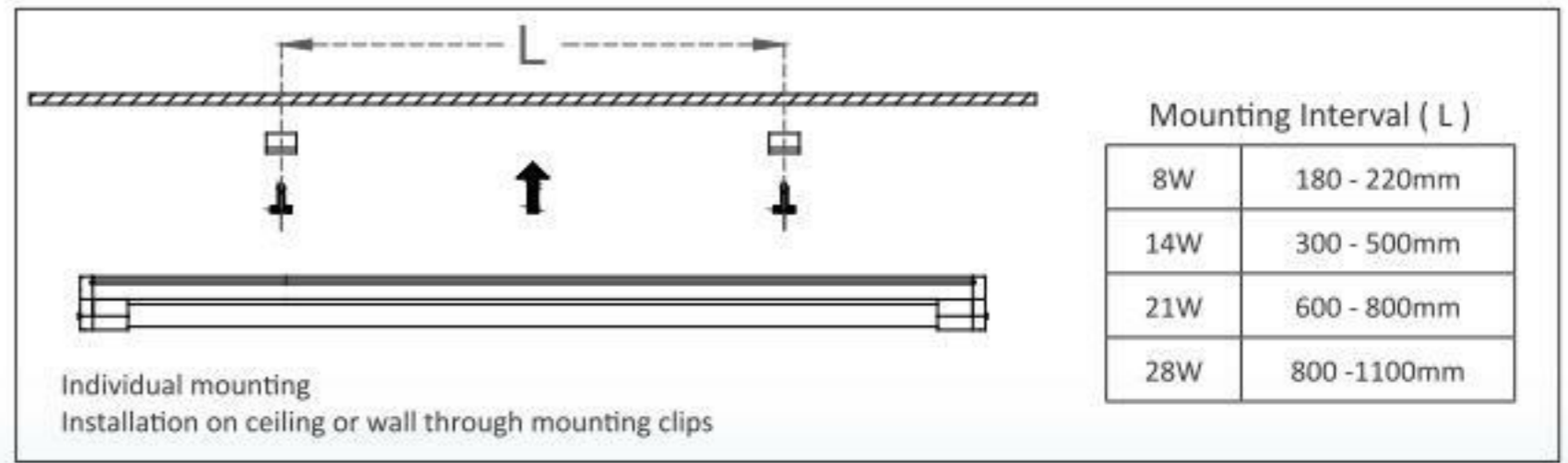
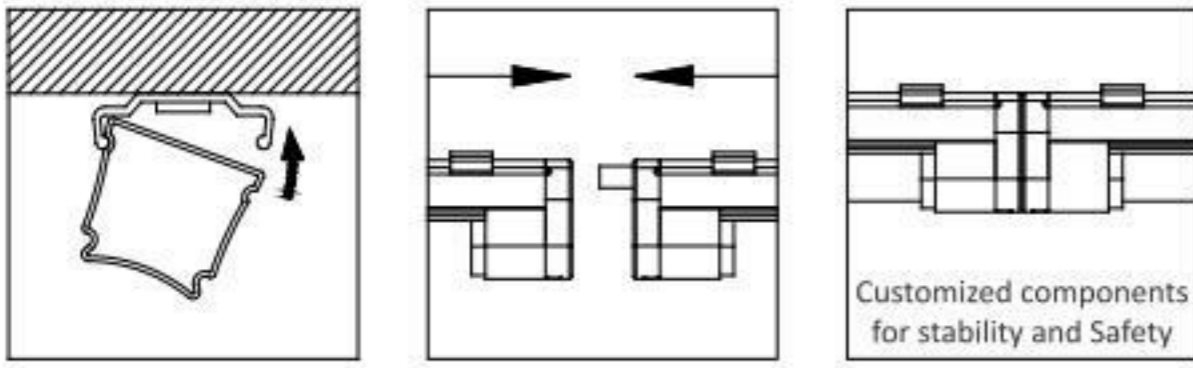




# T5 LINKING MINI BATTEN FITTING

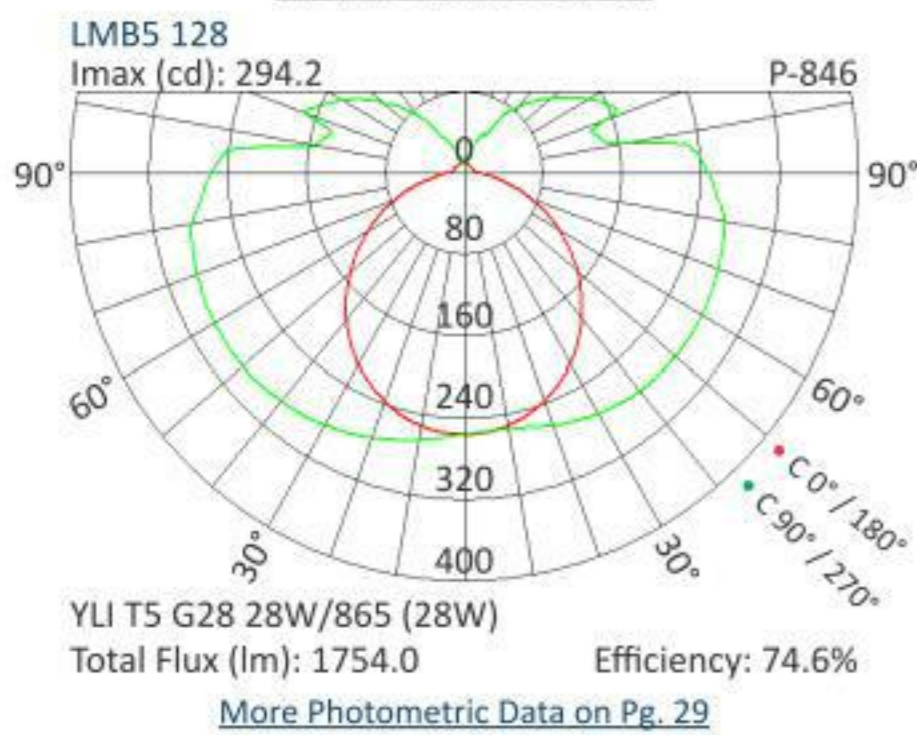
CLASS 1 IP 20

FOR SURFACE MOUNTING & PENDANT MOUNTING



## SPECIFICATIONS

### LIGHT DISTRIBUTION



### AAI CURVES

Flux Out: 453.0 lm

(M)	Lux	CM
1	144.2	200
2	36.1	400
3	16.0	600
4	9.0	800
5	5.8	1000

Height      Angle: 90°      Diameter

- HOUSING IS FABRICATED FROM POLYCARBONATE
- DIFFUSER OF PMMA - LINEAR (LMD5)
- LINKING PLUG OF POLYCARBONATE
- LINKING PLUG WITH WIRE OF POLYCARBONATE
- LINKING PLUG SOCKET WITH COVER
- TUBE END LOCKER FOR SAFETY
- LAMPHOLDER OF POLYCARBONATE & BRONZE
- TWIST-LOCK LAMPHOLDER FOR RELIABLE CONTACT
- PRE-CONNECTED WITH 105°C HR PVC WIRE
- ELECTRONIC BALLAST - INPUT 220-240vac, 50-60Hz
- MOUNTING CLIP OF STAINLESS STEEL

MODEL	TUBE (T5)	ELECTRONIC BALLAST	AMP. (A)	Power Factor (PF)	IMPERIAL APPROX.	DIMENSION (mm)		
						L	W	H
LMB5 108 / LMD5 108	1 x 8W	Standard E. Ballast 8W	0.031	> 0.98	-	310	25	42
LMB5 114 / LMD5 114	1 x 14W	Standard E. Ballast 14W	0.063	> 0.98	-	570	25	42
LMB5 121 / LMD5 121	1 x 21W	Standard E. Ballast 21W	0.081	> 0.98	-	870	25	42
LMB5 128 / LMD5 128	1 x 28W	Standard E. Ballast 28W	0.117	> 0.97	-	1170	25	42

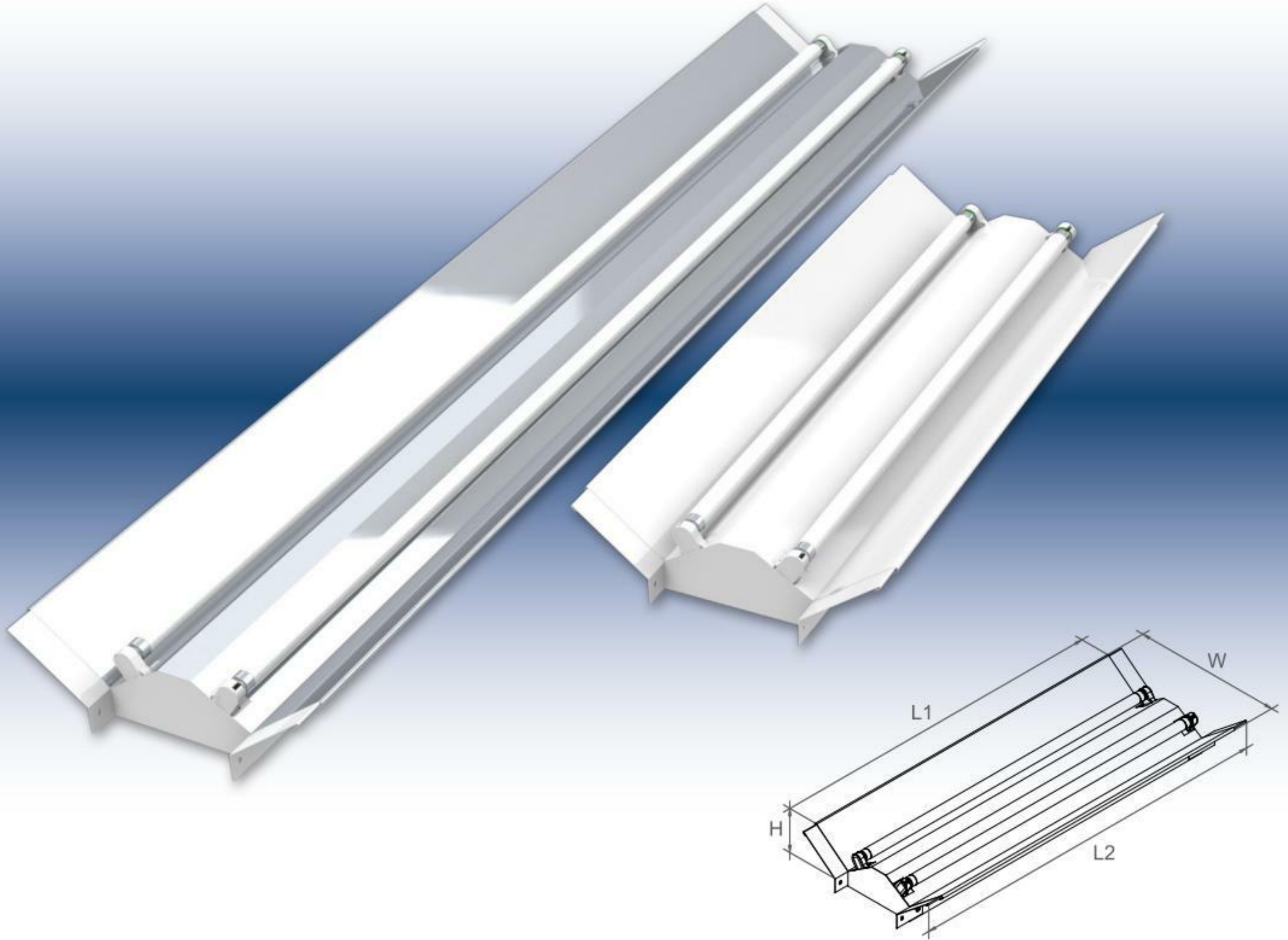




# T5 TRIANGLE FITTING

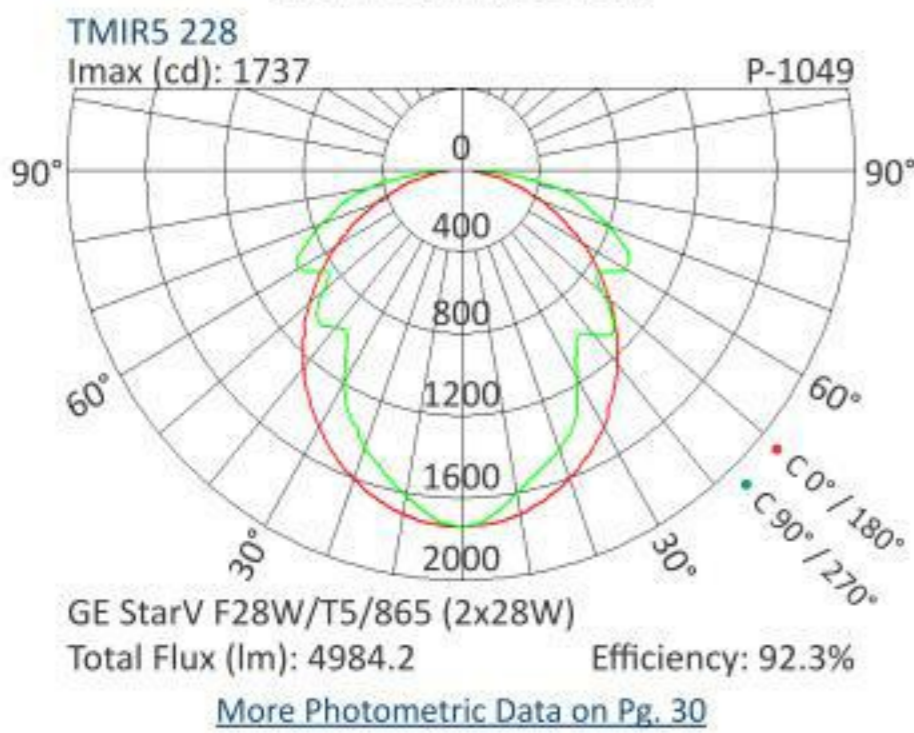
CLASS 1 IP 20

FOR SURFACE MOUNTING & PENDANT MOUNTING



## SPECIFICATIONS

### LIGHT DISTRIBUTION



### AAI CURVES

Flux Out: 1252 lm

(M)	Lux	CM
1	1195.4	115
2	298.9	231
3	132.8	346
4	74.7	461
5	47.8	577

Height      Angle: 60°      Diameter

- HOUSING IS FABRICATED FROM MILD STEEL
- FINISHED WITH POWDER ELECTROSTATICALLY
- STOVE-COATED WITH HIGH REFLECTIVITY WHITE EPOXY
- REFLECTOR OF ANODIZED ALUMINIUM, HIGH REFLECTIVE
- LAMPHOLDER OF POLYCARBONATE & BRONZE
- TWIST-LOCK LAMPHOLDER FOR RELIABLE CONTACT
- PRE-CONNECTED WITH 105°C HR PVC WIRE
- CONNECTING DEVICES OF NYLON 3 WAY X 2.5mm<sup>2</sup>
- COPPER, WEDGE ANCHOR FOR 2 x 2.5mm<sup>2</sup> EARTH WIRE
- ELECTRONIC BALLAST-A2 - INPUT 220-240vac / 50-60Hz

MODEL	TUBE (T5)	ELECTRONIC BALLAST	AMP. (A)	Power Factor (PF)	IMPERIAL APPROX.	DIMENSION (mm)			
						L1	L2	W	H
<b>MILD STEEL REFLECTOR</b>									
TMIR5 214	2 x 14W	1 x VS ELXc 235.857	0.157	0.956	-	570	620	250	75
TMIR5 228	2 x 28W	1 x VS ELXc 235.857	0.275	0.985	-	1170	1220	250	75
<b>AL. MIRROR REFLECTOR</b>									
TMIR5 214	2 x 14W	1 x VS ELXc 235.857	0.157	0.956	-	570	620	250	75
TMIR5 228	2 x 28W	1 x VS ELXc 235.857	0.275	0.985	-	1170	1220	250	75

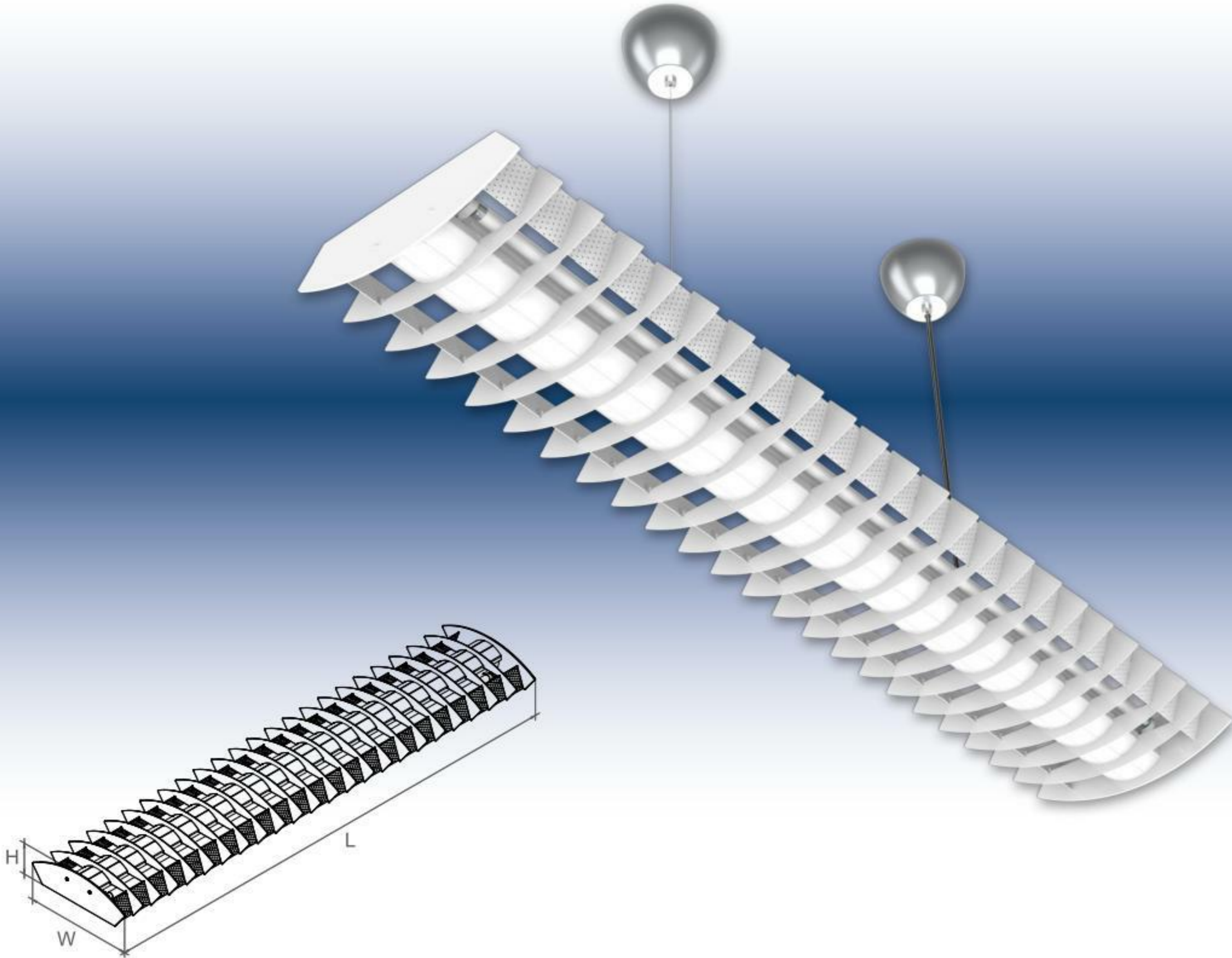




# T5 DOLPHIN FITTING

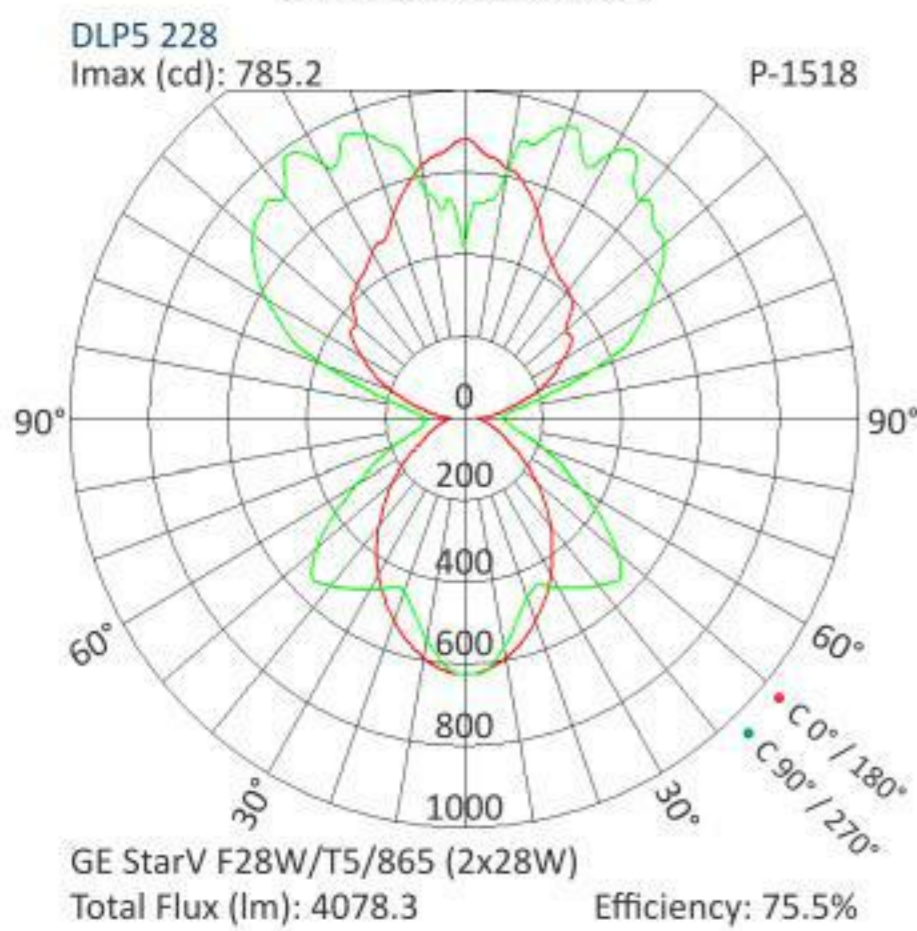
CLASS 1 IP 20

FOR PENDANT MOUNTING



## SPECIFICATIONS

### LIGHT DISTRIBUTION



### AAI CURVES

Flux Out: 820.4 lm

(M)	Lux	CM
1	261.2	200
2	65.3	400
3	29.0	600
4	16.3	800
5	10.5	1000

Height      Angle: 90°      Diameter

- HOUSING IS FABRICATED FROM MILD STEEL
- FINISHED WITH POWDER ELECTROSTATICALLY
- STOVE-COATED WITH HIGH REFLECTIVITY WHITE EPOXY
- LAMPHOLDER OF POLYCARBONATE & BRONZE
- TWIST-LOCK LAMPHOLDER FOR RELIABLE CONTACT
- PRE-CONNECTED WITH 105°C HR PVC WIRE
- CONNECTING DEVICES OF NYLON 3 WAY X 2.5mm<sup>2</sup>
- COPPER, WEDGE ANCHOR FOR 2 x 2.5mm<sup>2</sup> EARTH WIRE
- ELECTRONIC BALLAST-A2 - INPUT 220-240vac / 50-60Hz

MODEL	TUBE (T5)	ELECTRONIC BALLAST	AMP. (A)	Power Factor (PF)	IMPERIAL APPROX.	DIMENSION (mm)		
						L	W	H
DLP5 214	2 x 14W	1 x VS ELXc 235.857	0.157	0.956	-	620	275	80
DLP5 228	2 x 28W	1 x VS ELXc 235.857	0.275	0.985	-	1228	275	80

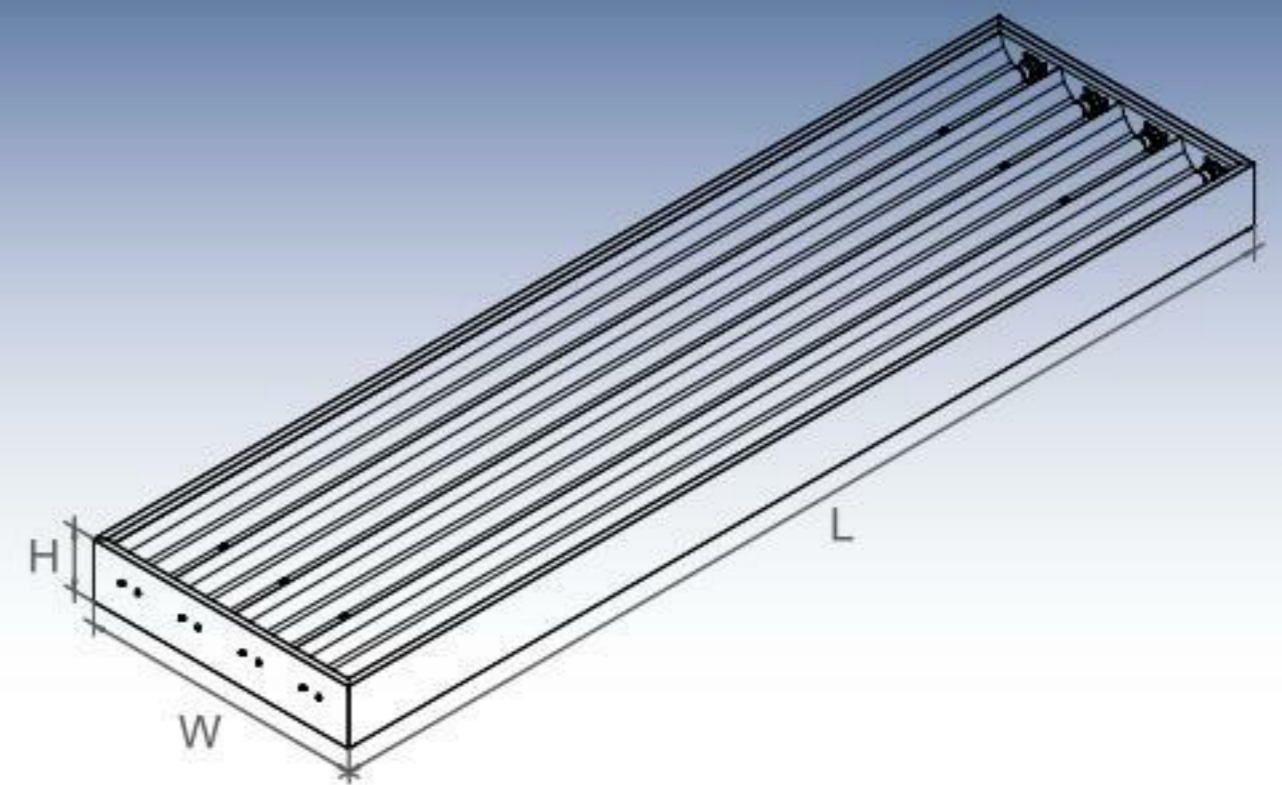




# T5 LOW BAY MIRROR FITTING

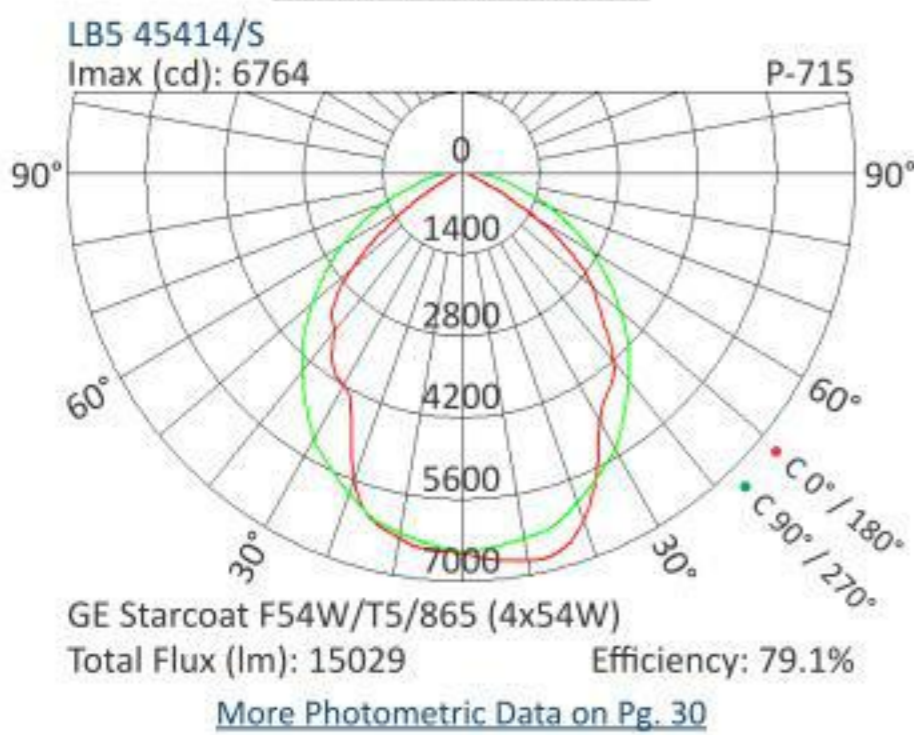
CLASS 1 IP 20

FOR SURFACE MOUNTING & PENDANT MOUNTING

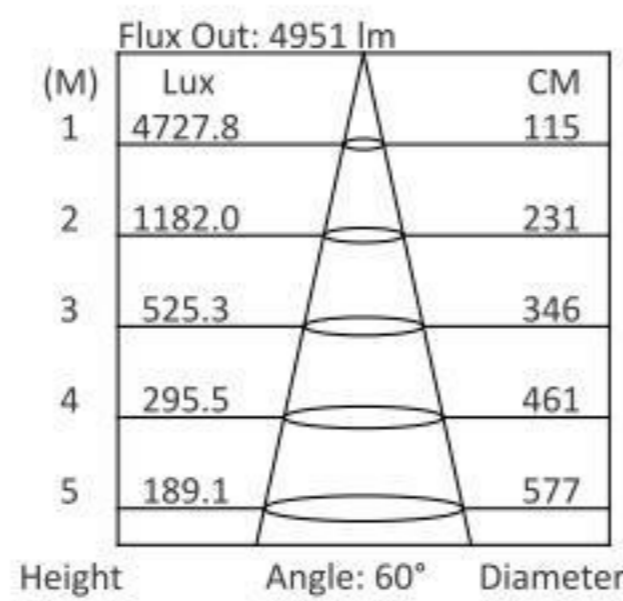


## SPECIFICATIONS

### LIGHT DISTRIBUTION



### AAI CURVES



- HOUSING IS FABRICATED FROM MILD STEEL
- FINISHED WITH POWDER ELECTROSTATICALLY
- STOVE-COATED WITH HIGH REFLECTIVITY WHITE EPOXY
- LAMPHOLDER OF POLYCARBONATE & BRONZE
- TWIST-LOCK LAMPHOLDER FOR RELIABLE CONTACT
- PRE-CONNECTED WITH 105°C HR PVC WIRE
- CONNECTING DEVICES OF NYLON 3 WAY X 2.5mm<sup>2</sup>
- COPPER, WEDGE ANCHOR FOR 2 x 2.5mm<sup>2</sup> EARTH WIRE
- ELECTRONIC BALLAST-A2 - INPUT 220-240vac / 50-60Hz
- REFLECTOR OF ANODIZED ALUMINIUM, HIGH REFLECTIVE

MODEL	TUBE (T5)	ELECTRONIC BALLAST	AMP. (A)	Power Factor (PF)	IMPERIAL APPROX.	DIMENSION (mm)		
						L	W	H
LB5 22814/S	2 x 28W	1 x VS ELXc 235.857	0.275	0.985	1' x 4'	1170	330	70
LB5 25414/S	2 x 54W	1 x VS ELXc 254.865	0.491	0.984	1' x 4'	1170	330	70
LB5 42814/S	4 x 28W	2 x VS ELXc 235.857	0.548	0.985	1' x 4'	1170	330	70
LB5 45414/S	4 x 54W	2 x VS ELXc 254.865	0.988	0.986	1' x 4'	1170	330	70
LB5 32814/S	3 x 28W	1 x VS ELXc 235.857 / 1 x VS ELXc 135.856	0.412	0.975	1.5' x 4'	1170	485	70
LB5 35414/S	3 x 54W	1 x VS ELXc 254.865 / 1 x VS ELXc 154.864	0.735	0.983	1.5' x 4'	1170	485	70
LB5 62814/S	6 x 28W	3 x VS ELXc 235.857	0.826	0.984	1.5' x 4'	1170	485	70
LB5 65414/S	6 x 54W	3 x VS ELXc 254.865	1.485	0.985	1.5' x 4'	1170	485	70

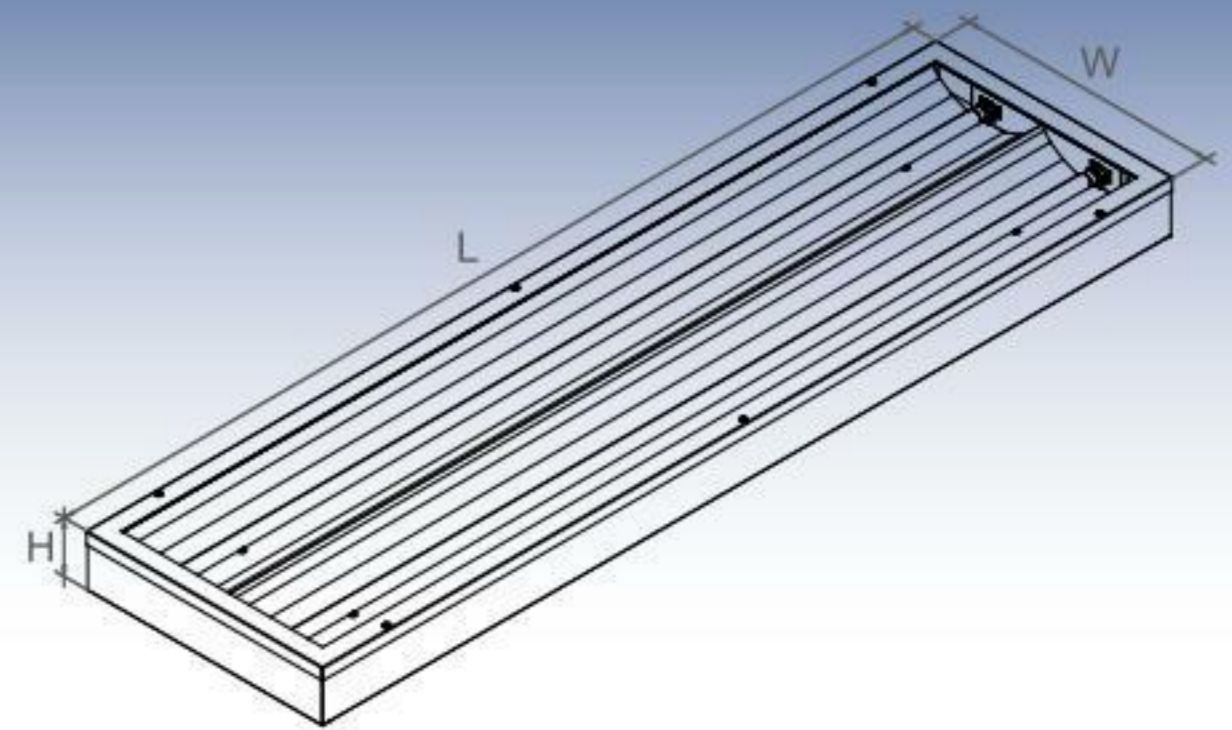




# T5 LOW BAY MIRROR WITH WEATHER PROOF FITTING

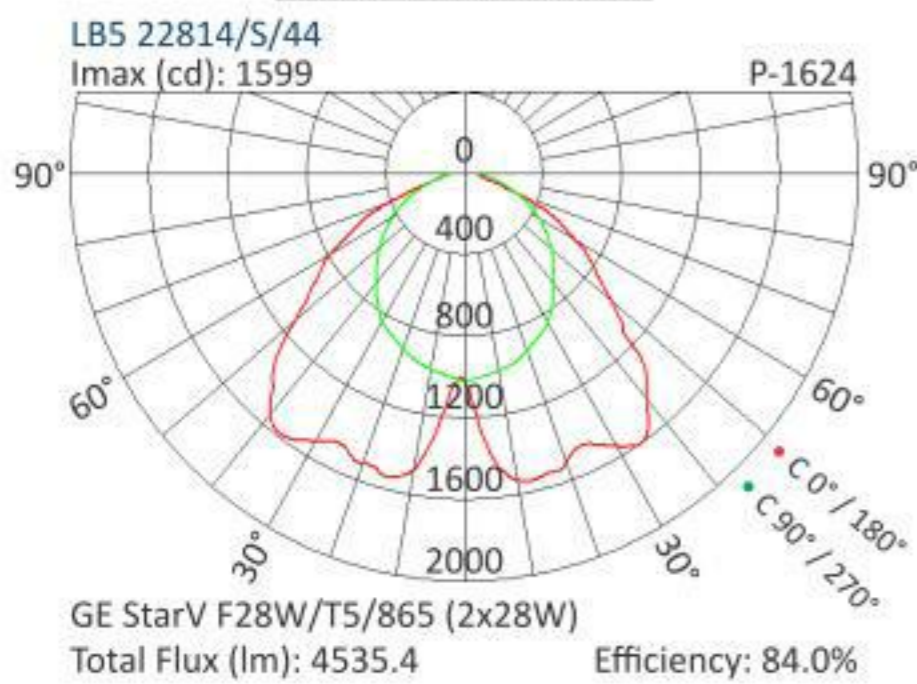
CLASS 1 IP 44

FOR SURFACE MOUNTING & PENDANT MOUNTING

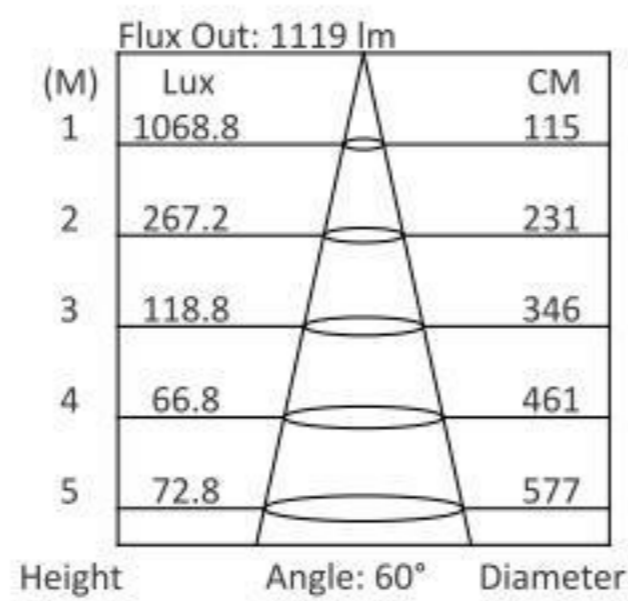


## SPECIFICATIONS

### LIGHT DISTRIBUTION



### AAI CURVES



- HOUSING IS FABRICATED FROM MILD STEEL
- FINISHED WITH POWDER ELECTROSTATICALLY
- STOVE-COATED WITH HIGH REFLECTIVITY WHITE EPOXY
- LAMPHOLDER OF POLYCARBONATE & BRONZE
- TWIST-LOCK LAMPHOLDER FOR RELIABLE CONTACT
- PRE-CONNECTED WITH 105°C HR PVC WIRE
- CONNECTING DEVICES OF NYLON 3 WAY X 2.5mm<sup>2</sup>
- COPPER, WEDGE ANCHOR FOR 2 x 2.5mm<sup>2</sup> EARTH WIRE
- ELECTRONIC BALLAST-A2 - INPUT 220-240vac / 50-60Hz
- REFLECTOR OF ANODIZED ALUMINIUM, HIGH REFLECTIVE
- PLAIN DIFFUSER OF ACRYLIC
- HINGED FRAME OF MILD STEEL IN WHITE EPOXY
- HINGED DIFFUSER SEALER WITH GASKET AND SUS BOLT

MODEL	TUBE (T5)	ELECTRONIC BALLAST	AMP. (A)	Power Factor (PF)	IMPERIAL APPROX.	DIMENSION (mm)		
						L	W	H
LB5 22814/S/44	2 x 28W	1 x VS ELXc 235.857	0.275	0.985	1' x 4'	1193	333	71
LB5 25414/S/44	2 x 54W	1 x VS ELXc 254.865	0.491	0.984	1' x 4'	1193	333	71
LB5 42814/S/44	4 x 28W	2 x VS ELXc 235.857	0.548	0.985	1' x 4'	1193	333	71
LB5 45414/S/44	4 x 54W	2 x VS ELXc 254.865	0.988	0.986	1' x 4'	1193	333	71
LB5 32814/S/44	3 x 28W	1 x VS ELXc 235.857 / 1 x VS ELXc 135.856	0.412	0.975	1.5' x 4'	1193	488	71
LB5 35414/S/44	3 x 54W	1 x VS ELXc 254.865 / 1 x VS ELXc 154.864	0.735	0.983	1.5' x 4'	1193	488	71
LB5 62814/S/44	6 x 28W	3 x VS ELXc 235.857	0.826	0.984	1.5' x 4'	1193	488	71
LB5 65414/S/44	6 x 54W	3 x VS ELXc 254.865	1.485	0.985	1.5' x 4'	1193	488	71

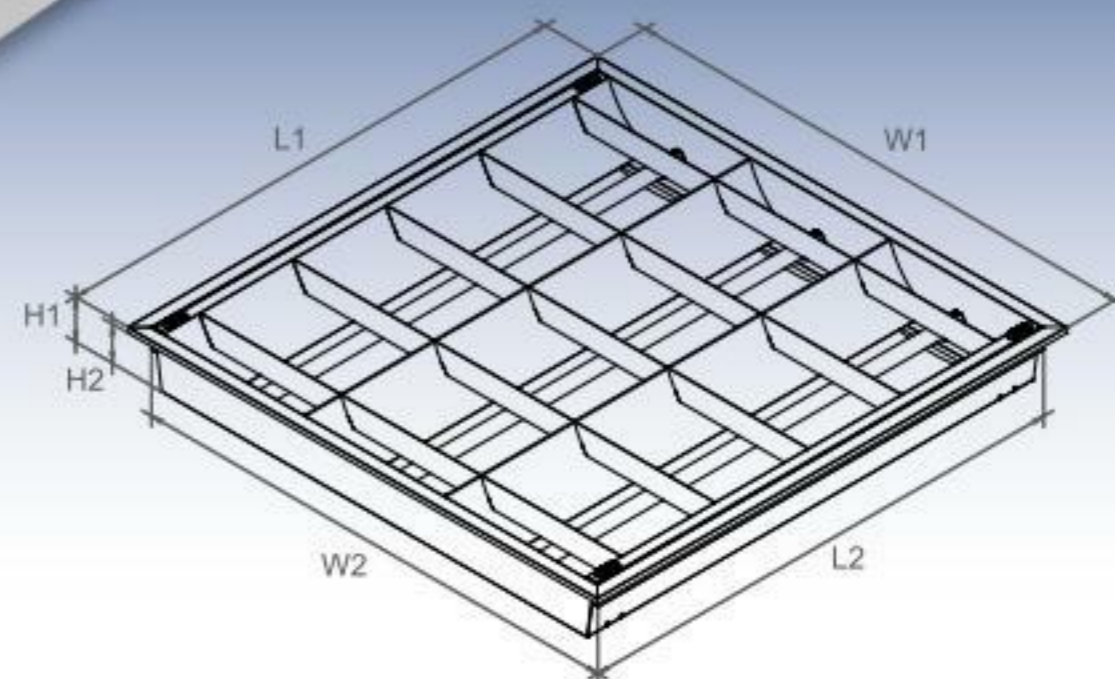
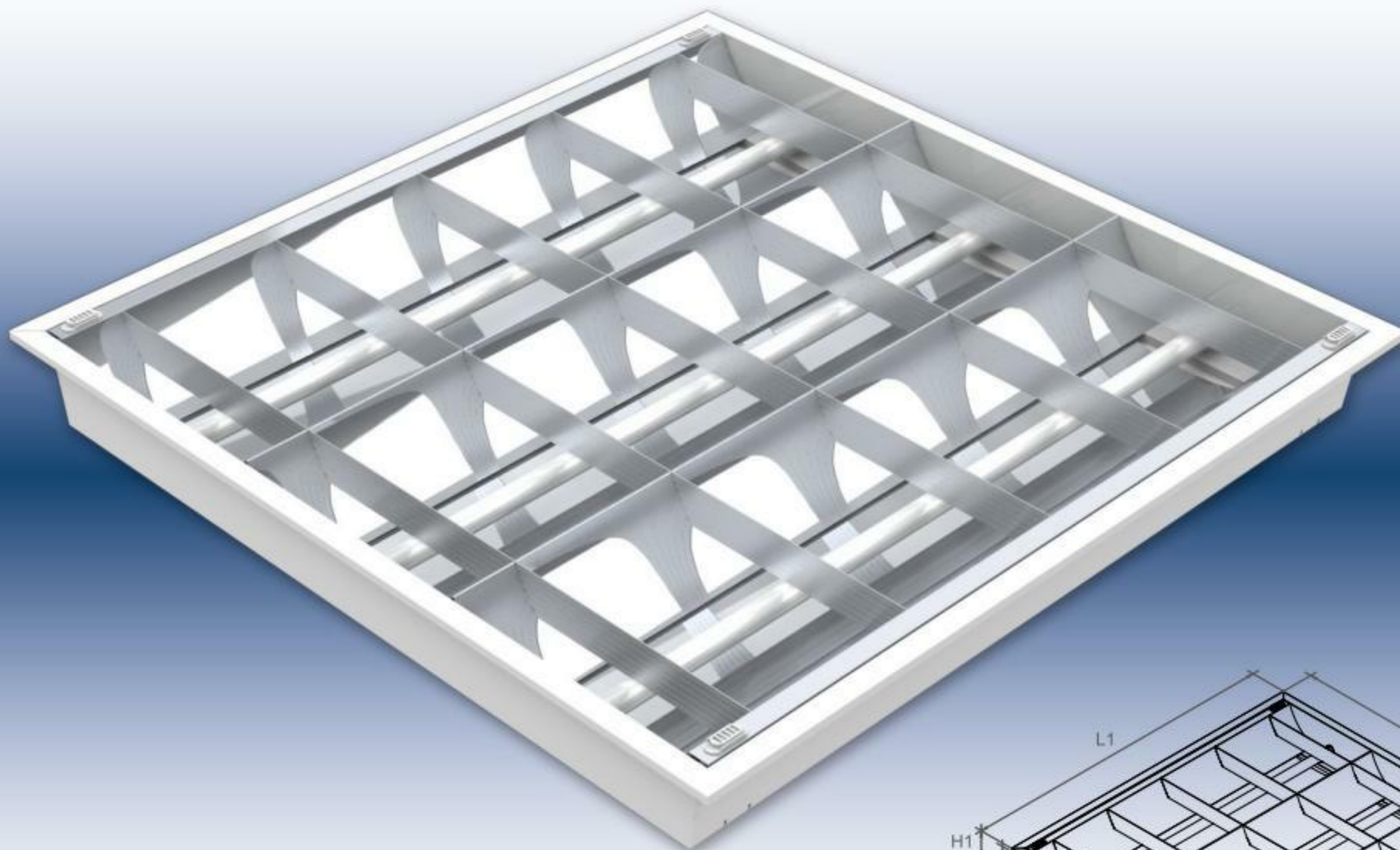




# T5 MIRROR LOUVER FITTING - type RP

CLASS 1 IP 20

FOR RECESSED TEE BAR CEILING IMPERIAL SIZE & RECESSED PLASTER CEILING



**STANDARD:**

DESIGNED, MANUFACTURED AND COMPLIED WITH:

MS IEC 60598 - LUMINAIRES

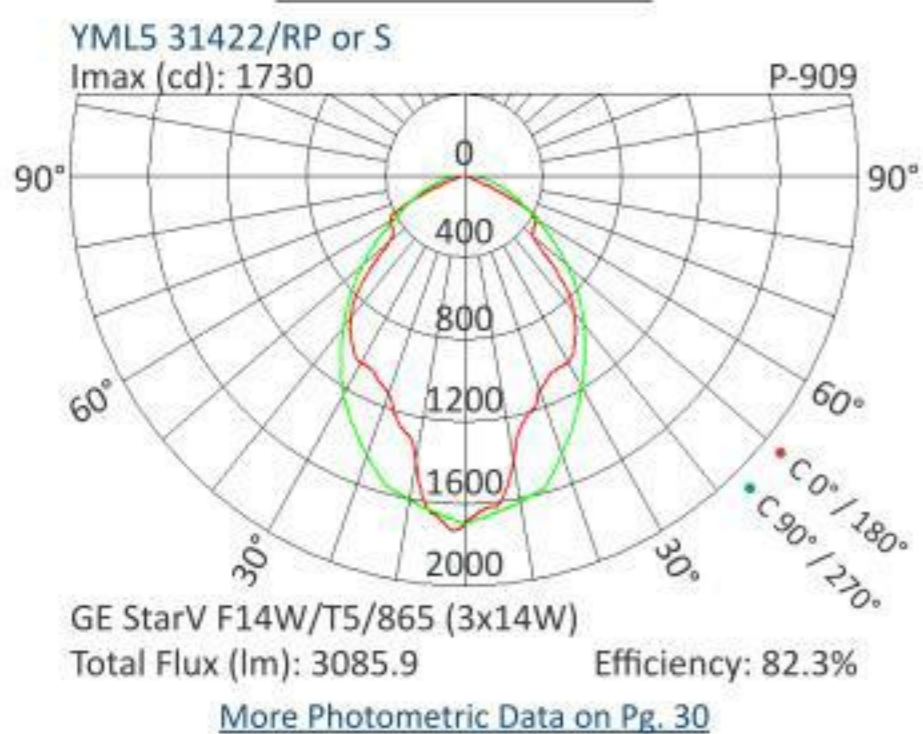
MS IEC 60400 - LAMPHOLDER; STARTERHOLDER

MS IEC 60998 - CONNECTING DEVICES

-- IEC 61347 - ELECTRONIC BALLAST

## SPECIFICATIONS

### LIGHT DISTRIBUTION



### AAI CURVES

Height (M)	Lux	CM
1	1003.8	115
2	250.9	231
3	111.5	346
4	62.7	462
5	40.2	577

Flux Out: 1051 lm  
Angle: 60°

- HOUSING IS FABRICATED FROM MILD STEEL
- FINISHED WITH POWDER ELECTROSTATICALLY
- STOVE-COATED WITH HIGH REFLECTIVITY WHITE EPOXY
- LAMPHOLDER OF POLYCARBONATE & BRONZE
- TWIST-LOCK LAMPHOLDER FOR RELIABLE CONTACT
- PRE-CONNECTED WITH 105°C HR PVC WIRE
- CONNECTING DEVICES OF NYLON 3 WAY X 2.5mm<sup>2</sup>
- COPPER, WEDGE ANCHOR FOR 2 x 2.5mm<sup>2</sup> EARTH WIRE
- ELECTRONIC BALLAST-A2 - INPUT 220-240vac / 50-60Hz
- LOUVER OF ANODIZED ALUMINIUM, SPECULAR
- RIBBED CROSS BLADE OF ANODIZED ALUMINIUM IN MATT

MODEL	TUBE (T5)	ELECTRONIC BALLAST	AMP. (A)	Power Factor (PF)	IMPERIAL APPROX.	DIMENSION (mm)					
						L1	L2	W1	W2	H1	H2
YML5 21412/RP	2 x 14W	1 x VS ELXc 235.857	0.157	0.956	1' x 2'	604	574	304	274	65	60
YML5 21422/RP	2 x 14W	1 x VS ELXc 235.857	0.157	0.956	2' x 2'	604	574	604	574	65	60
YML5 31422/RP	3 x 14W	1 x VS ELXc 414.868	0.209	0.971	2' x 2'	604	574	604	574	65	60
YML5 41422/RP	4 x 14W	1 x VS ELXc 414.868	0.270	0.984	2' x 2'	604	574	604	574	65	60
YML5 22814/RP	2 x 28W	1 x VS ELXc 235.857	0.275	0.985	1' x 4'	1214	1184	304	274	65	60
YML5 22824/RP	2 x 28W	1 x VS ELXc 235.857	0.275	0.985	2' x 4'	1214	1184	604	574	65	60
YML5 32824/RP	3 x 28W	1 x VS ELXc 135.856 1 x VS ELXc 235.857	0.417	0.981	2' x 4'	1214	1184	604	574	65	60
YML5 42824/RP	4 x 28W	2 x VS ELXc 235.857	0.544	0.985	2' x 4'	1214	1184	604	574	65	60

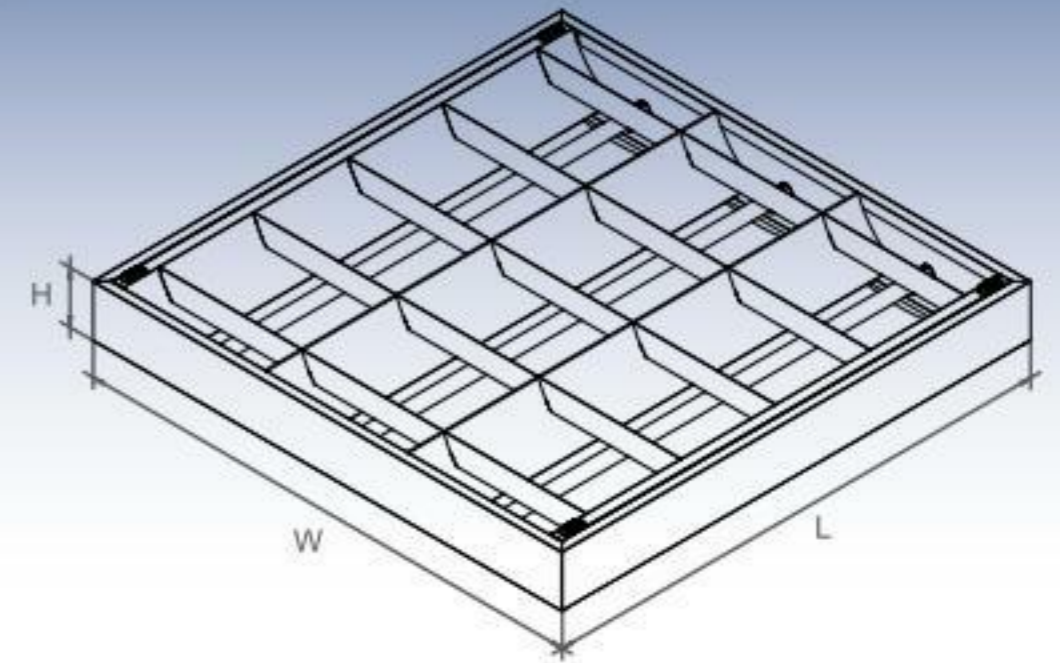
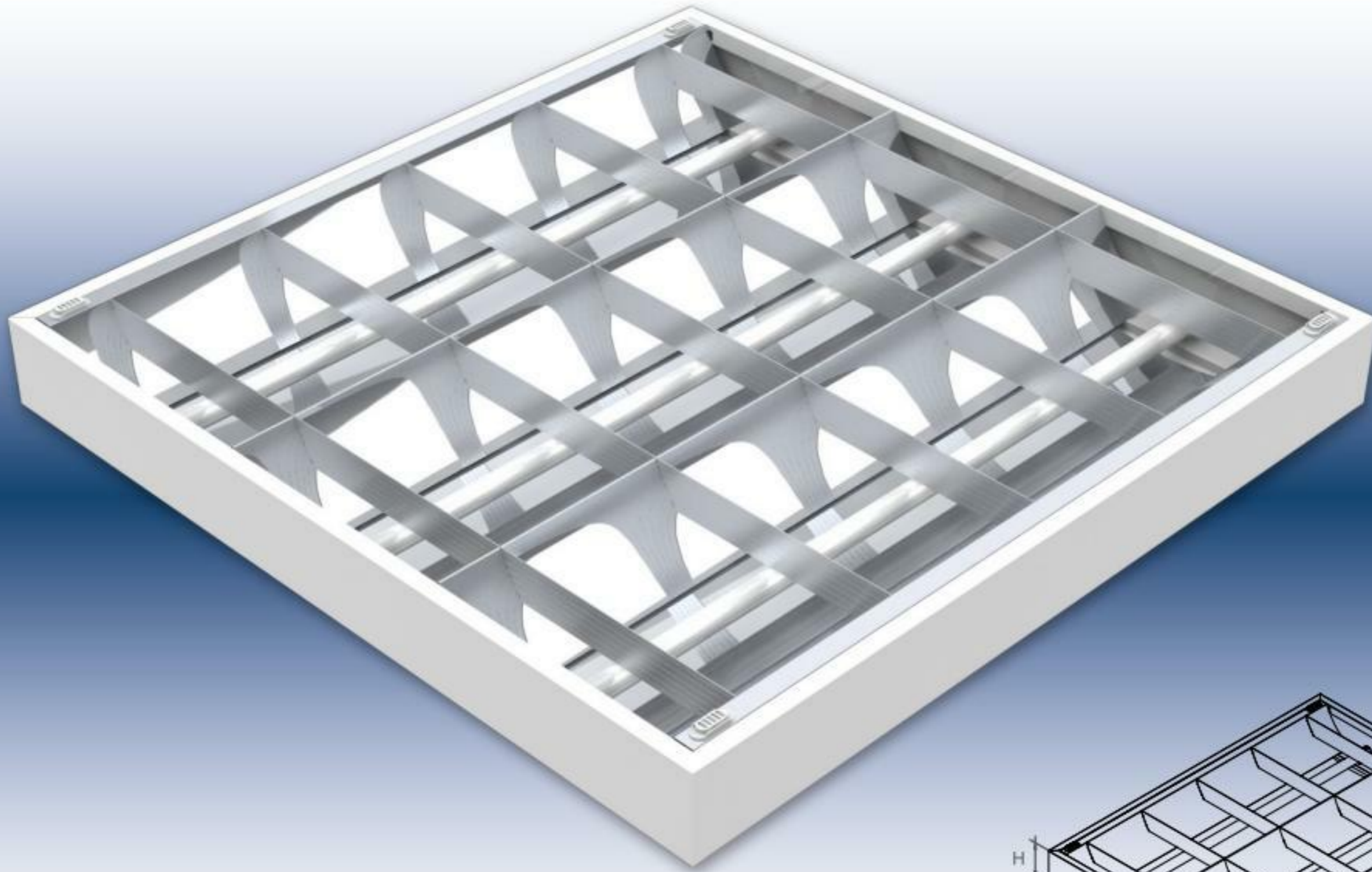




# T5 MIRROR LOUVER FITTING - type S

CLASS 1 IP 20

FOR RECESSED TEE BAR CEILING METRIC SIZE & SURFACE MOUNTING



**STANDARD:**

DESIGNED, MANUFACTURED AND COMPLIED WITH:

MS IEC 60598 - LUMINAIRES

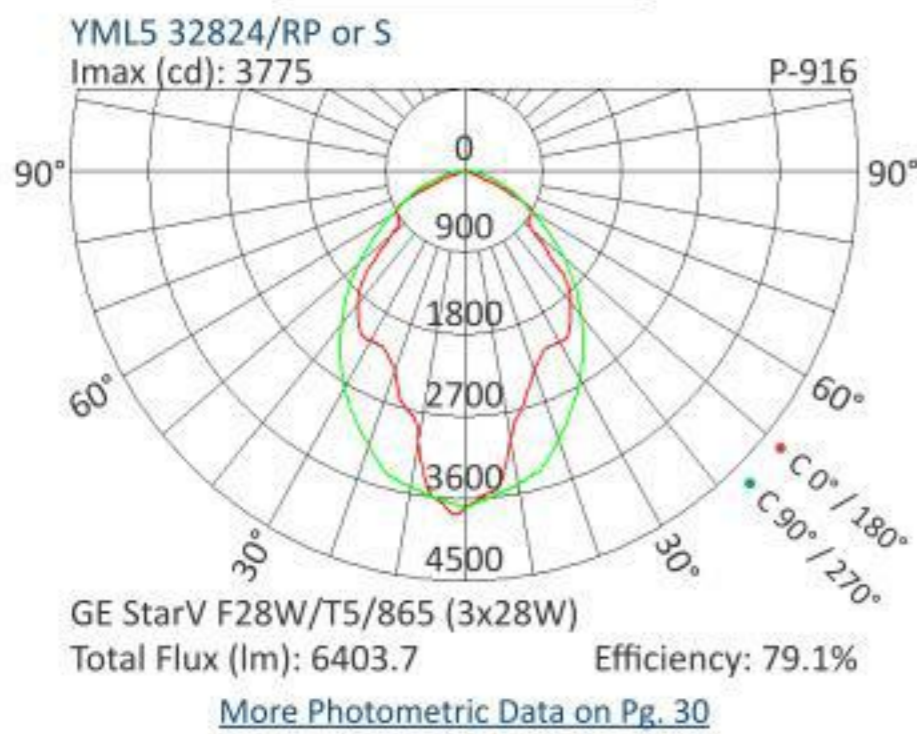
MS IEC 60400 - LAMPHOLDER; STARTERHOLDER

MS IEC 60998 - CONNECTING DEVICES

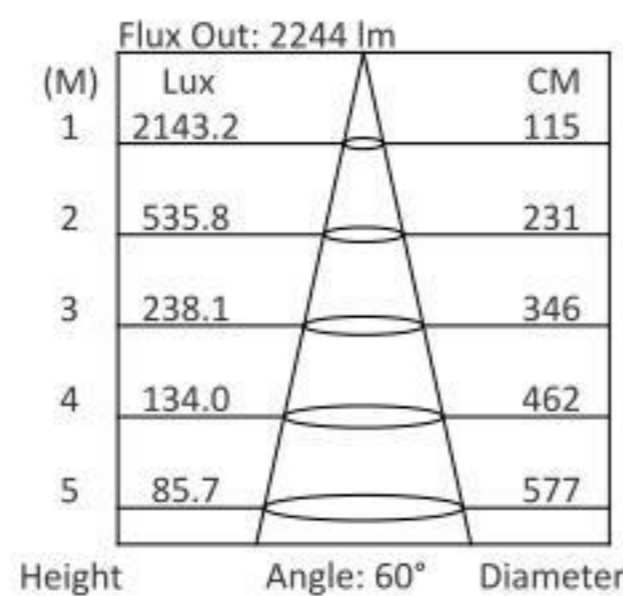
-- IEC 61347 - ELECTRONIC BALLAST

## SPECIFICATIONS

### LIGHT DISTRIBUTION



### AAI CURVES



- HOUSING IS FABRICATED FROM MILD STEEL
- FINISHED WITH POWDER ELECTROSTATICALLY
- STOVE-COATED WITH HIGH REFLECTIVITY WHITE EPOXY
- LAMPHOLDER OF POLYCARBONATE & BRONZE
- TWIST-LOCK LAMPHOLDER FOR RELIABLE CONTACT
- PRE-CONNECTED WITH 105°C HR PVC WIRE
- CONNECTING DEVICES OF NYLON 3 WAY X 2.5mm<sup>2</sup>
- COPPER, WEDGE ANCHOR FOR 2 x 2.5mm<sup>2</sup> EARTH WIRE
- ELECTRONIC BALLAST-A2 - INPUT 220-240vac / 50-60Hz
- LOUVER OF ANODIZED ALUMINIUM, SPECULAR
- RIBBED CROSS BLADE OF ANODIZED ALUMINIUM IN MATT

MODEL	TUBE (T5)	ELECTRONIC BALLAST	AMP. (A)	Power Factor (PF)	IMPERIAL APPROX.	DIMENSION (mm)		
						L	W	H
YML5 21412/S	2 x 14W	1 x VS ELXc 235.857	0.157	0.956	1' x 2'	595	295	65
YML5 21422/S	2 x 14W	1 x VS ELXc 235.857	0.157	0.956	2' x 2'	595	595	65
YML5 31422/S	3 x 14W	1 x VS ELXc 414.868	0.209	0.971	2' x 2'	595	595	65
YML5 41422/S	4 x 14W	1 x VS ELXc 414.868	0.270	0.984	2' x 2'	595	595	65
YML5 22814/S	2 x 28W	1 x VS ELXc 235.857	0.275	0.985	1' x 4'	1195	295	65
YML5 22824/S	2 x 28W	1 x VS ELXc 235.857	0.275	0.985	2' x 4'	1195	595	65
YML5 32824/S	3 x 28W	1 x VS ELXc 135.856 1 x VS ELXc 235.857	0.417	0.981	2' x 4'	1195	595	65
YML5 42824/S	4 x 28W	2 x VS ELXc 235.857	0.544	0.985	2' x 4'	1195	595	65

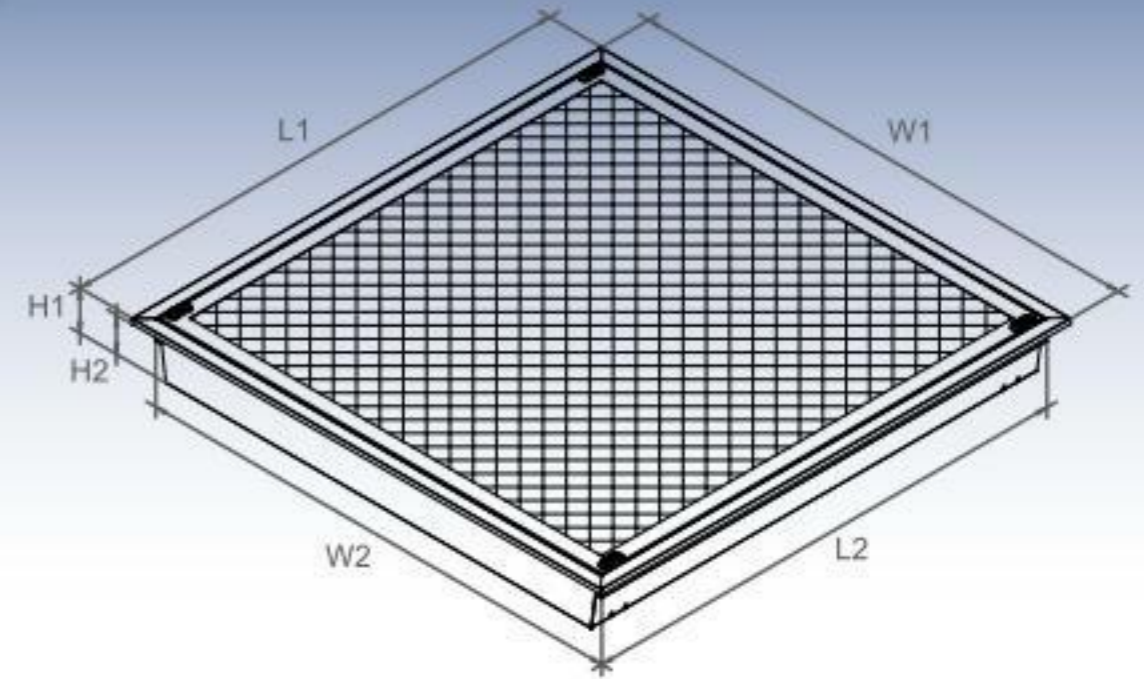
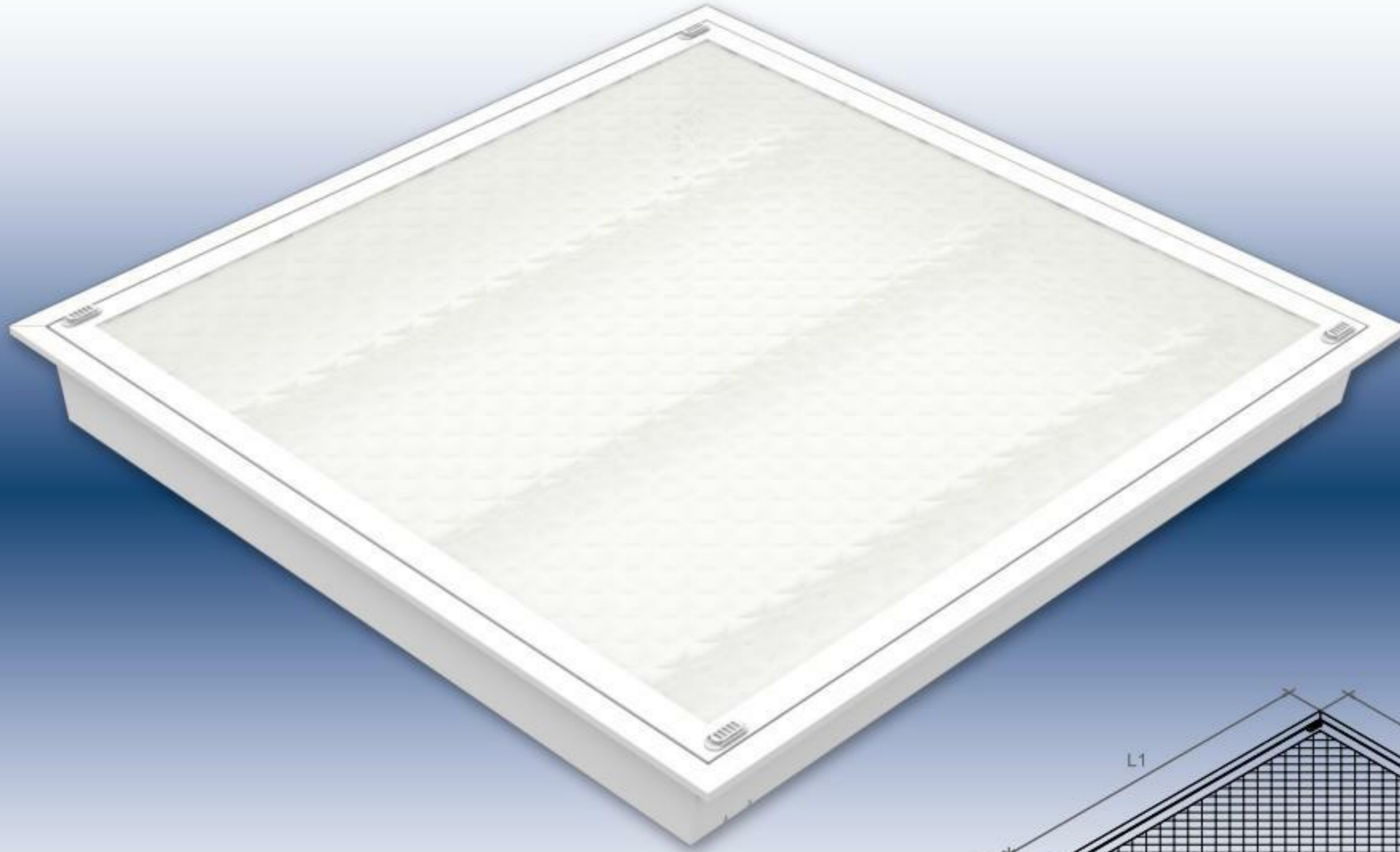




# T5 HINGED DIFFUSER FITTING - type RP

CLASS 1 IP 20

FOR RECESSED TEE BAR CEILING IMPERIAL SIZE & RECESSED PLASTER CEILING

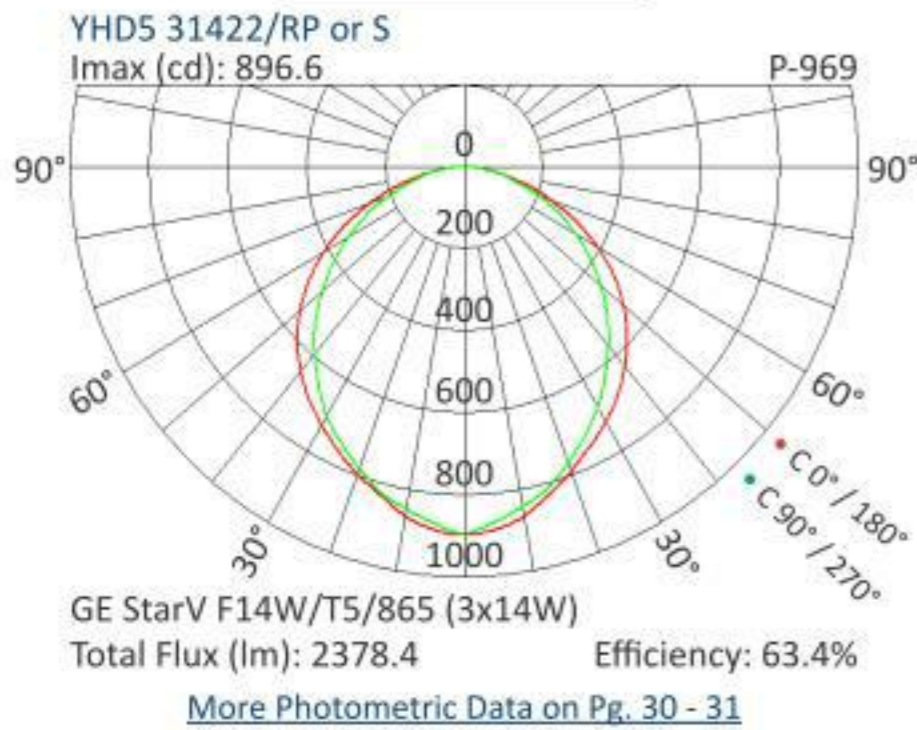


**STANDARD:**

- DESIGNED, MANUFACTURED AND COMPLIED WITH:
- MS IEC 60598 - LUMINAIRES
- MS IEC 60400 - LAMPHOLDER; STARTERHOLDER
- MS IEC 60998 - CONNECTING DEVICES
- IEC 61347 - ELECTRONIC BALLAST

## SPECIFICATIONS

### LIGHT DISTRIBUTION



### AAI CURVES

Flux Out: 653.8 lm

(M)	Lux	CM
1	642.4	115
2	156.1	231
3	69.4	346
4	39.0	462
5	25.0	577

Height      Angle: 60°      Diameter

- HOUSING IS FABRICATED FROM MILD STEEL
- FINISHED WITH POWDER ELECTROSTATICALLY
- STOVE-COATED WITH HIGH REFLECTIVITY WHITE EPOXY
- LAMPHOLDER OF POLYCARBONATE & BRONZE
- TWIST-LOCK LAMPHOLDER FOR RELIABLE CONTACT
- PRE-CONNECTED WITH 105°C HR PVC WIRE
- CONNECTING DEVICES OF NYLON 3 WAY X 2.5mm<sup>2</sup>
- COPPER, WEDGE ANCHOR FOR 2 x 2.5mm<sup>2</sup> EARTH WIRE
- ELECTRONIC BALLAST-A2 - INPUT 220-240vac / 50-60Hz
- PRISMATIC DIFFUSER OF ACRYLIC
- HINGED FRAME OF MILD STEEL IN WHITE EPOXY

MODEL	TUBE (T5)	ELECTRONIC BALLAST	AMP. (A)	Power Factor (PF)	IMPERIAL APPROX.	DIMENSION (mm)					
						L1	L2	W1	W2	H1	H2
YHD5 21412/RP	2 x 14W	1 x VS ELXc 235.857	0.157	0.956	1' x 2'	604	574	304	274	65	60
YHD5 21422/RP	2 x 14W	1 x VS ELXc 235.857	0.157	0.956	2' x 2'	604	574	604	574	65	60
YHD5 31422/RP	3 x 14W	1 x VS ELXc 414.868	0.209	0.971	2' x 2'	604	574	604	574	65	60
YHD5 41422/RP	4 x 14W	1 x VS ELXc 414.868	0.270	0.984	2' x 2'	604	574	604	574	65	60
YHD5 22814/RP	2 x 28W	1 x VS ELXc 235.857	0.275	0.985	1' x 4'	1214	1184	304	274	65	60
YHD5 22824/RP	2 x 28W	1 x VS ELXc 235.857	0.275	0.985	2' x 4'	1214	1184	604	574	65	60
YHD5 32824/RP	3 x 28W	1 x VS ELXc 135.856 1 x VS ELXc 235.857	0.417	0.981	2' x 4'	1214	1184	604	574	65	60
YHD5 42824/RP	4 x 28W	2 x VS ELXc 235.857	0.544	0.985	2' x 4'	1214	1184	604	574	65	60

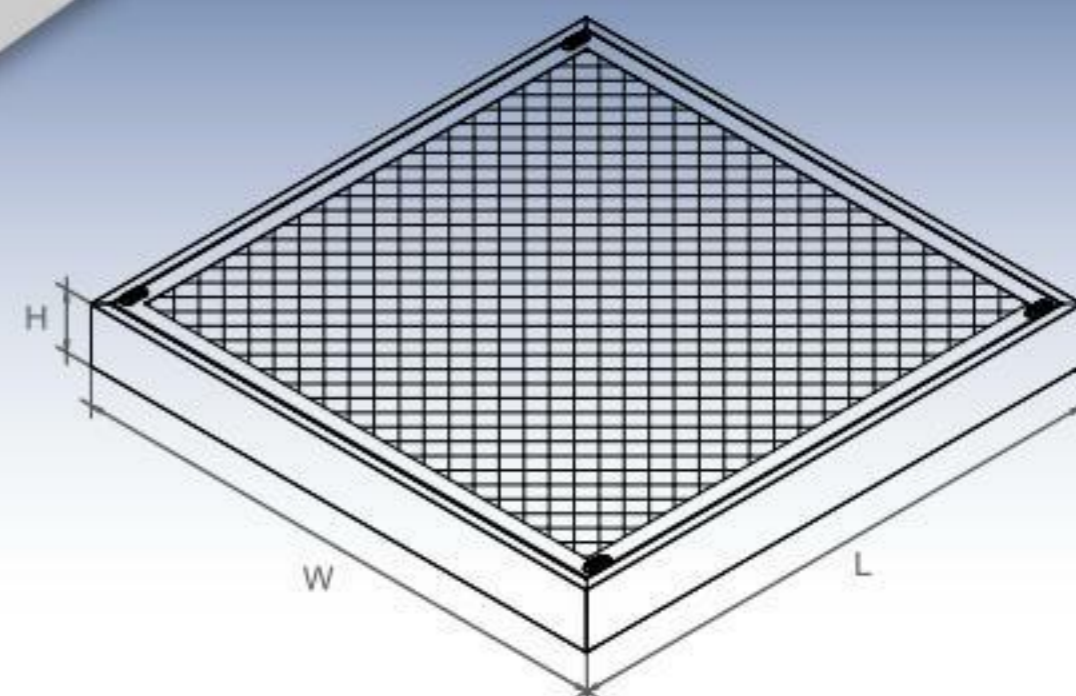
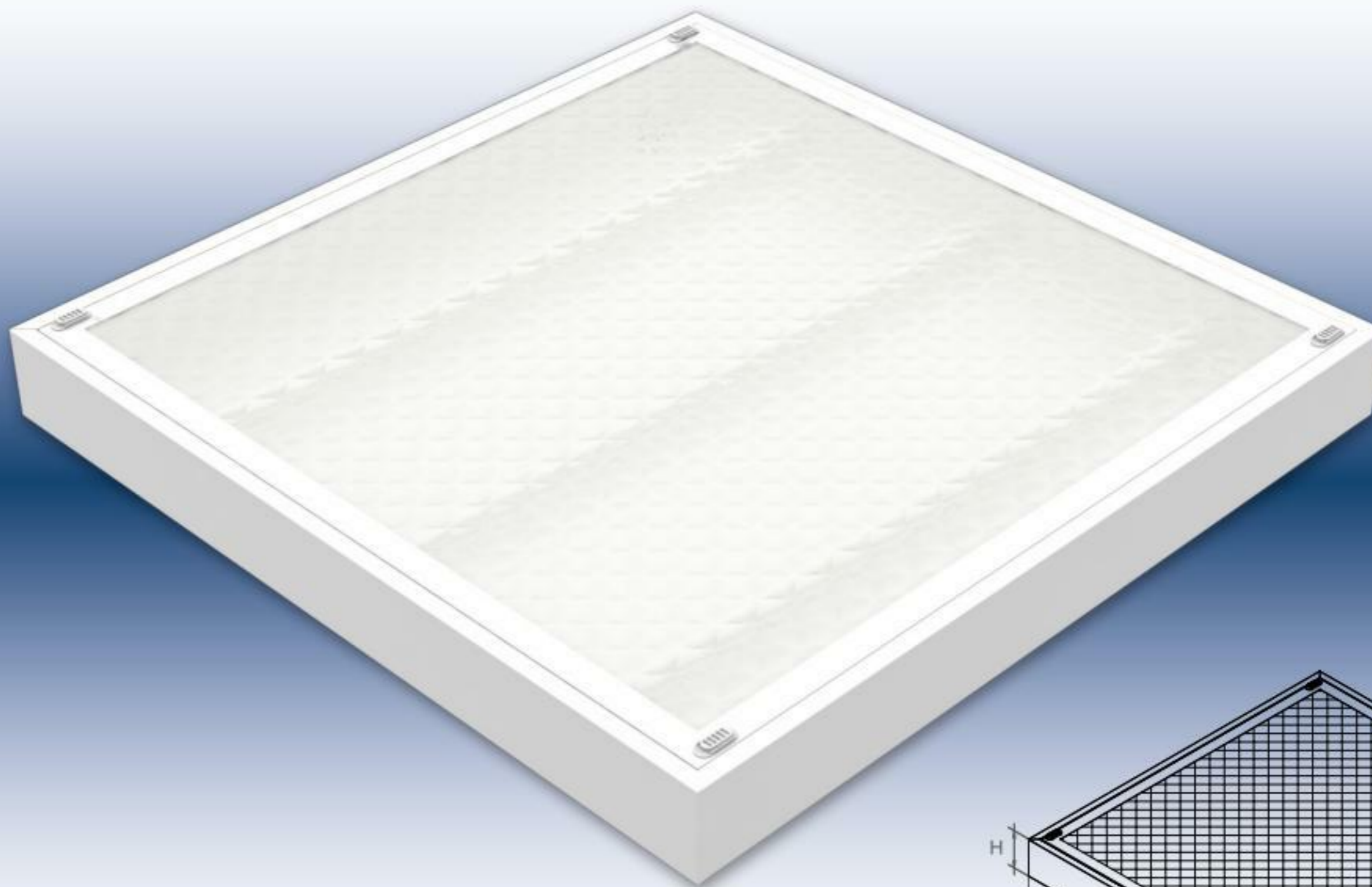




# T5 HINGED DIFFUSER FITTING - type S

CLASS 1 IP 20

FOR RECESSED TEE BAR CEILING METRIC SIZE & SURFACE MOUNTING



**STANDARD:**

DESIGNED, MANUFACTURED AND COMPLIED WITH:

MS IEC 60598 - LUMINAIRES

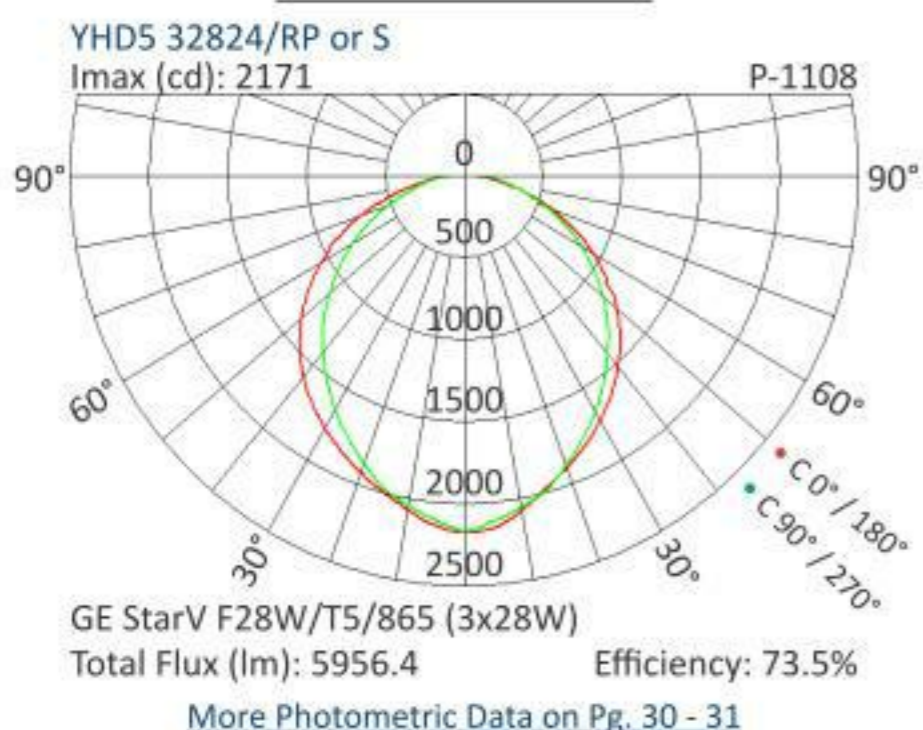
MS IEC 60400 - LAMPHOLDER; STARTERHOLDER

MS IEC 60998 - CONNECTING DEVICES

-- IEC 61347 - ELECTRONIC BALLAST

## SPECIFICATIONS

### LIGHT DISTRIBUTION



### AAI CURVES

Flux Out: 1578 lm

(M)	Lux	CM
1	1507.3	115
2	376.8	231
3	167.5	346
4	94.2	462
5	60.3	577

Height      Angle: 60°      Diameter

- HOUSING IS FABRICATED FROM MILD STEEL
- FINISHED WITH POWDER ELECTROSTATICALLY
- STOVE-COATED WITH HIGH REFLECTIVITY WHITE EPOXY
- LAMPHOLDER OF POLYCARBONATE & BRONZE
- TWIST-LOCK LAMPHOLDER FOR RELIABLE CONTACT
- PRE-CONNECTED WITH 105°C HR PVC WIRE
- CONNECTING DEVICES OF NYLON 3 WAY X 2.5mm<sup>2</sup>
- COPPER, WEDGE ANCHOR FOR 2 x 2.5mm<sup>2</sup> EARTH WIRE
- ELECTRONIC BALLAST-A2 - INPUT 220-240vac / 50-60Hz
- PRISMATIC DIFFUSER OF ACRYLIC
- HINGED FRAME OF MILD STEEL IN WHITE EPOXY

MODEL	TUBE (T5)	ELECTRONIC BALLAST	AMP. (A)	Power Factor (PF)	IMPERIAL APPROX.	DIMENSION (mm)		
						L	W	H
YHD5 21412/S	2 x 14W	1 x VS ELXc 235.857	0.157	0.956	1' x 2'	595	295	65
YHD5 21422/S	2 x 14W	1 x VS ELXc 235.857	0.157	0.956	2' x 2'	595	595	65
YHD5 31422/S	3 x 14W	1 x VS ELXc 414.868	0.209	0.971	2' x 2'	595	595	65
YHD5 41422/S	4 x 14W	1 x VS ELXc 414.868	0.270	0.984	2' x 2'	595	595	65
YHD5 22814/S	2 x 28W	1 x VS ELXc 235.857	0.275	0.985	1' x 4'	1195	295	65
YHD5 22824/S	2 x 28W	1 x VS ELXc 235.857	0.275	0.985	2' x 4'	1195	595	65
YHD5 32824/S	3 x 28W	1 x VS ELXc 135.856 1 x VS ELXc 235.857	0.417	0.981	2' x 4'	1195	595	65
YHD5 42824/S	4 x 28W	2 x VS ELXc 235.857	0.544	0.985	2' x 4'	1195	595	65

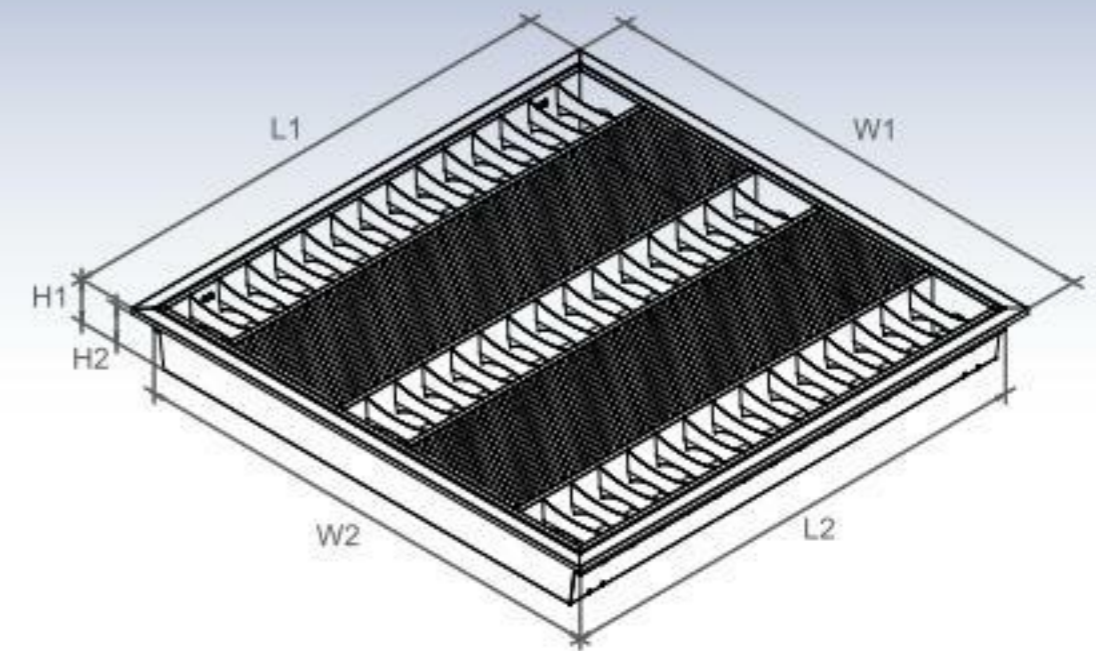
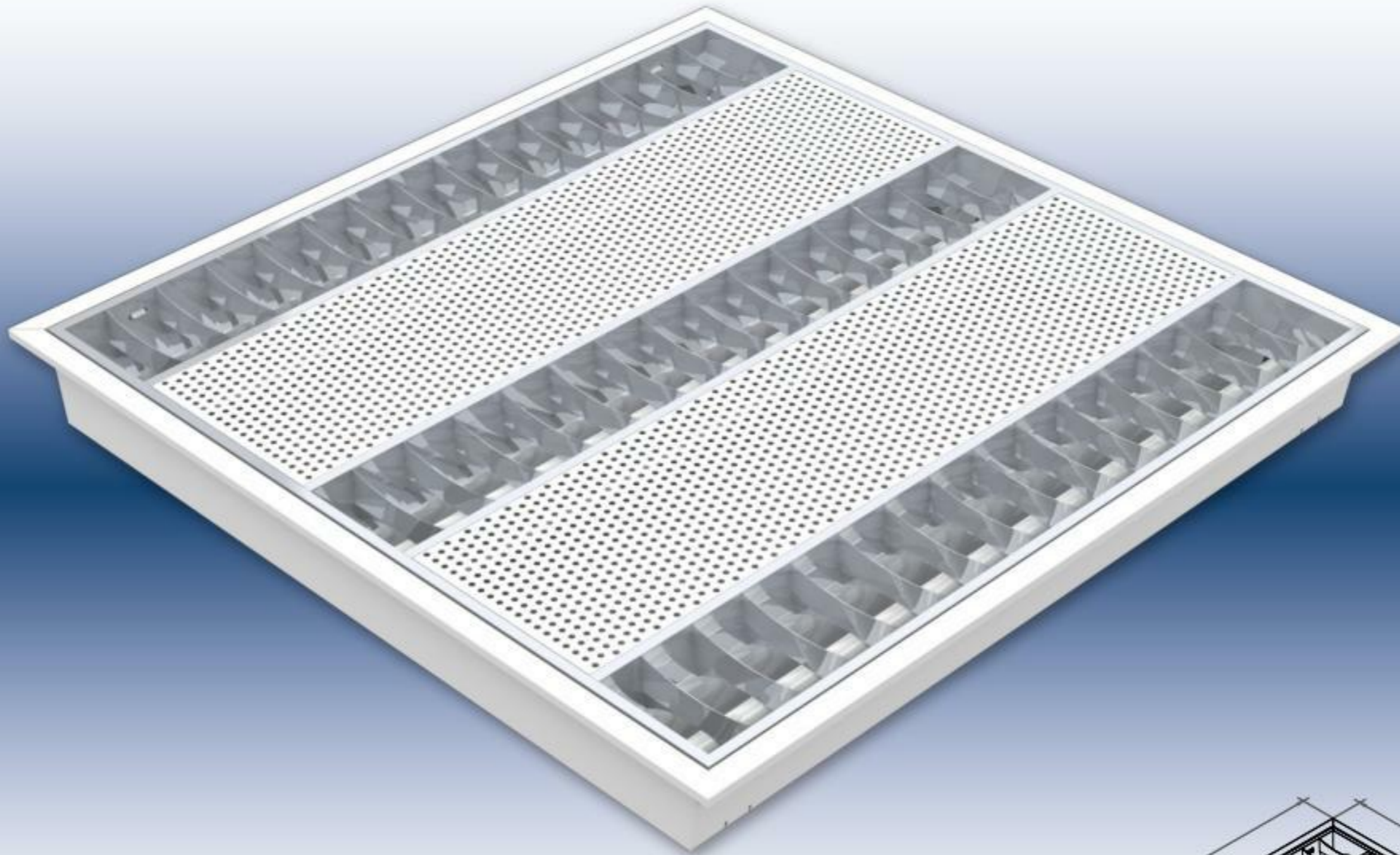




# T5 MIRROR PERFORATED FITTING - type RP

CLASS 1 IP 20

FOR RECESSED TEE BAR CEILING IMPERIAL SIZE & RECESSED PLASTER CEILING

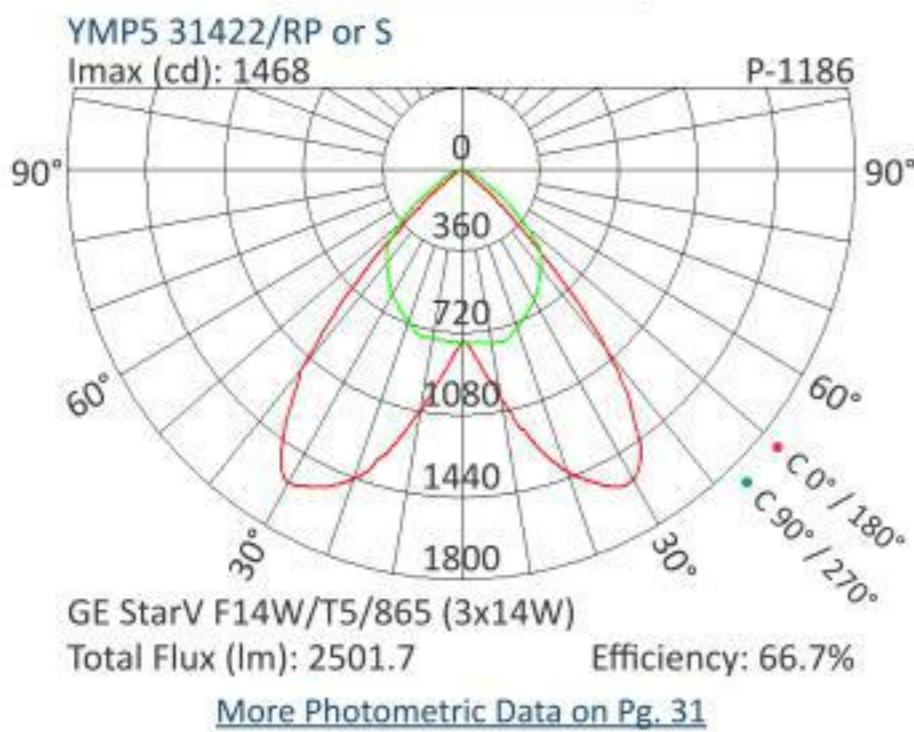


**STANDARD:**

- DESIGNED, MANUFACTURED AND COMPLIED WITH:
- MS IEC 60598 - LUMINAIRES
  - MS IEC 60400 - LAMPHOLDER; STARTERHOLDER
  - MS IEC 60998 - CONNECTING DEVICES
  - IEC 61347 - ELECTRONIC BALLAST

## SPECIFICATIONS

### LIGHT DISTRIBUTION



### AAI CURVES

(M)	Lux	CM
1	848.3	115
2	212.1	231
3	94.3	346
4	53.0	462
5	33.9	577

Flux Out: 888.3 lm  
Height Angle: 60° Diameter

- HOUSING IS FABRICATED FROM MILD STEEL
- FINISHED WITH POWDER ELECTROSTATICALLY
- STOVE-COATED WITH HIGH REFLECTIVITY WHITE EPOXY
- LAMPHOLDER OF POLYCARBONATE & BRONZE
- TWIST-LOCK LAMPHOLDER FOR RELIABLE CONTACT
- PRE-CONNECTED WITH 105°C HR PVC WIRE
- CONNECTING DEVICES OF NYLON 3 WAY X 2.5mm<sup>2</sup>
- COPPER, WEDGE ANCHOR FOR 2 x 2.5mm<sup>2</sup> EARTH WIRE
- ELECTRONIC BALLAST-A2 - INPUT 220-240vac / 50-60Hz
- LOUVER OF ANODIZED ALUMINIUM, HIGH REFLECTIVE
- CROSS BAR 'V' SHAPE OF ANODIZED AL. SPECULAR
- DIFFUSER OF PERFORATED MILD STEEL IN WHITE EPOXY

MODEL	TUBE (T5)	ELECTRONIC BALLAST	AMP. (A)	Power Factor (PF)	IMPERIAL APPROX.	DIMENSION (mm)					
						L1	L2	W1	W2	H1	H2
YMP5 21412/RP	2 x 14W	1 x VS ELXc 235.857	0.157	0.956	1' x 2'	604	574	304	274	65	60
YMP5 31422/RP	3 x 14W	1 x VS ELXc 414.868	0.209	0.971	2' x 2'	604	574	604	574	65	60
YMP5 41422/RP	4 x 14W	1 x VS ELXc 414.868	0.270	0.984	2' x 2'	604	574	604	574	65	60
YMP5 22814/RP	2 x 28W	1 x VS ELXc 235.857	0.275	0.985	1' x 4'	1214	1184	304	274	65	60
YMP5 32824/RP	3 x 28W	1 x VS ELXc 135.856 1 x VS ELXc 235.857	0.417	0.981	2' x 4'	1214	1184	604	574	65	60
YMP5 42824/RP	4 x 28W	2 x VS ELXc 235.857	0.544	0.985	2' x 4'	1214	1184	604	574	65	60

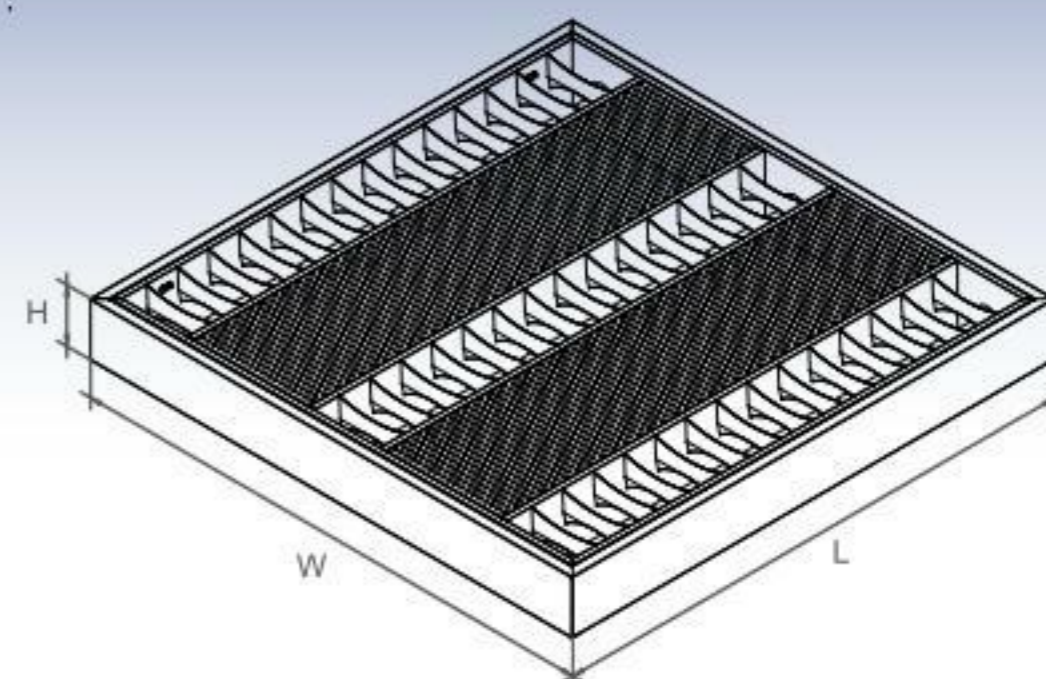
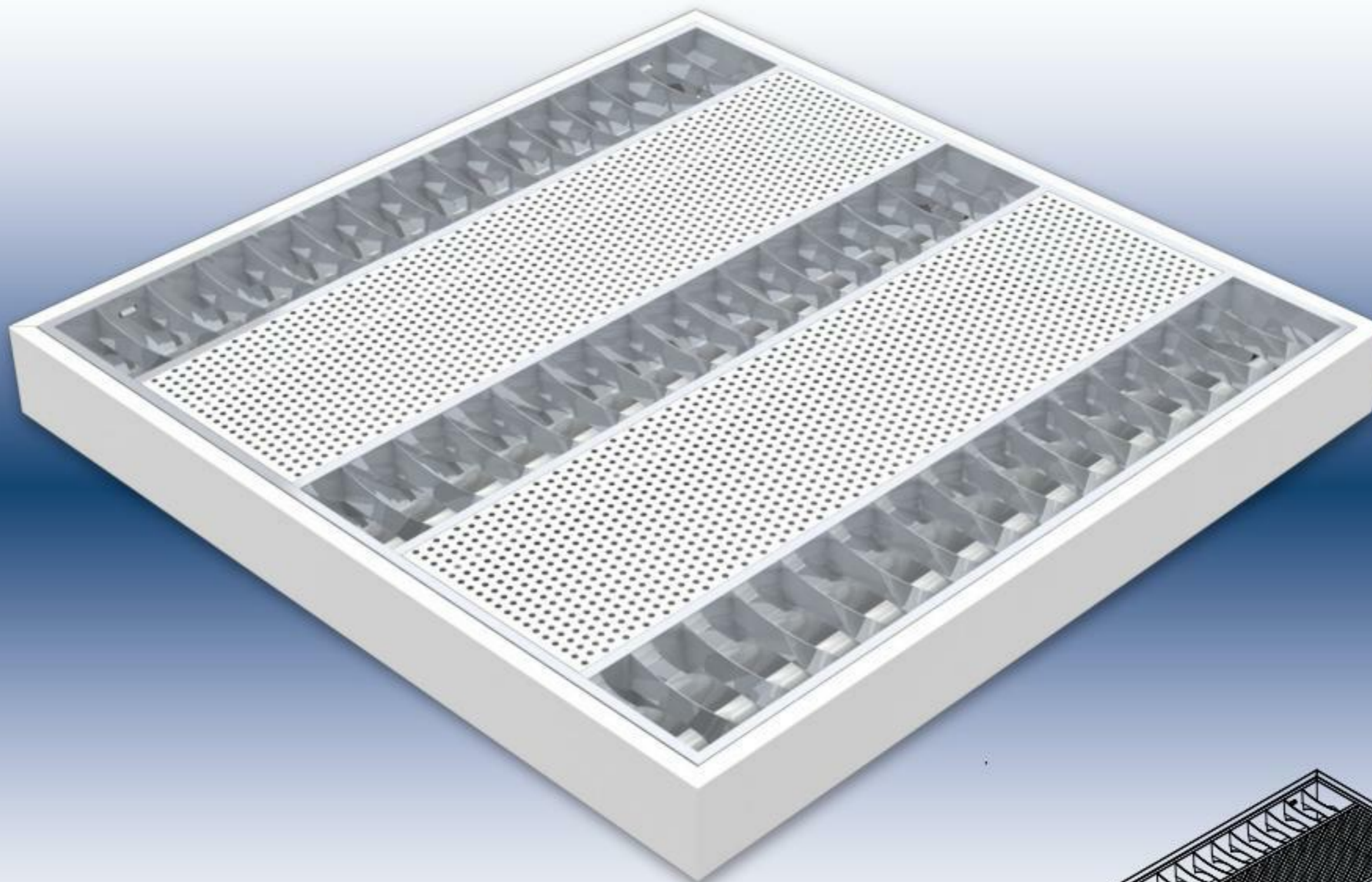




# T5 MIRROR PERFORATED FITTING - type S

CLASS 1 IP 20

FOR RECESSED TEE BAR CEILING METRIC SIZE & SURFACE MOUNTING



**STANDARD:**

DESIGNED, MANUFACTURED AND COMPLIED WITH:

MS IEC 60598 - LUMINAIRES

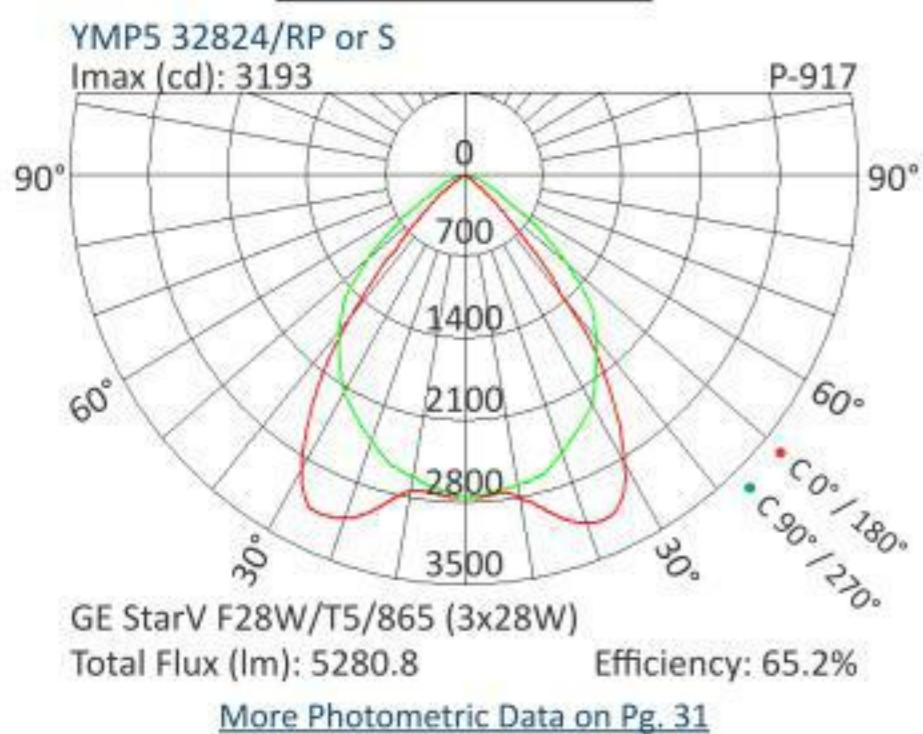
MS IEC 60400 - LAMPHOLDER; STARTERHOLDER

MS IEC 60998 - CONNECTING DEVICES

-- IEC 61347 - ELECTRONIC BALLAST

## SPECIFICATIONS

### LIGHT DISTRIBUTION



### AAI CURVES

Flux Out: 2300 lm

(M)	Lux	CM
1	2196.5	115
2	549.1	231
3	244.1	346
4	137.3	462
5	87.9	577

Height Angle: 60° Diameter

- HOUSING IS FABRICATED FROM MILD STEEL
- FINISHED WITH POWDER ELECTROSTATICALLY
- STOVE-COATED WITH HIGH REFLECTIVITY WHITE EPOXY
- LAMPHOLDER OF POLYCARBONATE & BRONZE
- TWIST-LOCK LAMPHOLDER FOR RELIABLE CONTACT
- PRE-CONNECTED WITH 105°C HR PVC WIRE
- CONNECTING DEVICES OF NYLON 3 WAY X 2.5mm<sup>2</sup>
- COPPER, WEDGE ANCHOR FOR 2 x 2.5mm<sup>2</sup> EARTH WIRE
- ELECTRONIC BALLAST-A2 - INPUT 220-240vac / 50-60Hz
- LOUVER OF ANODIZED ALUMINIUM, HIGH REFLECTIVE
- CROSS BAR 'V' SHAPE OF ANODIZED AL. SPECULAR
- DIFFUSER OF PERFORATED MILD STEEL IN WHITE EPOXY

MODEL	TUBE (T5)	ELECTRONIC BALLAST	AMP. (A)	Power Factor (PF)	IMPERIAL APPROX.	DIMENSION (mm)		
						L	W	H
YMP5 21412/S	2 x 14W	1 x VS ELXc 235.857	0.157	0.956	1' x 2'	595	295	65
YMP5 31422/S	3 x 14W	1 x VS ELXc 414.868	0.209	0.971	2' x 2'	595	595	65
YMP5 41422/S	4 x 14W	1 x VS ELXc 414.868	0.270	0.984	2' x 2'	595	595	65
YMP5 22814/S	2 x 28W	1 x VS ELXc 235.857	0.275	0.985	1' x 4'	1195	295	65
YMP5 32824/S	3 x 28W	1 x VS ELXc 135.856 1 x VS ELXc 235.857	0.417	0.981	2' x 4'	1195	595	65
YMP5 42824/S	4 x 28W	2 x VS ELXc 235.857	0.544	0.985	2' x 4'	1195	595	65

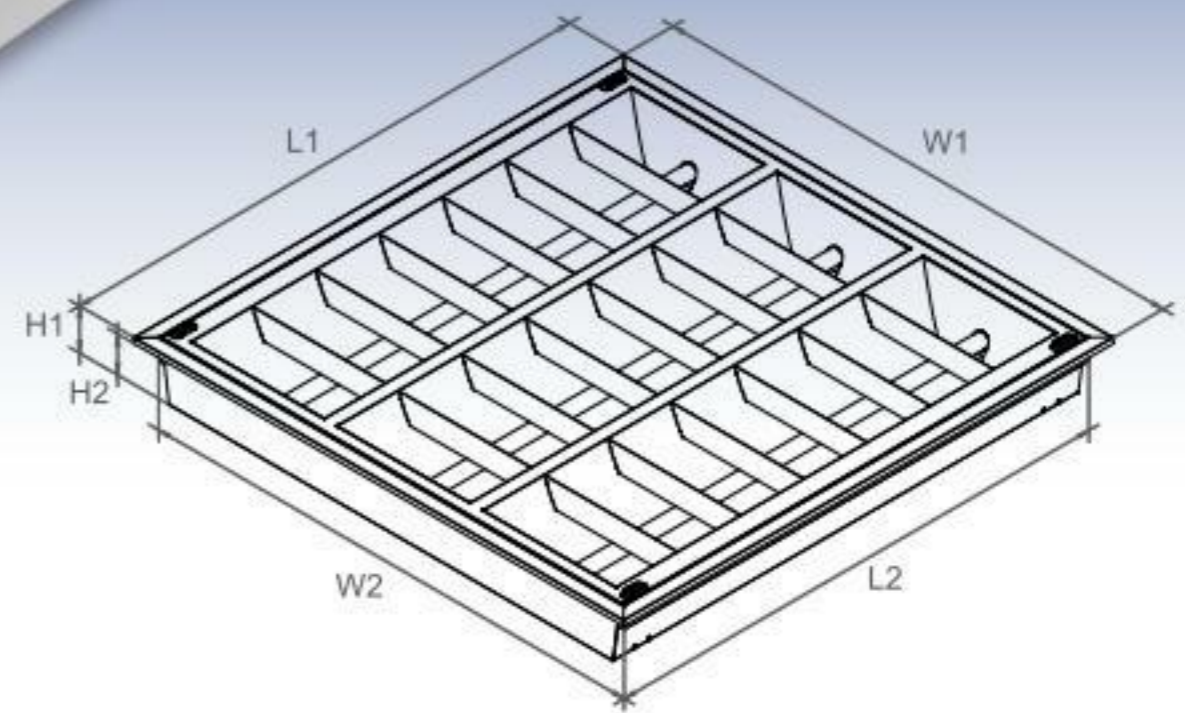
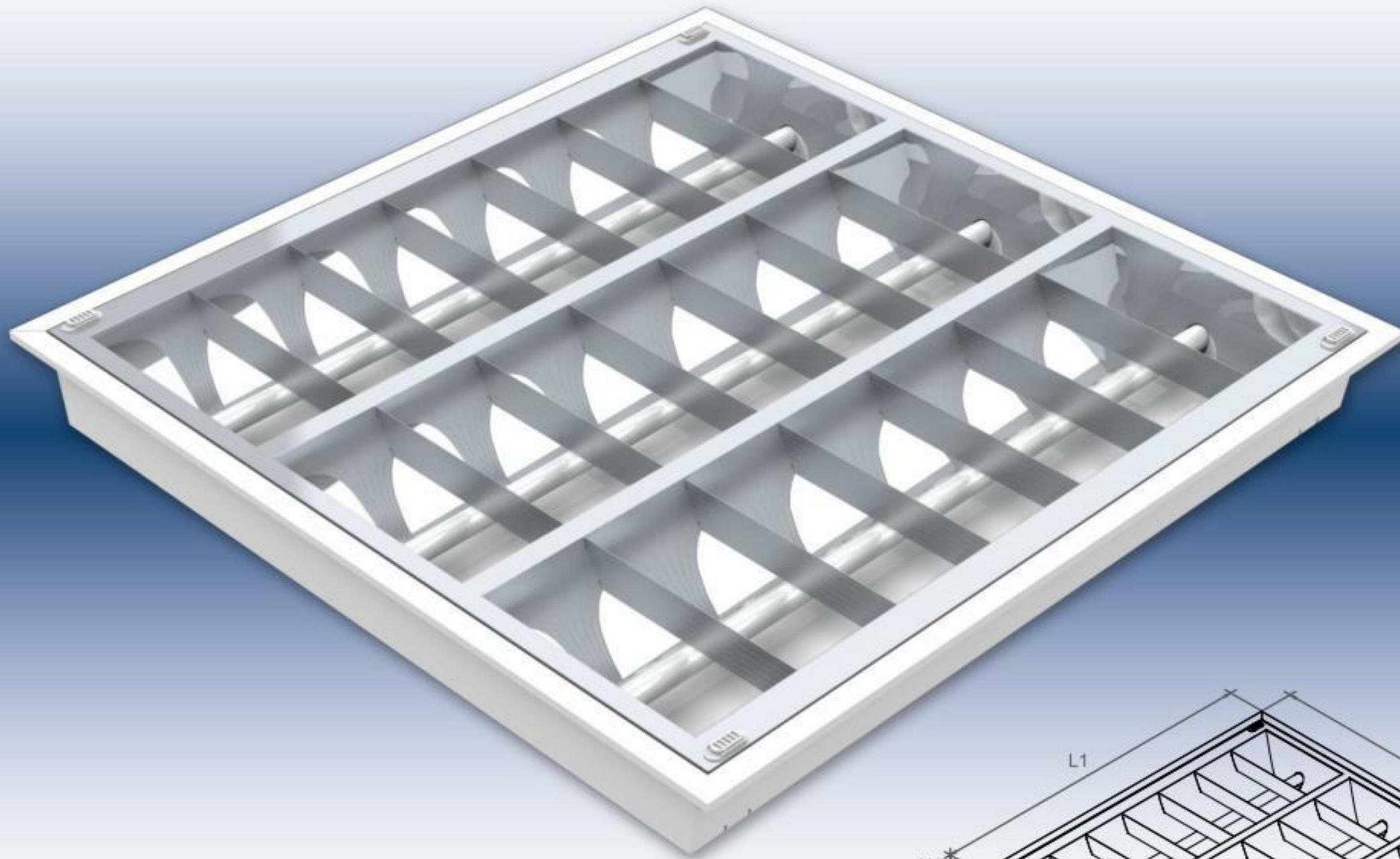




# T5 MIRROR REFLECTOR FITTING - type RP

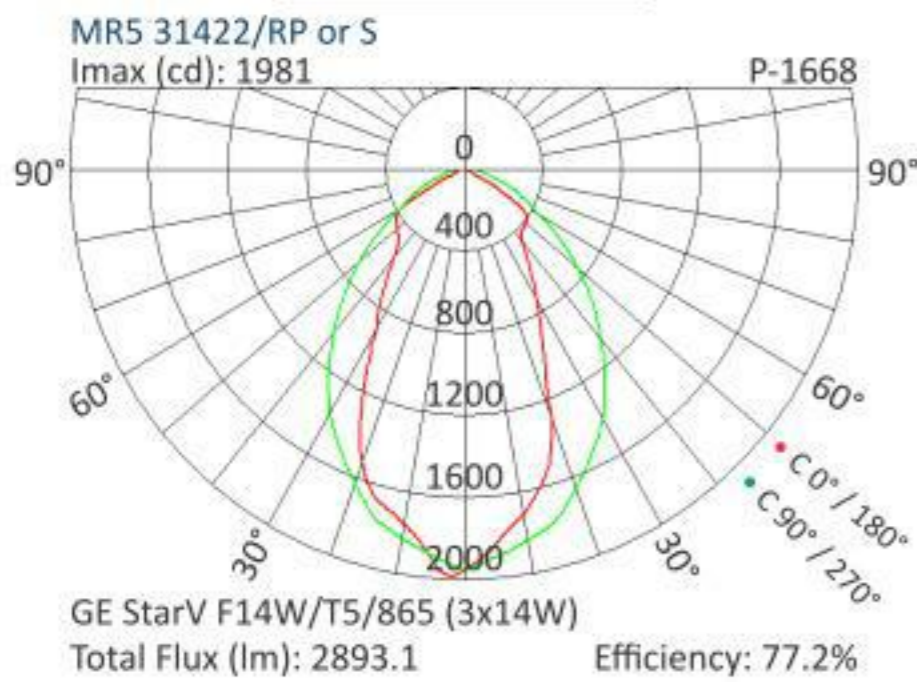
CLASS 1 IP 20

FOR RECESSED TEE BAR CEILING IMPERIAL SIZE & RECESSED PLASTER CEILING

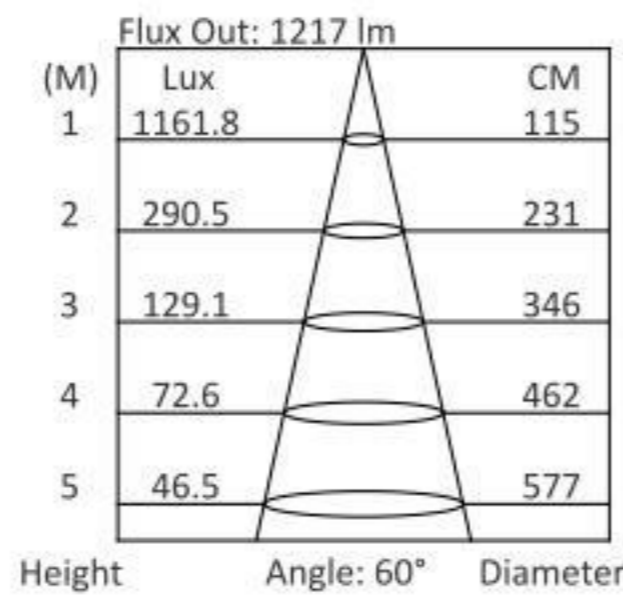


## SPECIFICATIONS

### LIGHT DISTRIBUTION



### AAI CURVES



- HOUSING IS FABRICATED FROM MILD STEEL
- FINISHED WITH POWDER ELECTROSTATICALLY
- STOVE-COATED WITH HIGH REFLECTIVITY WHITE EPOXY
- LAMPHOLDER OF POLYCARBONATE & BRONZE
- TWIST-LOCK LAMPHOLDER FOR RELIABLE CONTACT
- PRE-CONNECTED WITH 105°C HR PVC WIRE
- CONNECTING DEVICES OF NYLON 3 WAY X 2.5mm<sup>2</sup>
- COPPER, WEDGE ANCHOR FOR 2 x 2.5mm<sup>2</sup> EARTH WIRE
- ELECTRONIC BALLAST-A2 - INPUT 220-240vac / 50-60Hz
- REFLECTOR OF ANODIZED ALUMINIUM, HIGH REFLECTIVE
- RIBBED CROSS BLADE OF ANODIZED ALUMINIUM IN MATT

MODEL	TUBE (T5)	ELECTRONIC BALLAST	AMP. (A)	Power Factor (PF)	IMPERIAL APPROX.	DIMENSION (mm)					
						L1	L2	W1	W2	H1	H2
MR5 11412/RP	1 x 14W	1 x VS ELXc 135.856	0.079	0.912	1' x 2'	604	574	304	274	65	60
MR5 21422/RP	2 x 14W	1 x VS ELXc 235.857	0.157	0.956	2' x 2'	604	574	604	574	65	60
MR5 31422/RP	3 x 14W	1 x VS ELXc 414.868	0.209	0.971	2' x 2'	604	574	604	574	65	60
MR5 12814/RP	1 x 28W	1 x VS ELXc 135.856	0.138	0.970	1' x 4'	1214	1184	304	274	65	60
MR5 22824/RP	2 x 28W	1 x VS ELXc 235.857	0.275	0.985	2' x 4'	1214	1184	604	574	65	60
MR5 32824/RP	3 x 28W	1 x VS ELXc 135.856 1 x VS ELXc 235.857	0.417	0.981	2' x 4'	1214	1184	604	574	65	60

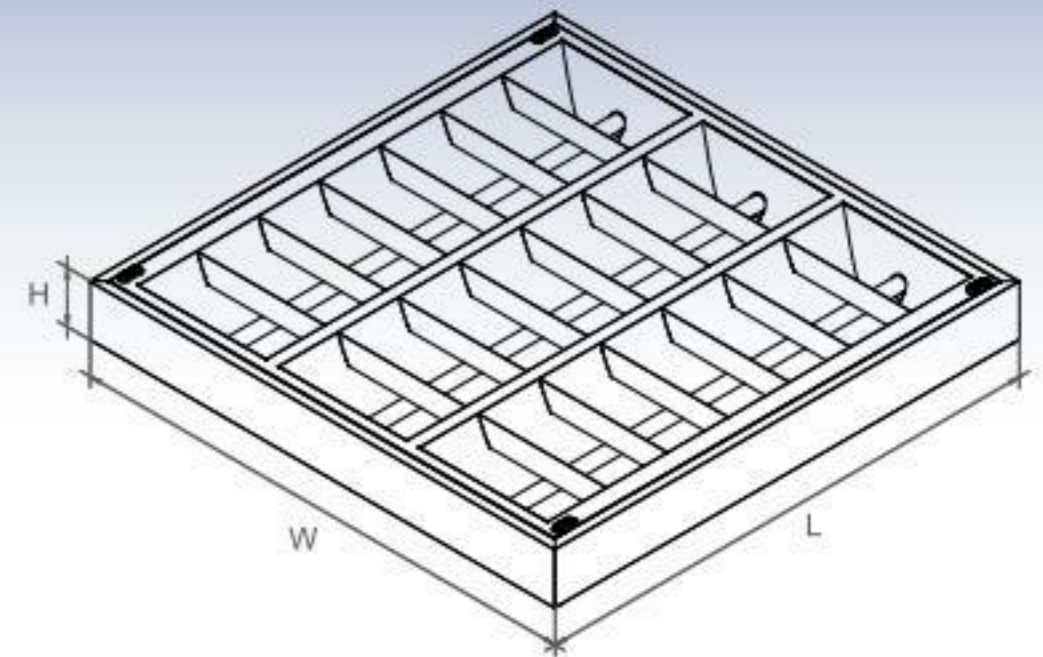
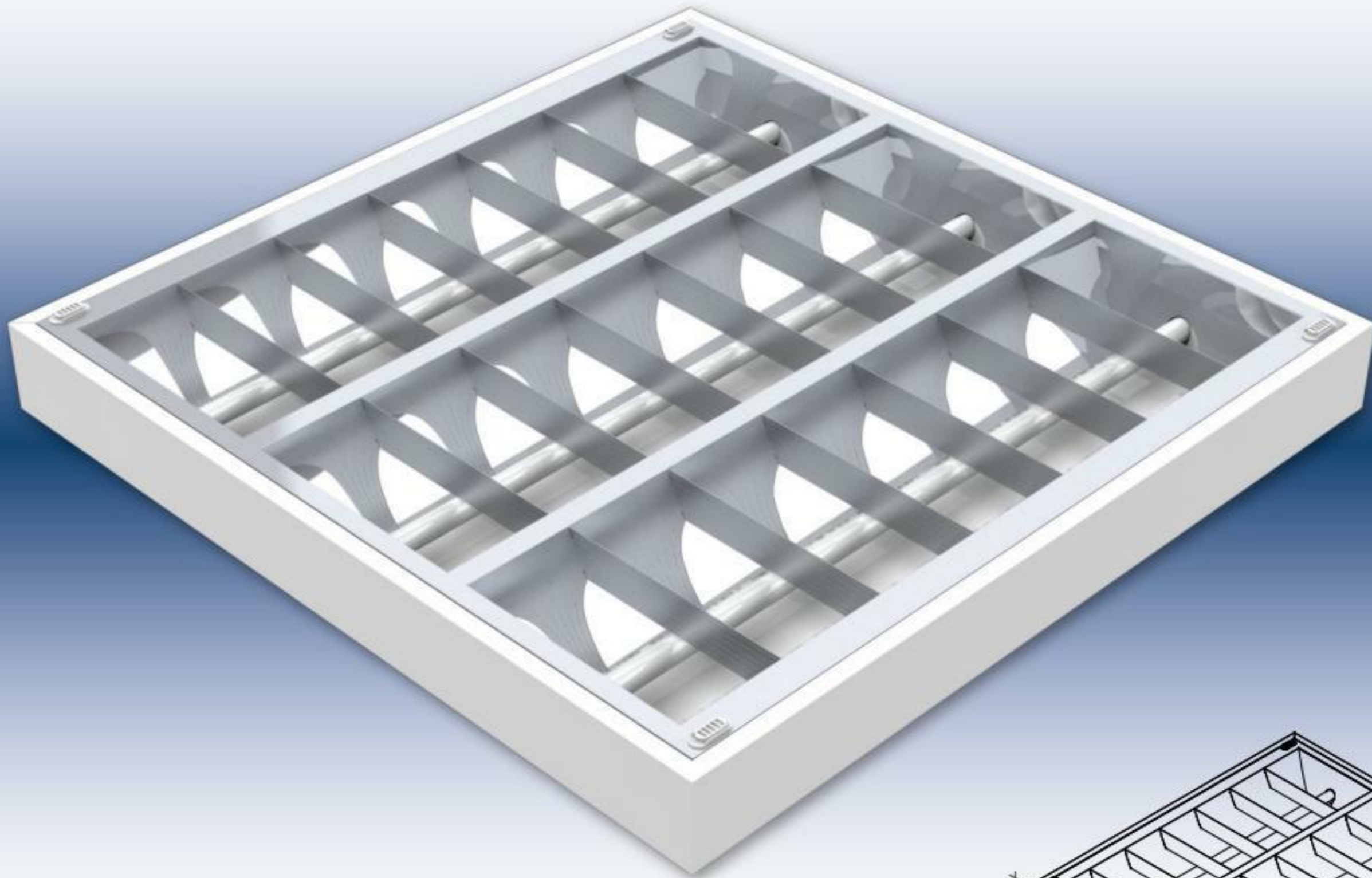




# T5 MIRROR REFLECTOR FITTING - type S

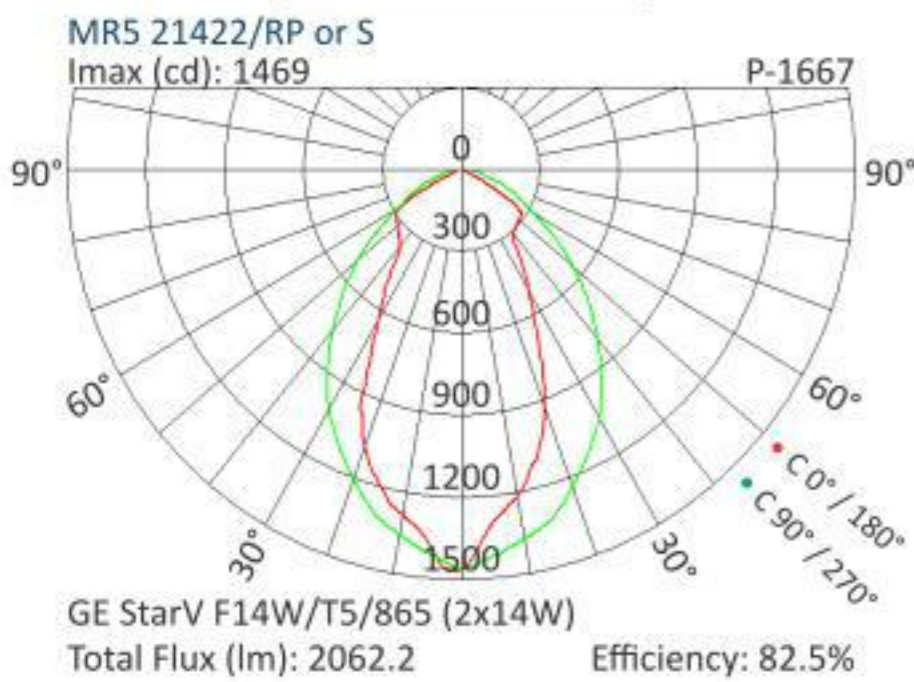
CLASS 1 IP 20

FOR RECESSED TEE BAR CEILING METRIC SIZE & SURFACE MOUNTING



## SPECIFICATIONS

### LIGHT DISTRIBUTION



### AAI CURVES

Flux Out: 875.0 lm

(M)	Lux	CM
1	835.6	115
2	208.9	231
3	92.8	346
4	52.2	462
5	33.4	577

Height Angle: 60° Diameter

- HOUSING IS FABRICATED FROM MILD STEEL
- FINISHED WITH POWDER ELECTROSTATICALLY
- STOVE-COATED WITH HIGH REFLECTIVITY WHITE EPOXY
- LAMPHOLDER OF POLYCARBONATE & BRONZE
- TWIST-LOCK LAMPHOLDER FOR RELIABLE CONTACT
- PRE-CONNECTED WITH 105°C HR PVC WIRE
- CONNECTING DEVICES OF NYLON 3 WAY X 2.5mm<sup>2</sup>
- COPPER, WEDGE ANCHOR FOR 2 x 2.5mm<sup>2</sup> EARTH WIRE
- ELECTRONIC BALLAST-A2 - INPUT 220-240vac / 50-60Hz
- REFLECTOR OF ANODIZED ALUMINIUM, HIGH REFLECTIVE
- RIBBED CROSS BLADE OF ANODIZED ALUMINIUM IN MATT

MODEL	TUBE (T5)	ELECTRONIC BALLAST	AMP. (A)	Power Factor (PF)	IMPERIAL APPROX.	DIMENSION (mm)		
						L	W	H
MR5 11412/S	1 x 14W	1 x VS ELXc 135.856	0.079	0.912	1' x 2'	595	295	65
MR5 21422/S	2 x 14W	1 x VS ELXc 235.857	0.157	0.956	2' x 2'	595	595	65
MR5 31422/S	3 x 14W	1 x VS ELXc 414.868	0.209	0.971	2' x 2'	595	595	65
MR5 12814/S	1 x 28W	1 x VS ELXc 135.856	0.138	0.970	1' x 4'	1195	295	65
MR5 22824/S	2 x 28W	1 x VS ELXc 235.857	0.275	0.985	2' x 4'	1195	595	65
MR5 32824/S	3 x 28W	1 x VS ELXc 135.856 1 x VS ELXc 235.857	0.417	0.981	2' x 4'	1195	595	65

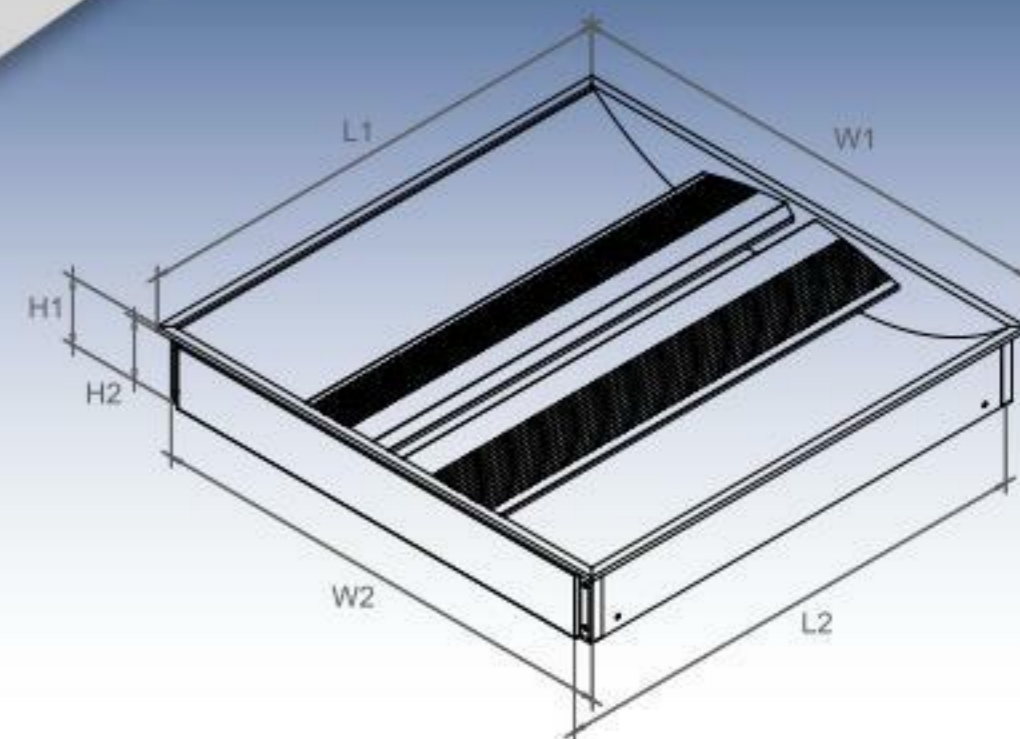
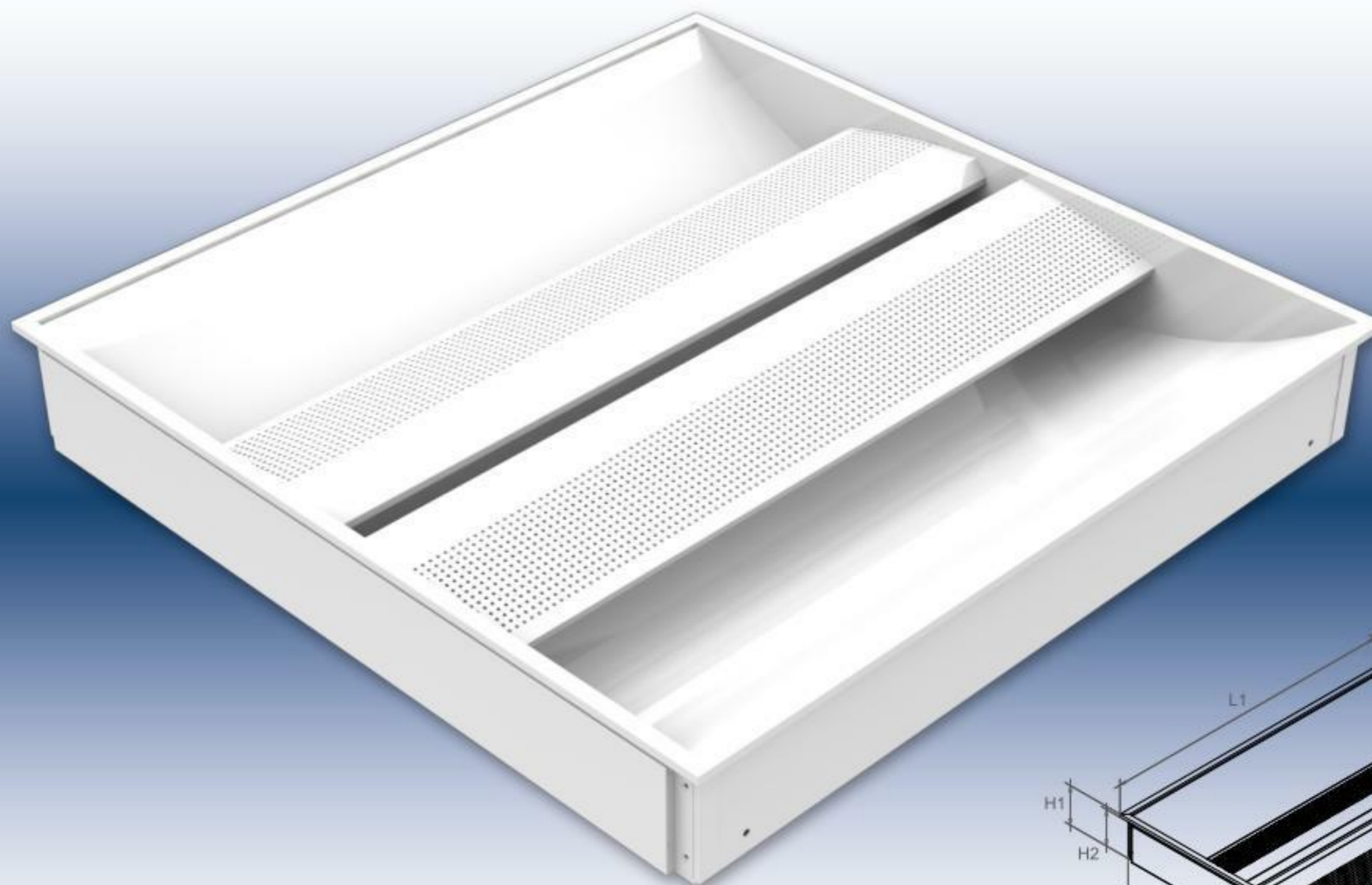




# T5 INDIRECT LIGHT FITTING - type M

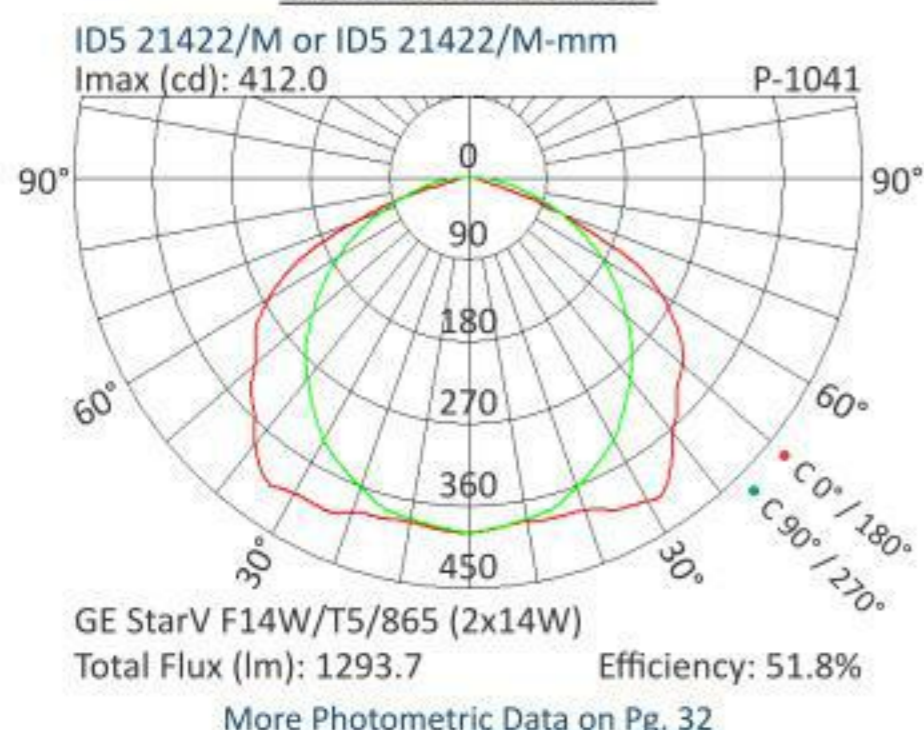
CLASS 1 IP 20

FOR RECESSED TEE BAR CEILING IMPERIAL / METRIC SIZE & RECESSED PLASTER CEILING



## SPECIFICATIONS

### LIGHT DISTRIBUTION



### AAI CURVES

Flux Out: 313.2 lm

(M)	Lux	CM
1	299.2	115
2	74.8	231
3	33.2	346
4	18.7	462
5	12.0	577

Height Angle: 60° Diameter

- HOUSING IS FABRICATED FROM MILD STEEL
- FINISHED WITH POWDER ELECTROSTATICALLY
- STOVE-COATED WITH HIGH REFLECTIVITY WHITE EPOXY
- LAMPHOLDER OF POLYCARBONATE & BRONZE
- TWIST-LOCK LAMPHOLDER FOR RELIABLE CONTACT
- PRE-CONNECTED WITH 105°C HR PVC WIRE
- CONNECTING DEVICES OF NYLON 3 WAY X 2.5mm<sup>2</sup>
- COPPER, WEDGE ANCHOR FOR 2 x 2.5mm<sup>2</sup> EARTH WIRE
- ELECTRONIC BALLAST-A2 - INPUT 220-240vac / 50-60Hz
- DIFFUSER OF PERFORATED MILD STEEL IN WHITE EPOXY
- MAGNETIC CATCH FOR OPEN / CLOSE DIFFUSER

MODEL	TUBE (T5)	ELECTRONIC BALLAST	AMP. (A)	Power Factor (PF)	IMPERIAL APPROX.	DIMENSION (mm)						
						L1	L2	W1	W2	H1	H2	
<b>IMPERIAL TYPE</b>												
ID5 21422/M	2 x 14W	1 x VS ELXc 235.857	0.157	0.956	2' x 2'	604	584	604	584	115	110	
ID5 41422/M	4 x 14W	1 x VS ELXc 414.868	0.270	0.984	2' x 2'	604	584	604	584	115	110	
ID5 22824/M	2 x 28W	1 x VS ELXc 235.857	0.275	0.986	2' x 4'	1210	1190	604	584	115	110	
ID5 42824/M	4 x 28W	2 x VS ELXc 235.857	0.544	0.985	2' x 4'	1210	1190	604	584	115	110	
<b>METRIC TYPE</b>												
ID5 21422/M-mm	2 x 14W	1 x VS ELXc 235.857	0.157	0.956	2' x 2'	595	575	595	575	115	110	
ID5 41422/M-mm	4 x 14W	1 x VS ELXc 414.868	0.270	0.984	2' x 2'	595	575	595	575	115	110	
ID5 22824/M-mm	2 x 28W	1 x VS ELXc 235.857	0.275	0.986	2' x 4'	1195	1175	595	575	115	110	
ID5 42824/M-mm	4 x 28W	2 x VS ELXc 235.857	0.544	0.985	2' x 4'	1195	1175	595	575	115	110	

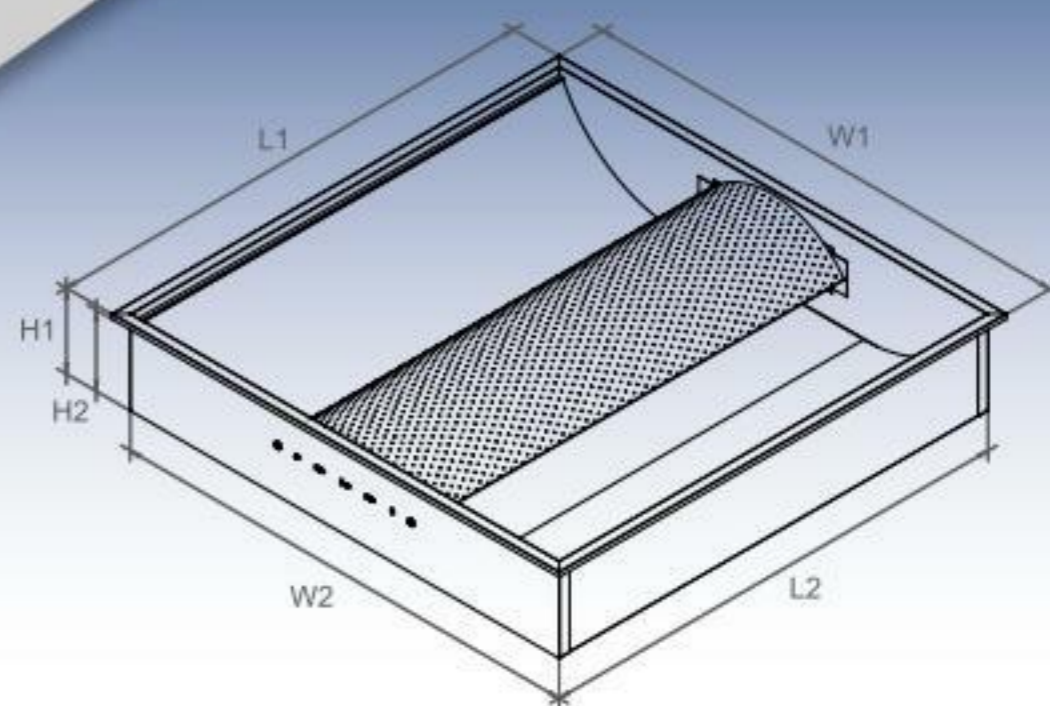
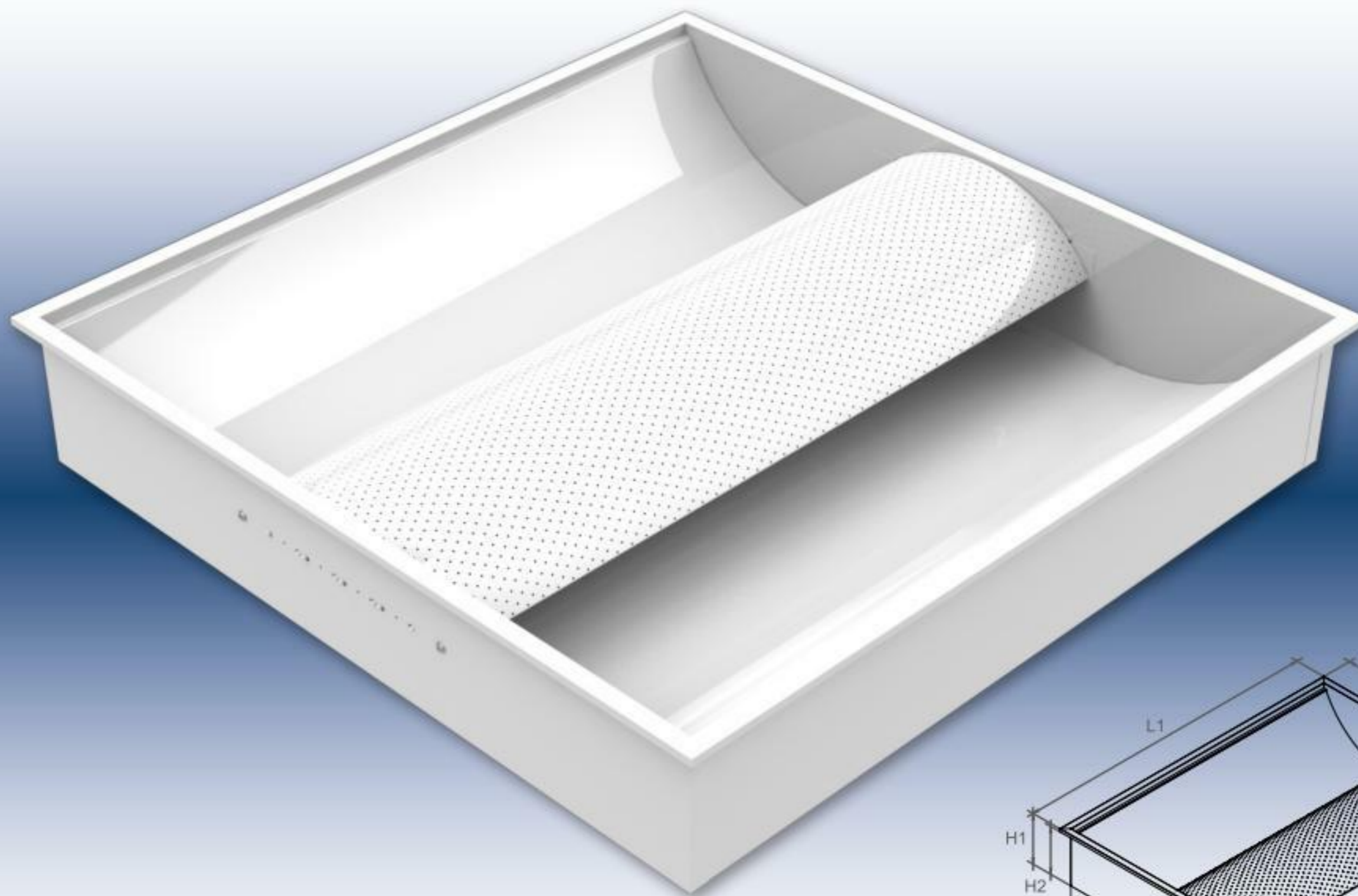




# T5 INDIRECT LIGHT FITTING - type A

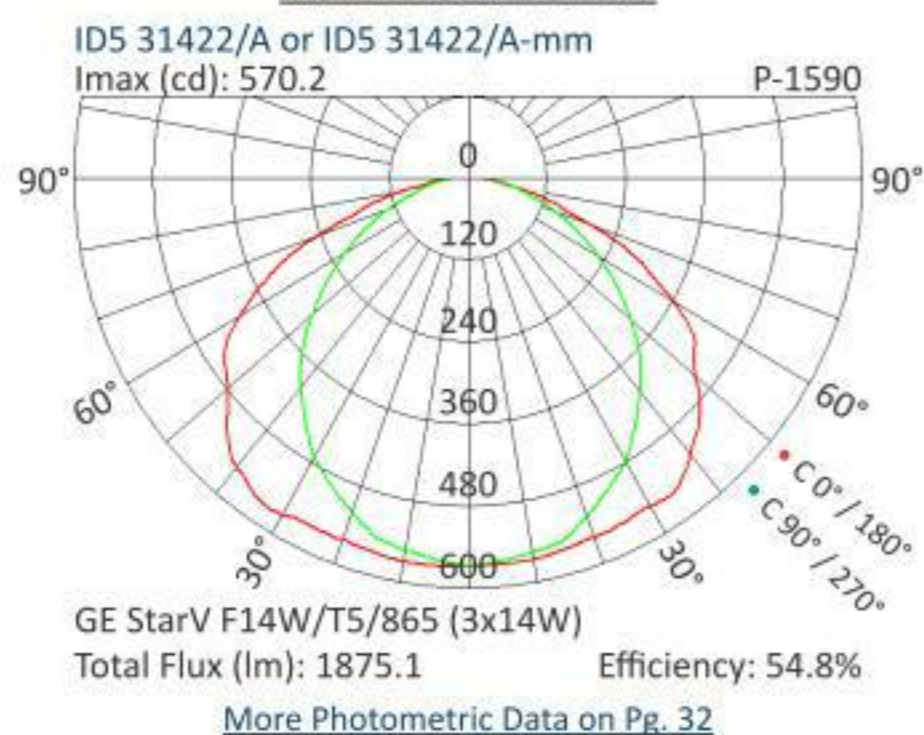
CLASS 1 IP 20

FOR RECESSED TEE BAR CEILING IMPERIAL / METRIC SIZE & RECESSED PLASTER CEILING



## SPECIFICATIONS

### LIGHT DISTRIBUTION



### AAI CURVES

Flux Out: 453.8 lm

(M)	Lux	CM
1	433.4	115
2	108.3	231
3	48.2	346
4	27.1	462
5	17.3	577

Height Angle: 60° Diameter

- HOUSING IS FABRICATED FROM MILD STEEL
- FINISHED WITH POWDER ELECTROSTATICALLY
- STOVE-COATED WITH HIGH REFLECTIVITY WHITE EPOXY
- LAMPHOLDER OF POLYCARBONATE & BRONZE
- TWIST-LOCK LAMPHOLDER FOR RELIABLE CONTACT
- PRE-CONNECTED WITH 105°C HR PVC WIRE
- CONNECTING DEVICES OF NYLON 3 WAY X 2.5mm<sup>2</sup>
- COPPER, WEDGE ANCHOR FOR 2 x 2.5mm<sup>2</sup> EARTH WIRE
- ELECTRONIC BALLAST-A2 - INPUT 220-240vac / 50-60Hz
- DIFFUSER OF PERFORATED MILD STEEL IN WHITE EPOXY

MODEL	TUBE (T5)	ELECTRONIC BALLAST	AMP. (A)	Power Factor (PF)	IMPERIAL APPROX.	DIMENSION (mm)						
						L1	L2	W1	W2	H1	H2	
<b>IMPERIAL TYPE</b>												
ID5 21422/A	2 x 14W	1 x VS ELXc 235.857	0.157	0.956	2' x 2'	604	584	604	584	115	110	
ID5 31422/A	3 x 14W	1 x VS ELXc 414.868	0.209	0.971	2' x 2'	604	584	604	584	115	110	
ID5 22824/A	2 x 28W	1 x VS ELXc 235.857	0.275	0.985	2' x 4'	1210	1190	604	584	115	110	
ID5 32824/A	3 x 28W	1 x VS ELXc 135.856 1 x VS ELXc 235.857	0.417	0.981	2' x 4'	1210	1190	604	584	115	110	
<b>METRIC TYPE</b>												
ID5 21422/A-mm	2 x 14W	1 x VS ELXc 235.857	0.157	0.956	2' x 2'	595	575	595	575	115	110	
ID5 31422/A-mm	3 x 14W	1 x VS ELXc 414.868	0.209	0.971	2' x 2'	595	575	595	575	115	110	
ID5 22824/A-mm	2 x 28W	1 x VS ELXc 235.857	0.275	0.985	2' x 4'	1195	1175	595	575	115	110	
ID5 32824/A-mm	3 x 28W	2 x VS ELXc 135.856 1 x VS ELXc 235.857	0.417	0.981	2' x 4'	1195	1175	595	575	115	110	

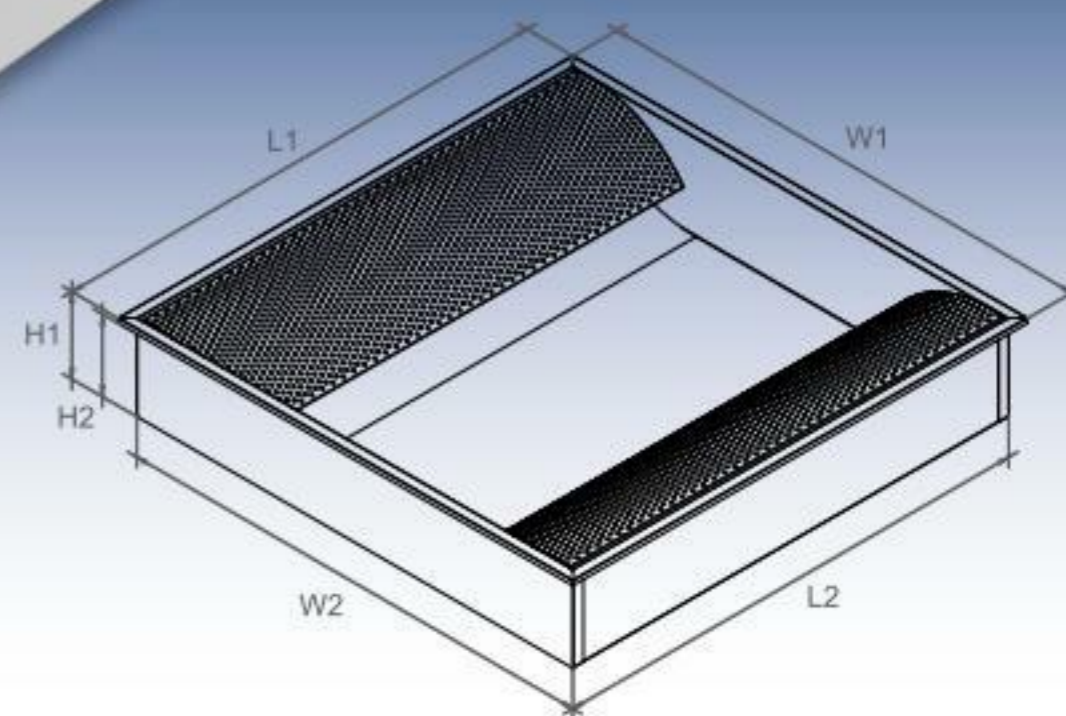
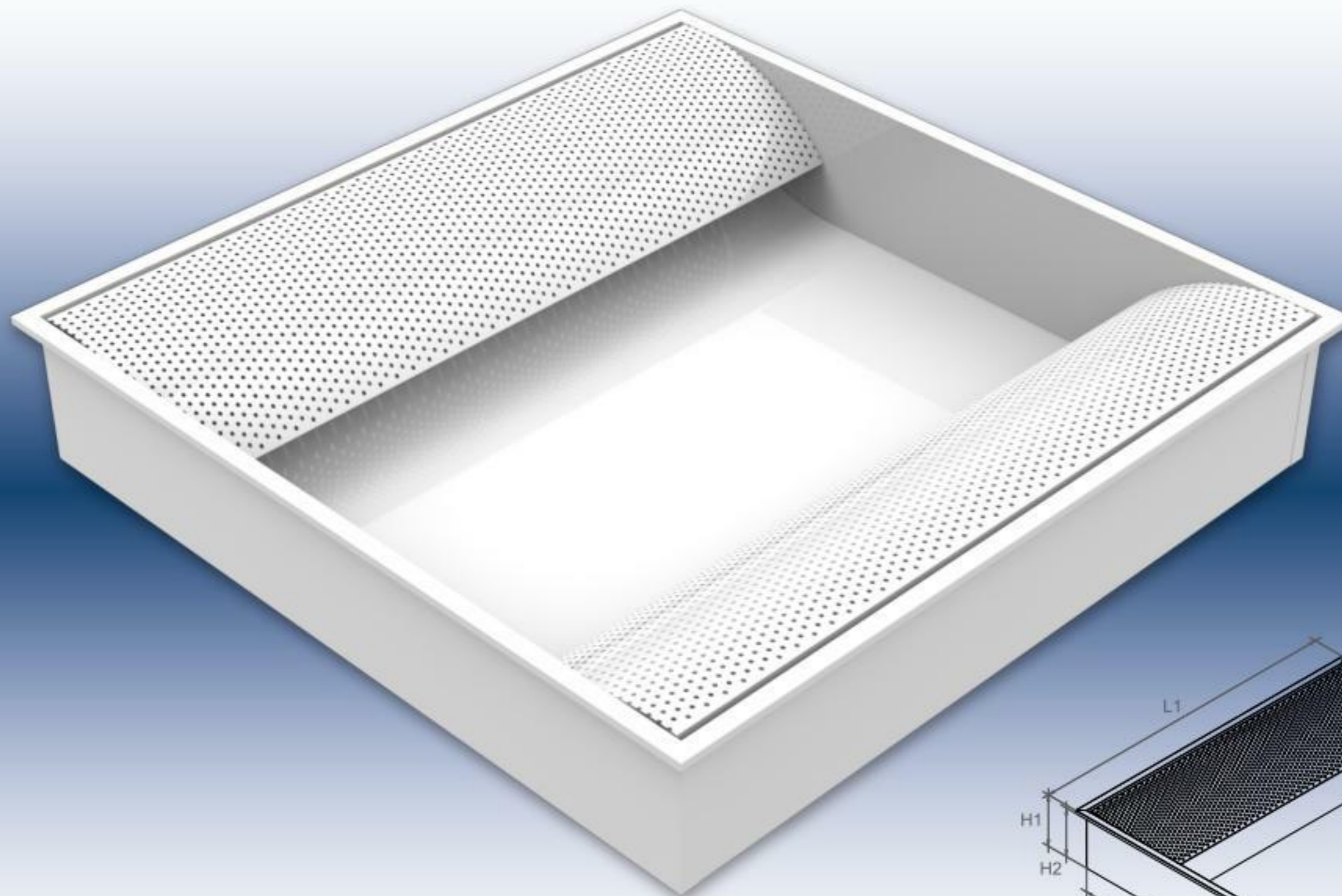




# T5 INDIRECT LIGHT FITTING - type V

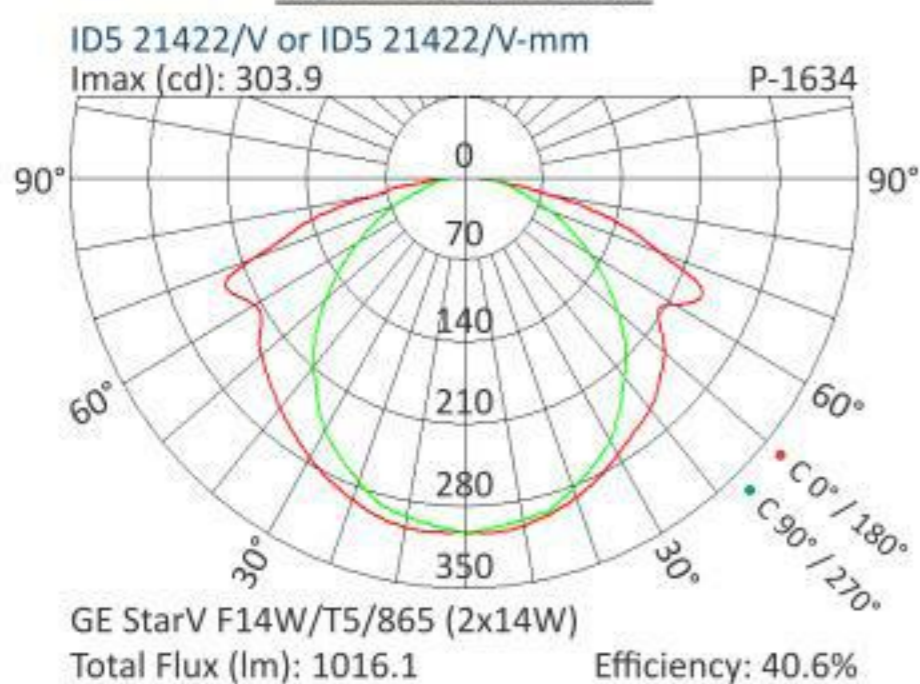
CLASS 1 IP 20

FOR RECESSED TEE BAR CEILING IMPERIAL / METRIC SIZE & RECESSED PLASTER CEILING

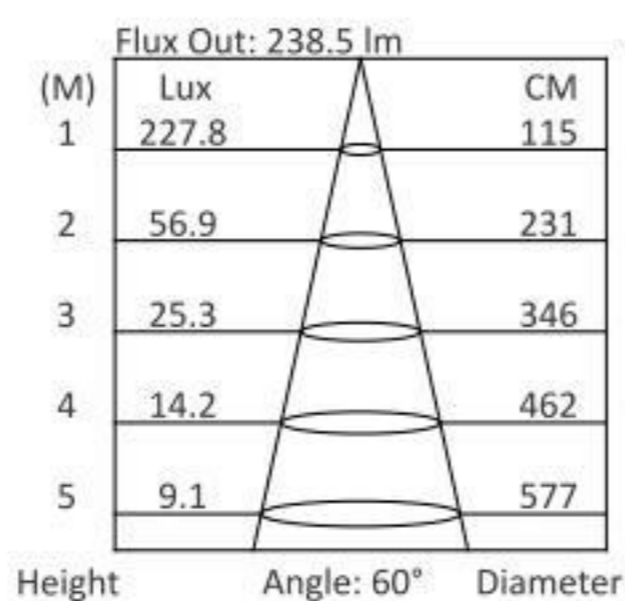


## SPECIFICATIONS

### LIGHT DISTRIBUTION



### AAI CURVES



- HOUSING IS FABRICATED FROM MILD STEEL
- FINISHED WITH POWDER ELECTROSTATICALLY
- STOVE-COATED WITH HIGH REFLECTIVITY WHITE EPOXY
- LAMPHOLDER OF POLYCARBONATE & BRONZE
- TWIST-LOCK LAMPHOLDER FOR RELIABLE CONTACT
- PRE-CONNECTED WITH 105°C HR PVC WIRE
- CONNECTING DEVICES OF NYLON 3 WAY X 2.5mm<sup>2</sup>
- COPPER, WEDGE ANCHOR FOR 2 x 2.5mm<sup>2</sup> EARTH WIRE
- ELECTRONIC BALLAST-A2 - INPUT 220-240vac / 50-60Hz
- DIFFUSER OF PERFORATED MILD STEEL IN WHITE EPOXY

MODEL	TUBE (T5)	ELECTRONIC BALLAST	AMP. (A)	Power Factor (PF)	IMPERIAL APPROX.	DIMENSION (mm)						
						L1	L2	W1	W2	H1	H2	
<b>IMPERIAL TYPE</b>												
ID5 21422/V	2 x 14W	1 x VS ELXc 235.857	0.157	0.956	2' x 2'	604	584	604	584	115	110	
ID5 41422/V	4 x 14W	1 x VS ELXc 414.868	0.270	0.984	2' x 2'	604	584	604	584	115	110	
ID5 22824/V	2 x 28W	1 x VS ELXc 235.857	0.275	0.986	2' x 4'	1210	1190	604	584	115	110	
ID5 42824/V	4 x 28W	2 x VS ELXc 235.857	0.544	0.985	2' x 4'	1210	1190	604	584	115	110	
<b>METRIC TYPE</b>												
ID5 21422/V-mm	2 x 14W	1 x VS ELXc 235.857	0.157	0.956	2' x 2'	595	575	595	575	115	110	
ID5 41422/V-mm	4 x 14W	1 x VS ELXc 414.868	0.270	0.984	2' x 2'	595	575	595	575	115	110	
ID5 22824/V-mm	2 x 28W	1 x VS ELXc 235.857	0.275	0.986	2' x 4'	1195	1175	595	575	115	110	
ID5 42824/V-mm	4 x 28W	2 x VS ELXc 235.857	0.544	0.985	2' x 4'	1195	1175	595	575	115	110	

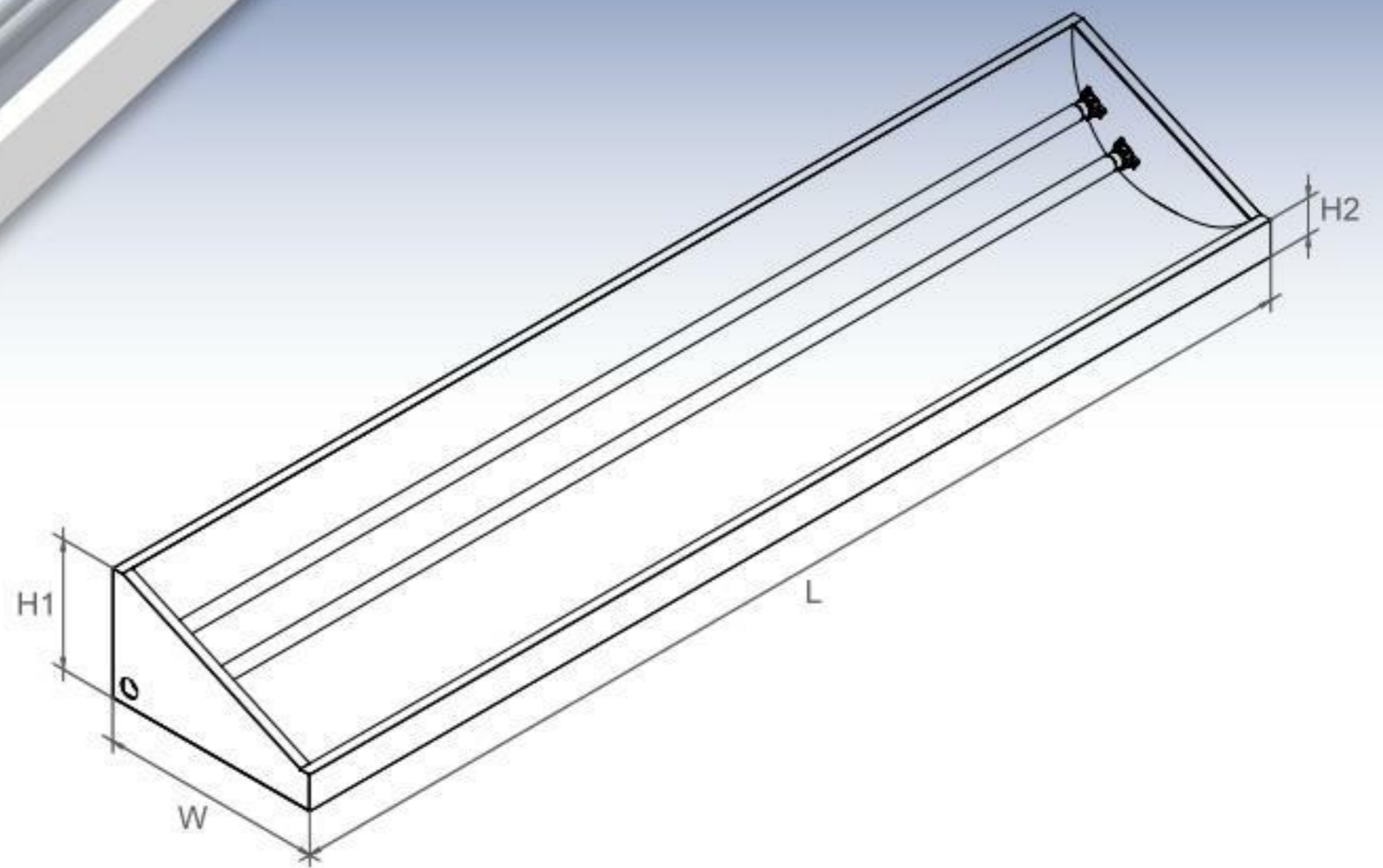




# T5 WALL WASHER FITTING

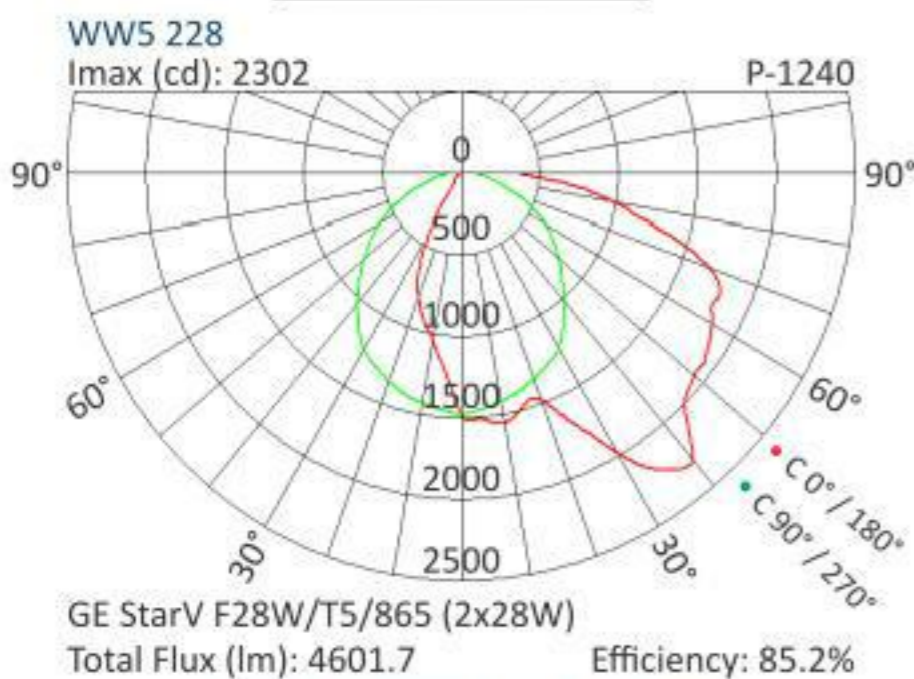
CLASS 1 IP 20

FOR SURFACE MOUNTING



## SPECIFICATIONS

### LIGHT DISTRIBUTION



### AAI CURVES

Flux Out: 1009 lm

(M)	Lux	CM
1	963.3	115
2	240.8	231
3	107.0	346
4	60.2	461
5	38.5	577

Height Angle: 60° Diameter

- HOUSING IS FABRICATED FROM MILD STEEL
- FINISHED WITH POWDER ELECTROSTATICALLY
- STOVE-COATED WITH HIGH REFLECTIVITY WHITE EPOXY
- LAMPHOLDER OF POLYCARBONATE & BRONZE
- TWIST-LOCK LAMPHOLDER FOR RELIABLE CONTACT
- PRE-CONNECTED WITH 105°C HR PVC WIRE
- CONNECTING DEVICES OF NYLON 3 WAY X 2.5mm<sup>2</sup>
- COPPER, WEDGE ANCHOR FOR 2 x 2.5mm<sup>2</sup> EARTH WIRE
- ELECTRONIC BALLAST-A2 - INPUT 220-240vac / 50-60Hz
- REFLECTOR OF ANODIZED ALUMINIUM, HIGH REFLECTIVE

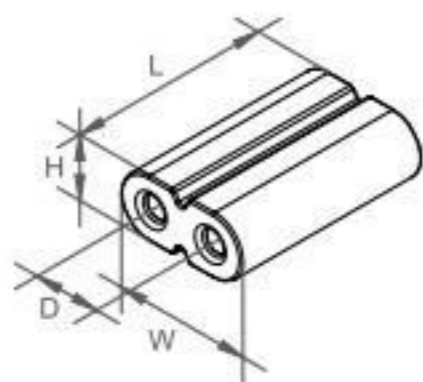
MODEL	TUBE (T5)	ELECTRONIC BALLAST	AMP. (A)	Power Factor (PF)	IMPERIAL APPROX.	DIMENSION (mm)		
						L	W	H
WW5 128	1 x 28W	1 x VS ELXc 135.856	0.138	0.971	-	1195	245	140
WW5 228	2 x 28W	1 x VS ELXc 235.857	0.275	0.985	-	1195	245	140





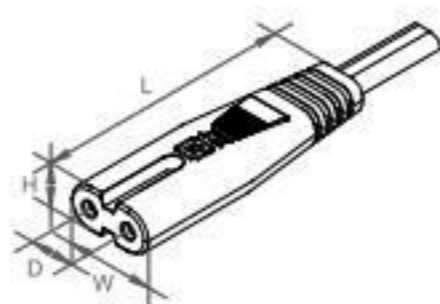
# ACCESSORIES & ATTACHMENTS

## LINK ADAPTOR



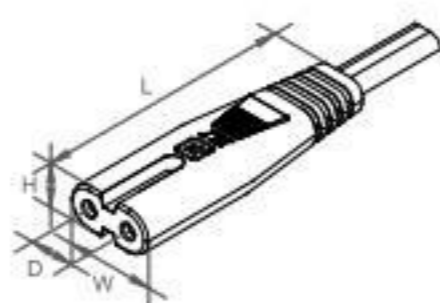
LINK ADAPTOR				
DIMENSION (mm)				SPECIFICATIONS
D	L	W	H	MATERIAL : PC & Bronze RATING : 8W ~ 35W / 240V / 2.5A
8	24.5	16.3	7.6	

## LINK CABLE



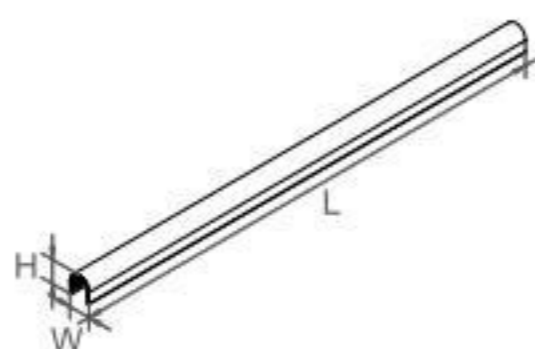
LINK CABLE				
DIMENSION (mm)				SPECIFICATIONS
D	L	W	H	MATERIAL : PC & Bronze RATING : 8W ~ 35W / 240V / 2.5A OVERALL LENGTH : 300mm, 450mm, 600mm, 700mm, 1,000mm , 1,500mm
8	24.5	15.7	7.7	

## POWER CORD



POWER CORD				
DIMENSION (mm)				SPECIFICATIONS
D	L	W	H	MATERIAL : PC & Bronze RATING : 8W ~ 35W / 240V / 2.5A OVERALL LENGTH : 150mm
8	24.5	15.7	7.7	

## DAIKON DIFFUSER - LINEAR



DAIKON DIFFUSER			
DIMENSION (mm)		SPECIFICATIONS	
W	H	MATERIAL : PMMA FACET : LINEAR LENGTH : 250mm, 550mm, 850mm, 1150mm	
22	24		

## T5 BATTEN FITTING - RELECTOR



T5 BATTEN FITTING - REFLECTOR			
MILD STEEL REFLECTOR	AL. MIRROR REFLECTOR	FOR FITTING	LENGTH
MER 114	MIR 114	YB5 114	2'
MER 214	MIR 214	YB5 214	2'
MER 128	MIR 128	YB5 128	4'
MER 228	MIR 228	YB5 228	4'





# COMPARISON

## POWER CONSUMPTION

MODEL	GE StarV - F14W/865 T5 StarV/SL30			GE StarV - F28W/865 T5 StarV/SL30		TOSHIBA - FL18W/T8/D		TOSHIBA - FL36W/T8/D	
	1	2	4	1	2	1	2	1	2
No. of Lamp	1	2	4	1	2	1	2	1	2
Electronic Ballast (T5)	1 x VS ELXc 135.856	1 x VS ELXc 235.857	1 x VS ELXc 414.868	1 x VS ELXc 135.856	1 x VS ELXc 235.857	-		-	
Magnetic Ballast (T8)	-			-		1 x Vitalite ELL620	2 x Vitalite ELL620	1 x Vitalite SLL570	2 x Vitalite SLL570
Initial Lumens (lm)	1,350			2,700		1,090		2,690	
CRI (Ra)	82			82		70		70	
Avg. Lifespan (Hrs)	20,000			20,000		20,000		20,000	
Power Factor (PF)	> 0.90	> 0.95		> 0.95		> 0.90		> 0.90	
Power (W)	17.5W	35.5W	63.5W	32W	63.5W	24W	48W	42W	83.5W
Current (A)	0.079	0.157	0.272	0.138	0.275	0.113	0.227	0.181	0.362
Estimated Daily Energy Cost (@8Hr/Day)	RM0.06	RM0.11	RM0.20	RM0.10	RM0.20	RM0.08	RM0.15	RM0.13	RM0.27
Estimated Yearly Energy Cost (Year)	RM20.29	RM41.15	RM73.61	RM37.10	RM73.61	RM27.82	RM55.64	RM48.69	RM96.80

Base on 8 hrs/day, 39.7¢/kWh Cost depends on rate and use.

Test system setup: Power240V ; Magnetic Ballast - Vitalite ELL620 Low Loss 6W & SLL570 Low Loss 6W.

## LAMP INTRODUCTION ON T5

### GE STARV T5 & GE STARCOAT™ T5 HIGH EFFICIENCY & HIGH OUTPUT LAMP SPECIFICATIONS

#### GE T5 StarV Linear Fluorescent Lamp (ø16mm - 5/8")

Wattage (W)	Length (mm)	Lamp Discription	CCT (K)	CRI (Ra)	Rated Average Life 3-Hr Cycle	Rated Average Life 12-Hr Cycle	Initial Lumens at 35°C (lm)	Initial Lumens at 25°C (lm)
14	549	F14W/830, 840 T5/StarV/SL30	3,000K, 4,000K	82	17,000	20,000	1,350	1,230
		F14W/865 T5/StarV/SL30	6,500K	82	17,000	20,000	1,250	1,140
21	849	F21W/830, 840 T5/StarV/SL30	3,000K, 4,000K	82	17,000	20,000	2,100	1,910
		F21W/865 T5/StarV/SL30	6,500K	82	17,000	20,000	1,950	1,770
28	1149	F28W/830, 840 T5/StarV/SL30	3,000K, 4,000K	82	17,000	20,000	2,900	2,640
		F28W/865 T5/StarV/SL30	6,500K	82	17,000	20,000	2,700	2,450

#### GE Starcoat™ T5 High Output (ø16mm - 5/8")

24	549	F24W/T5/827, 830, 835, 840	2,700K, 3,000K, 3,500K, 4,000K	85	30,000	36,000	2,000	1,750
		F24W/T5/865	6,500K	85	30,000	36,000	1,900	1,600
54	1149	F54W/T5/827, 830, 835, 840	2,700K, 3,000K, 3,500K, 4,000K	85	30,000	36,000	5,000	4,460
		F54W/T5/865	6,500K	85	30,000	36,000	4,750	4,100

#### GE Starcoat™ T5 High Efficiency (ø16mm - 5/8")

35	1449	F35W/T5/827, 830, 835, 840	2,700K, 3,000K, 3,500K, 4,000K	85	30,000	36,000	3,650	3,320
		F35W/T5/865	6,500K	85	30,000	36,000	3,400	3,090





# PHOTOMETRIC DATA

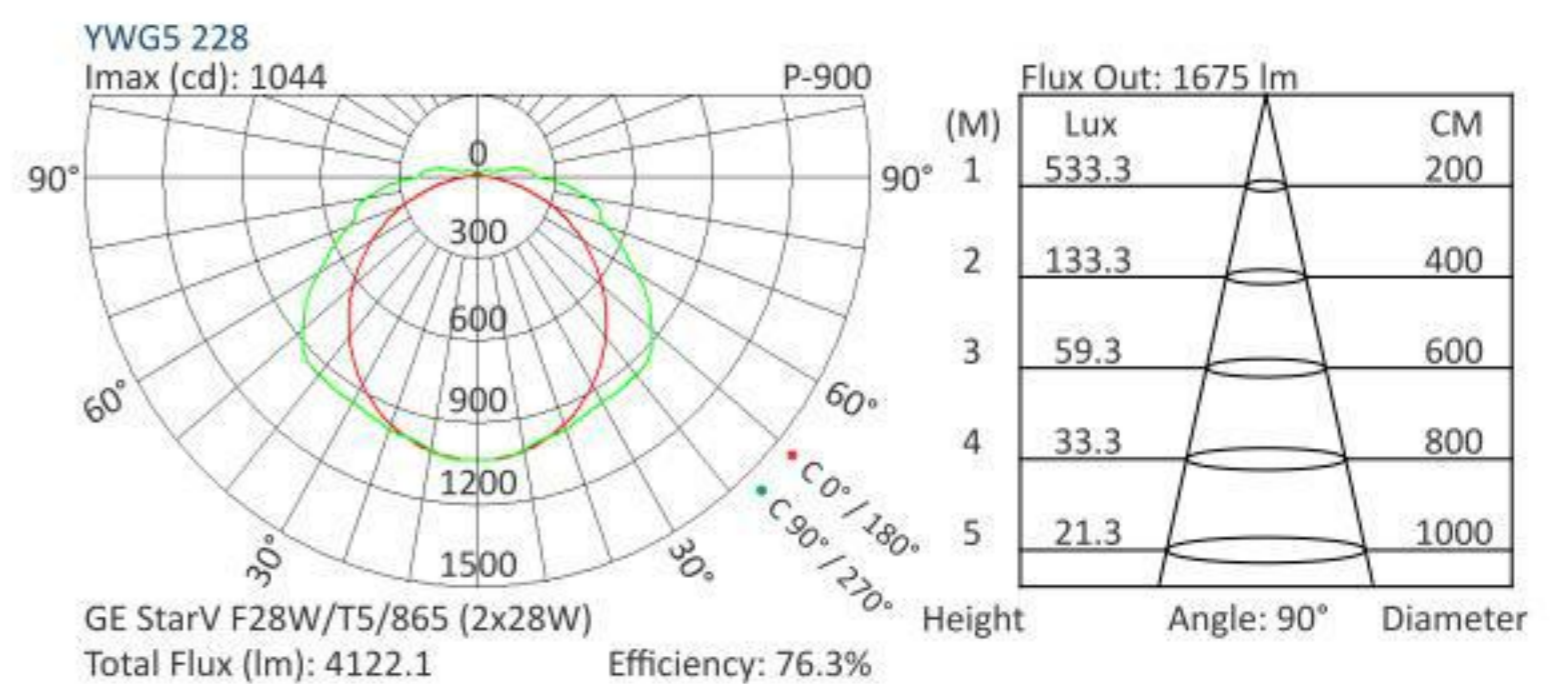
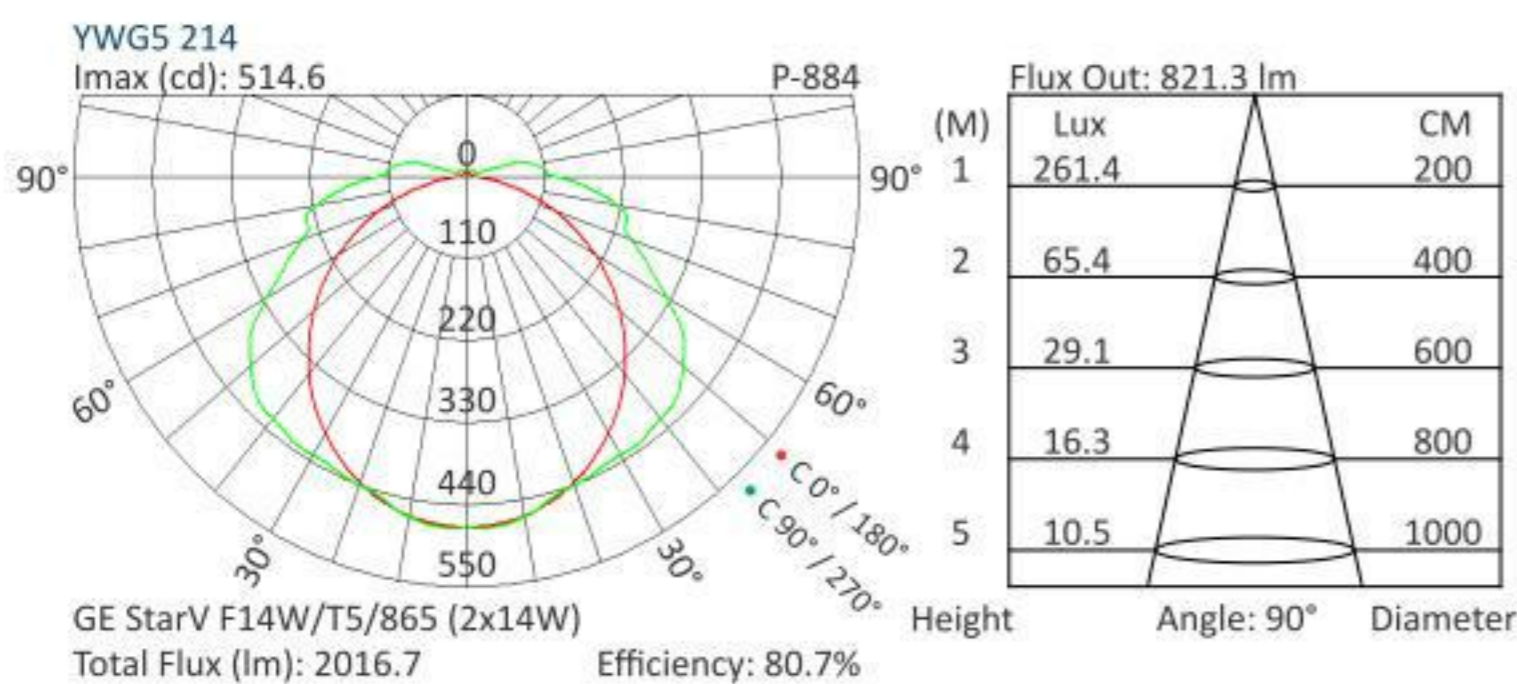
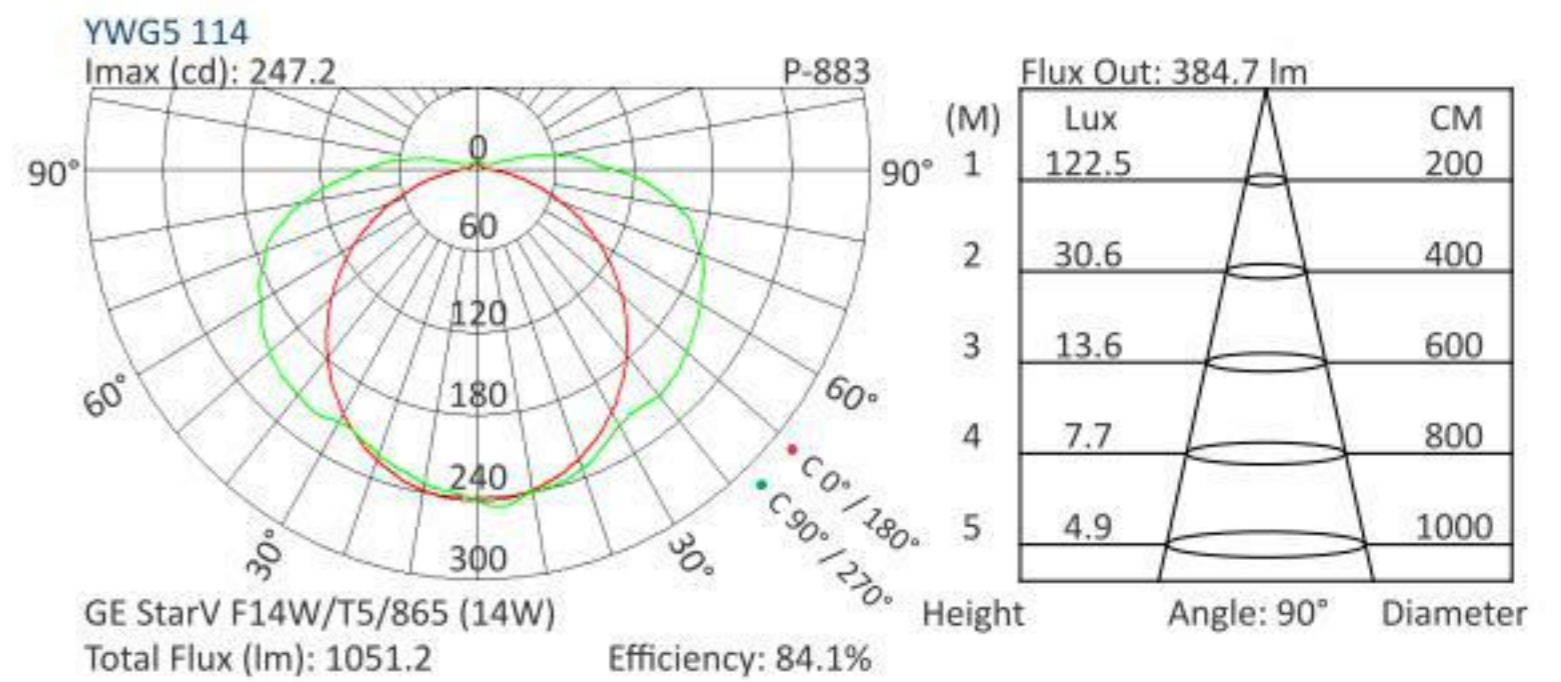
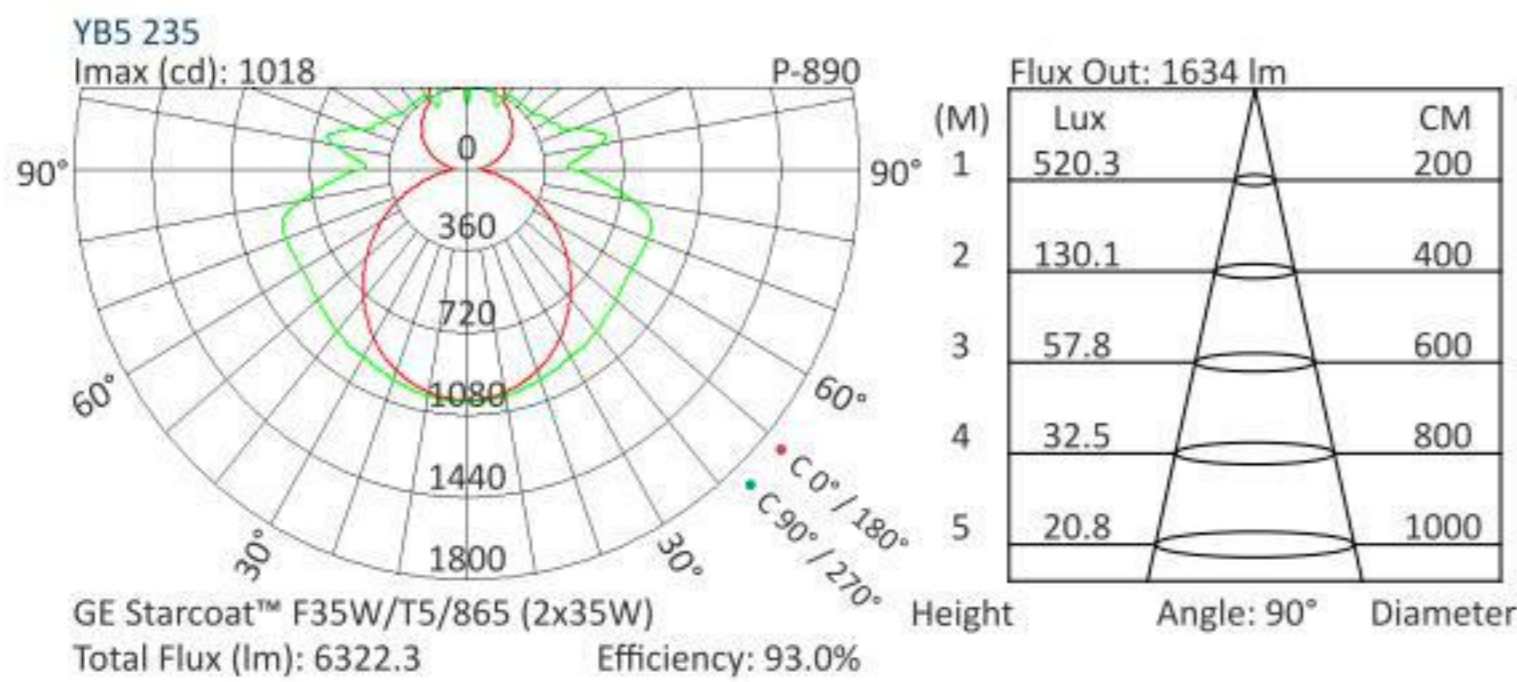
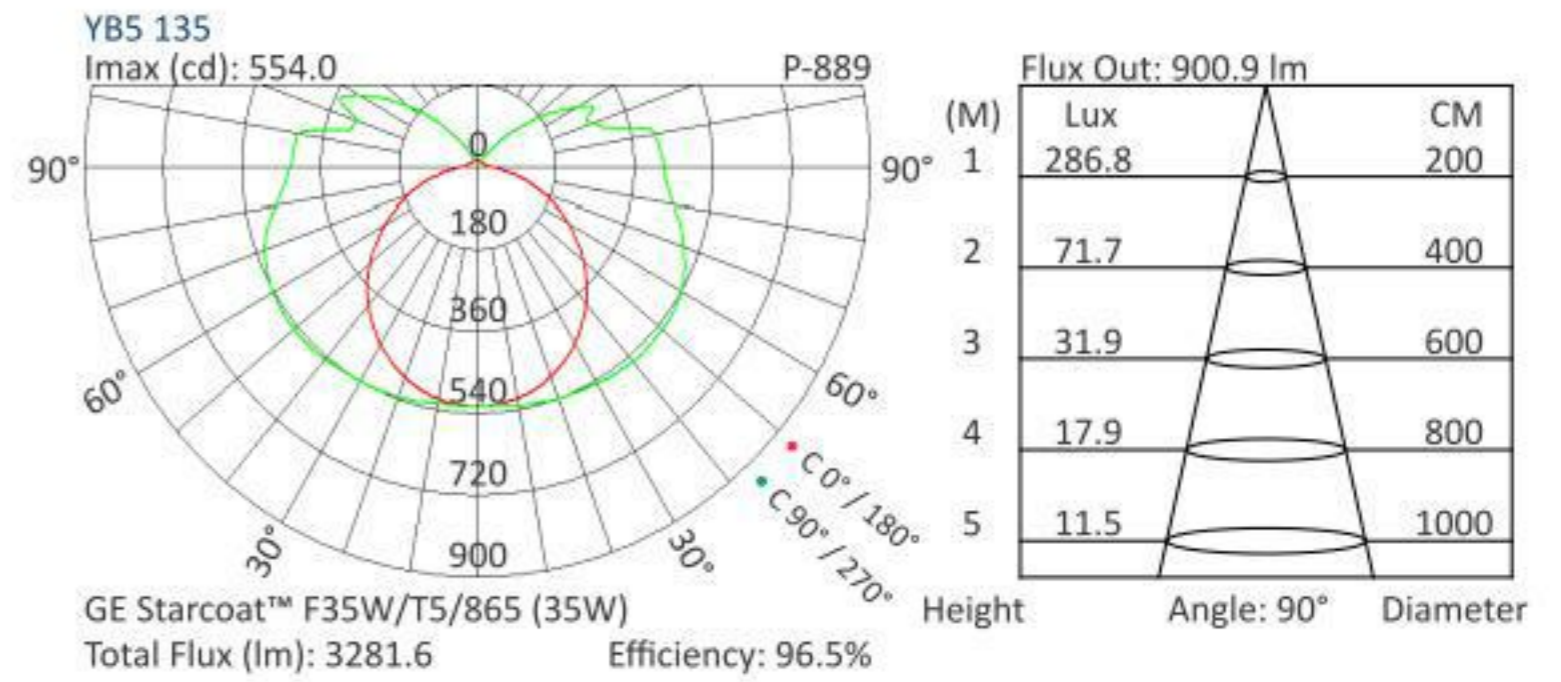
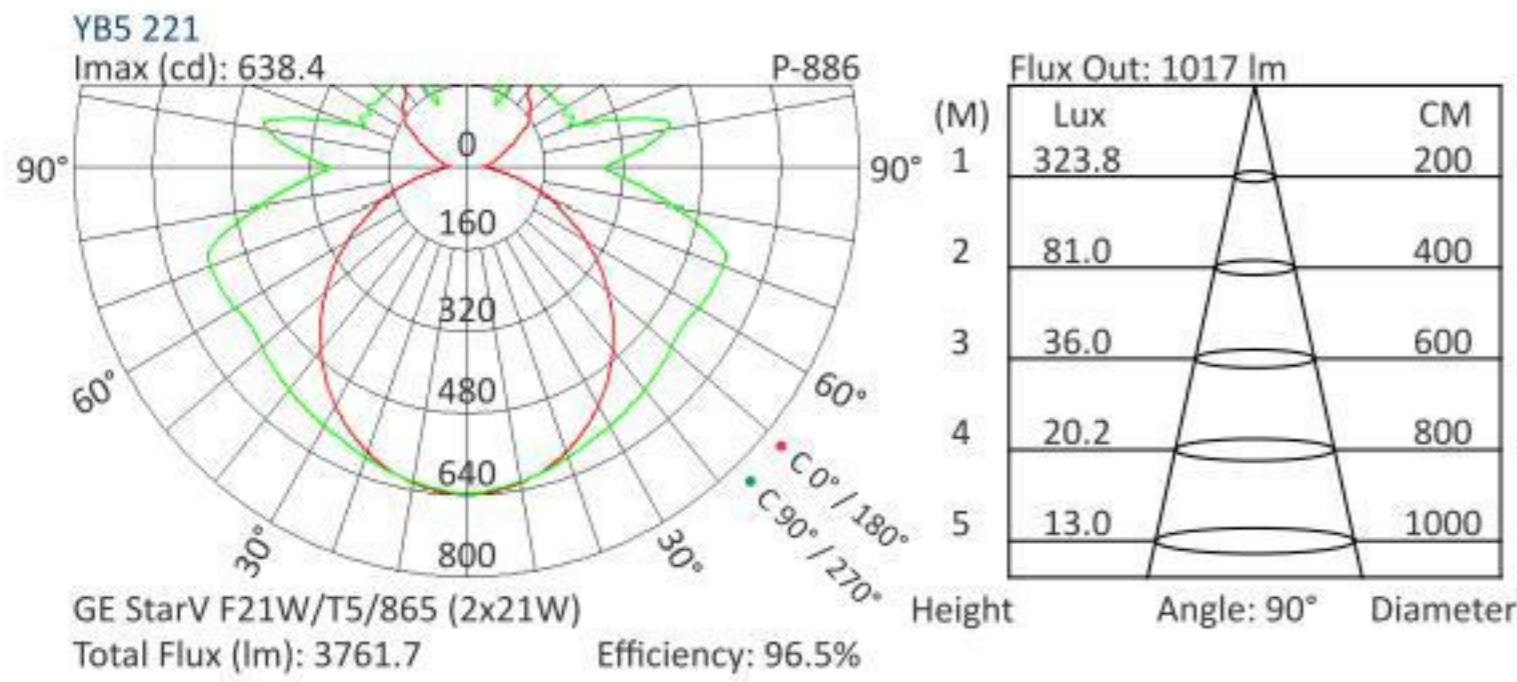
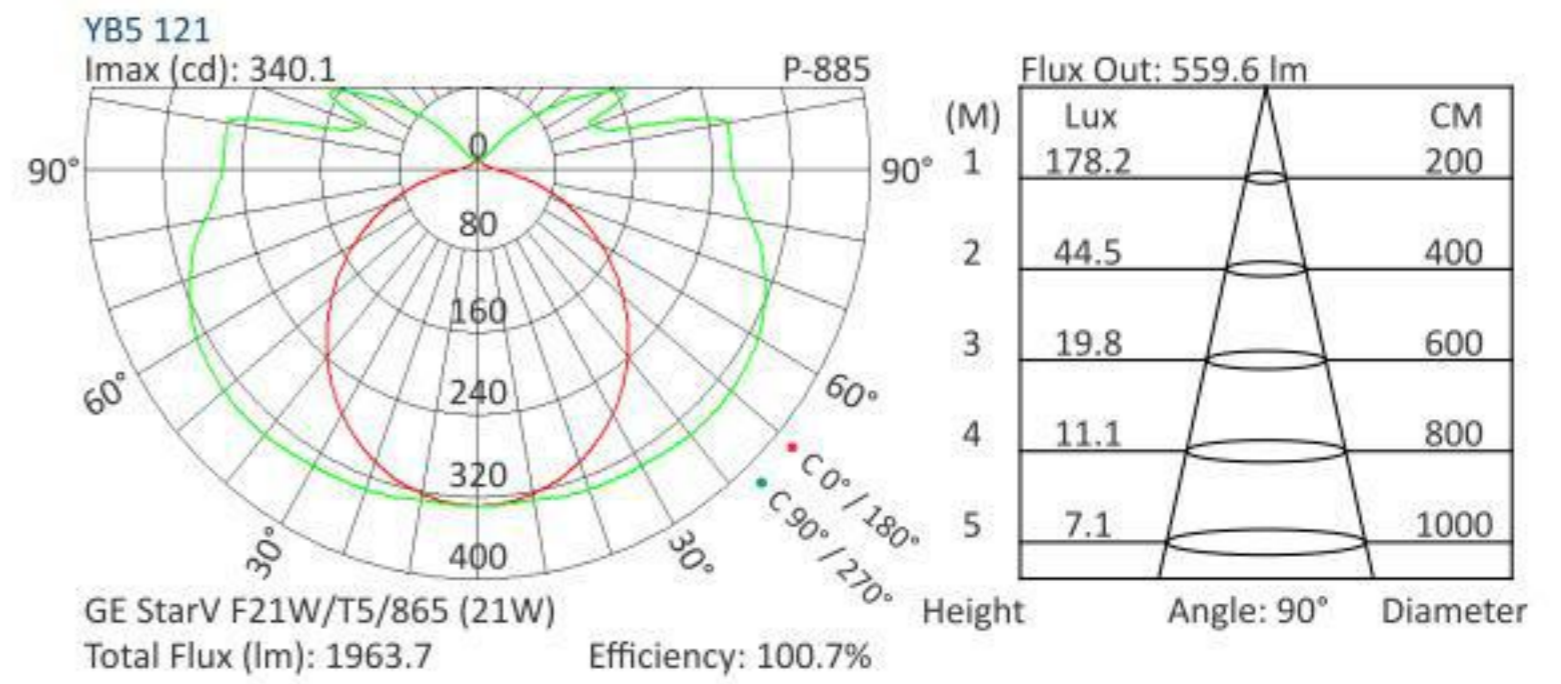
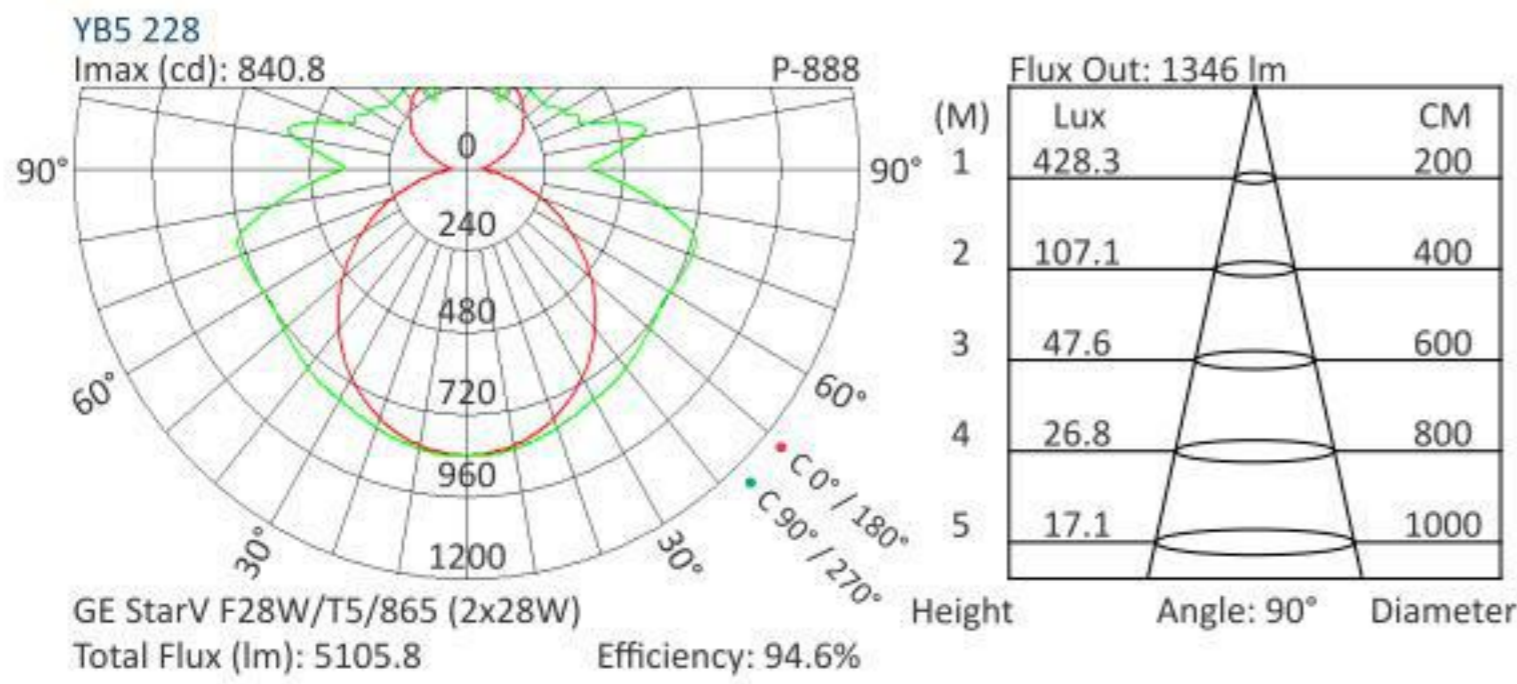
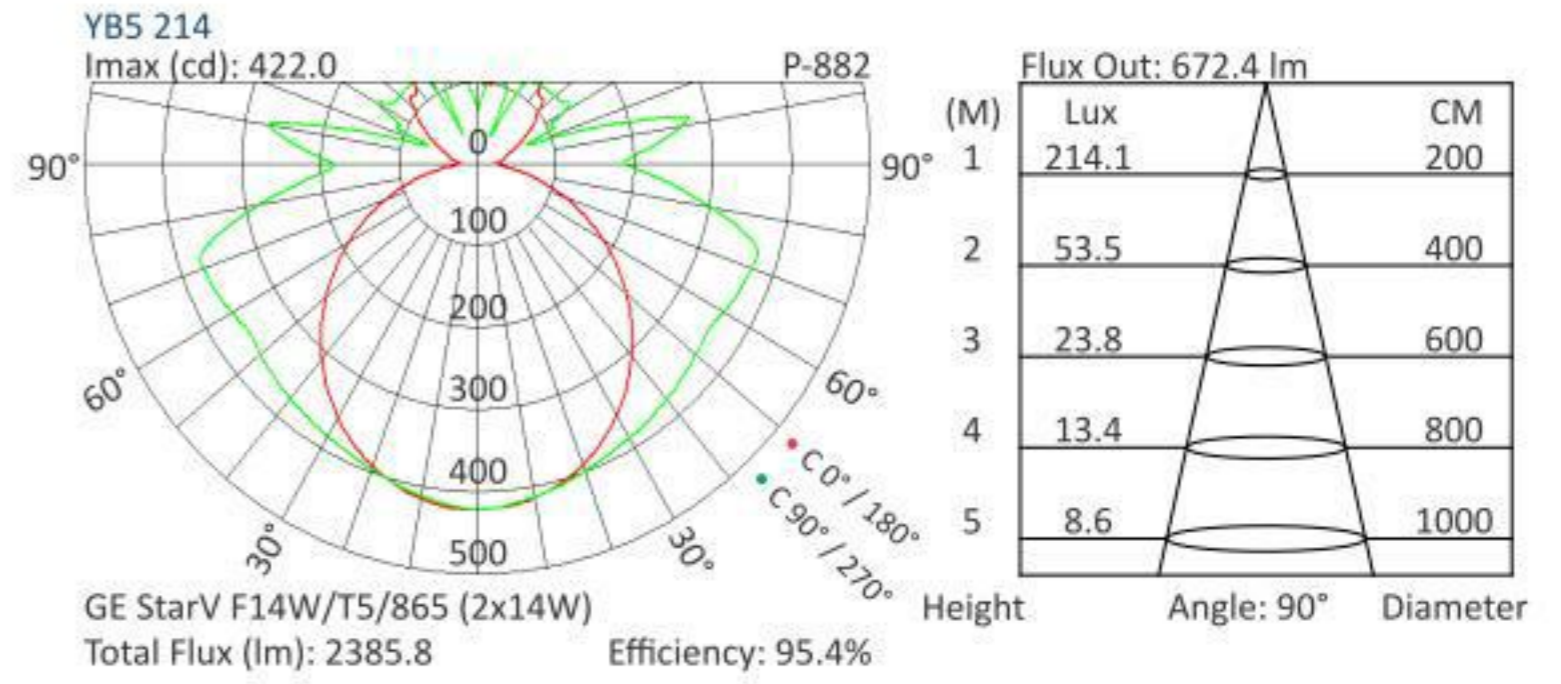
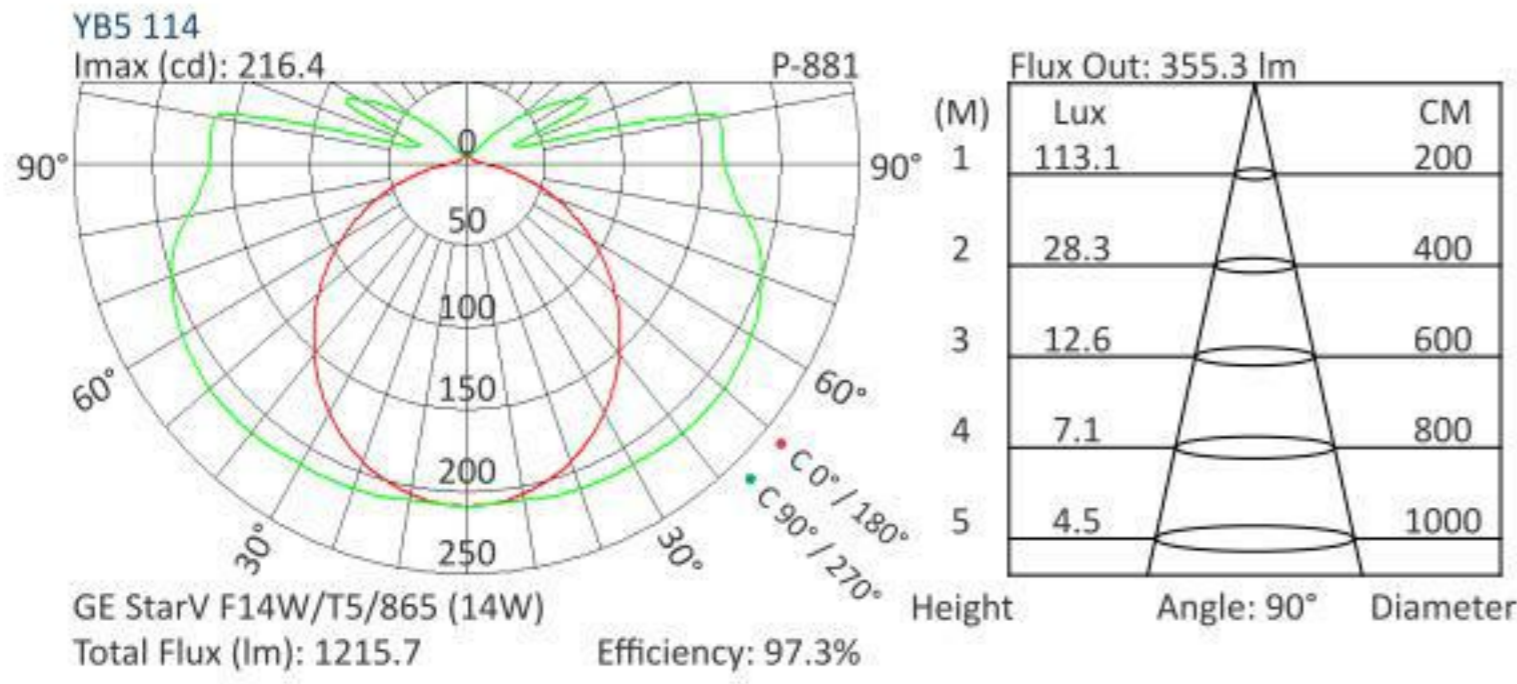
LUMINOUS INTENSITY DISTRIBUTION DIAGRAM & AAI CURVES

### LIGHT DISTRIBUTION

### AAI CURVES

### LIGHT DISTRIBUTION

### AAI CURVES







# PHOTOMETRIC DATA

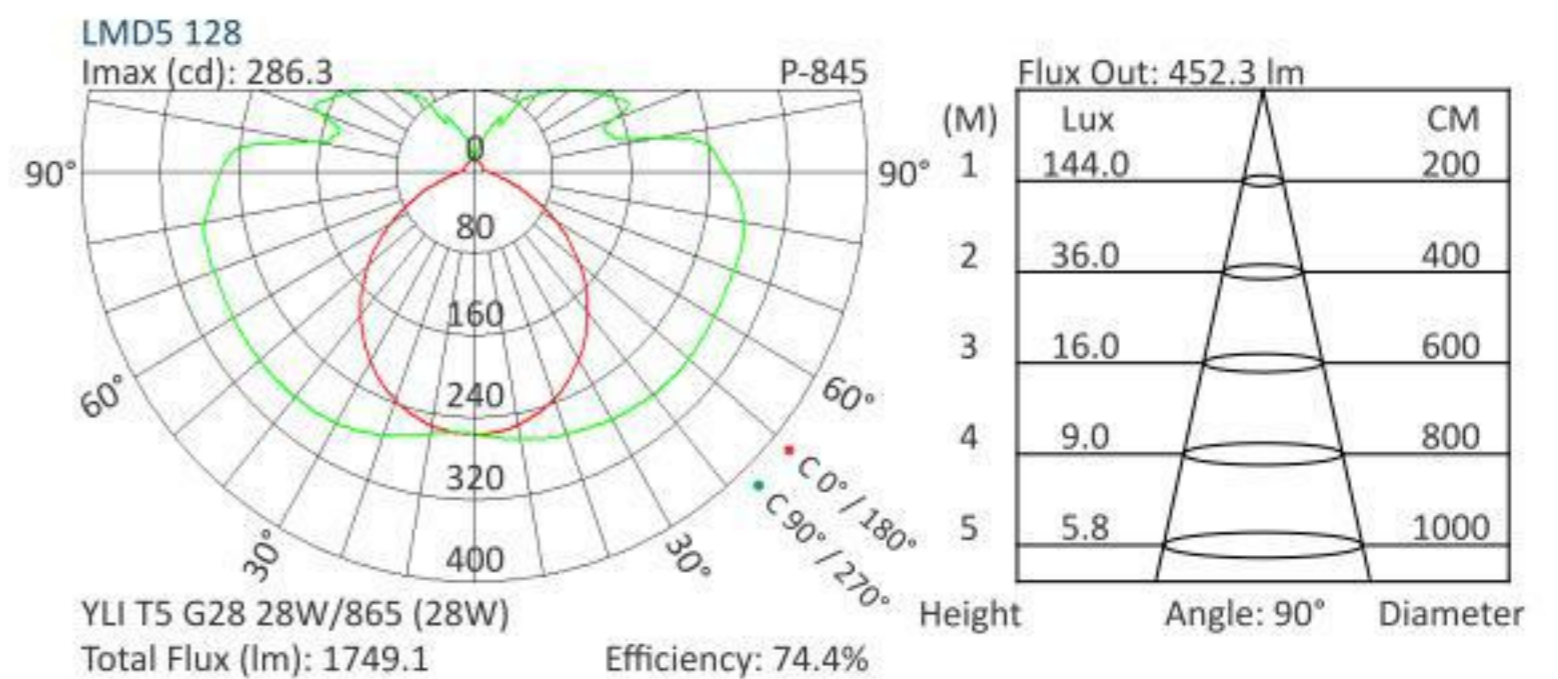
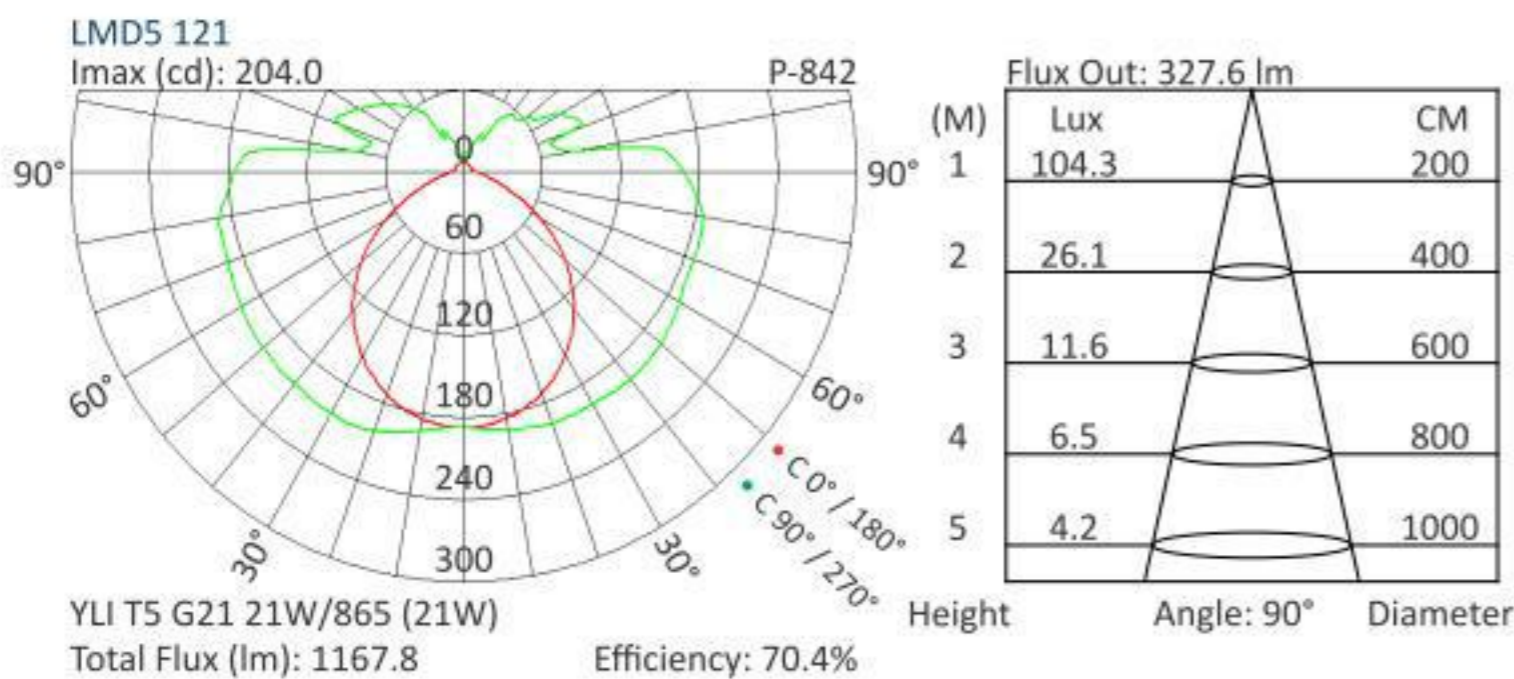
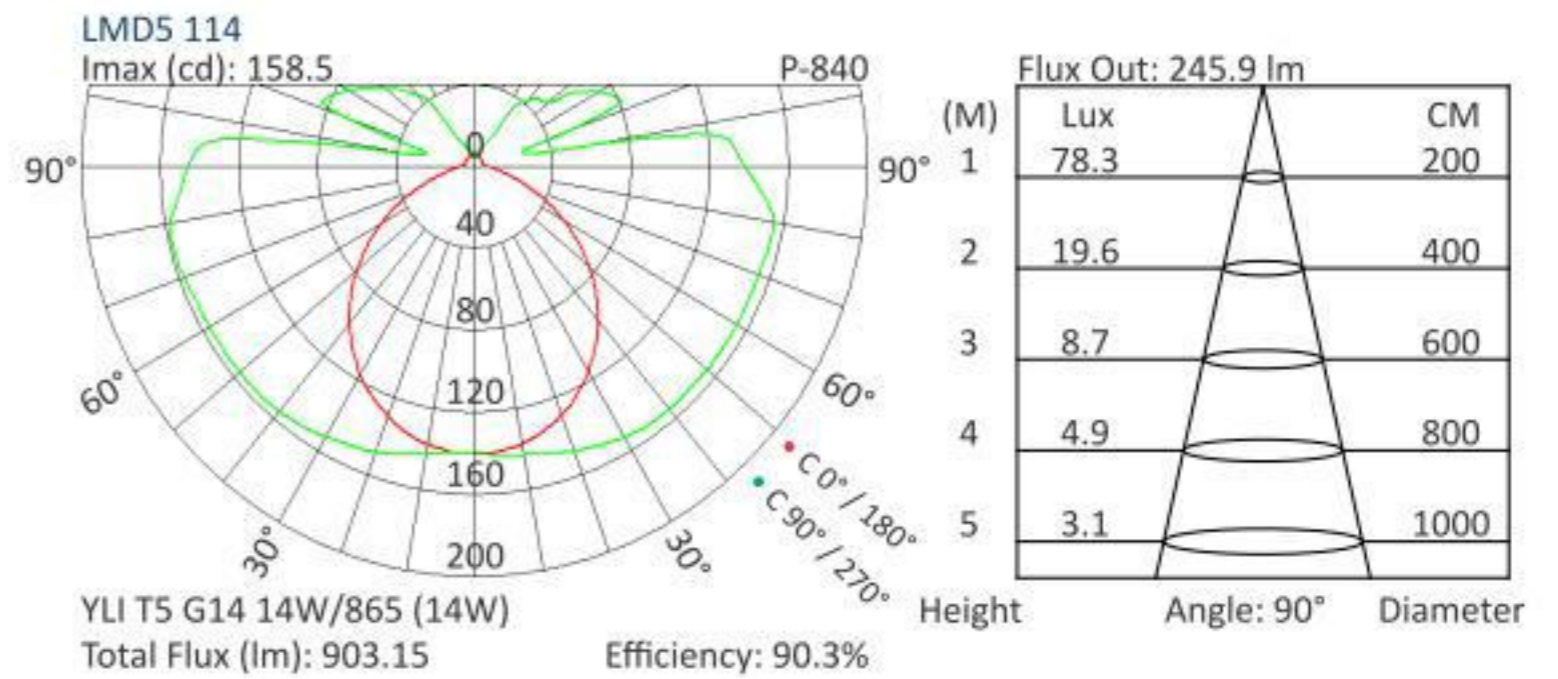
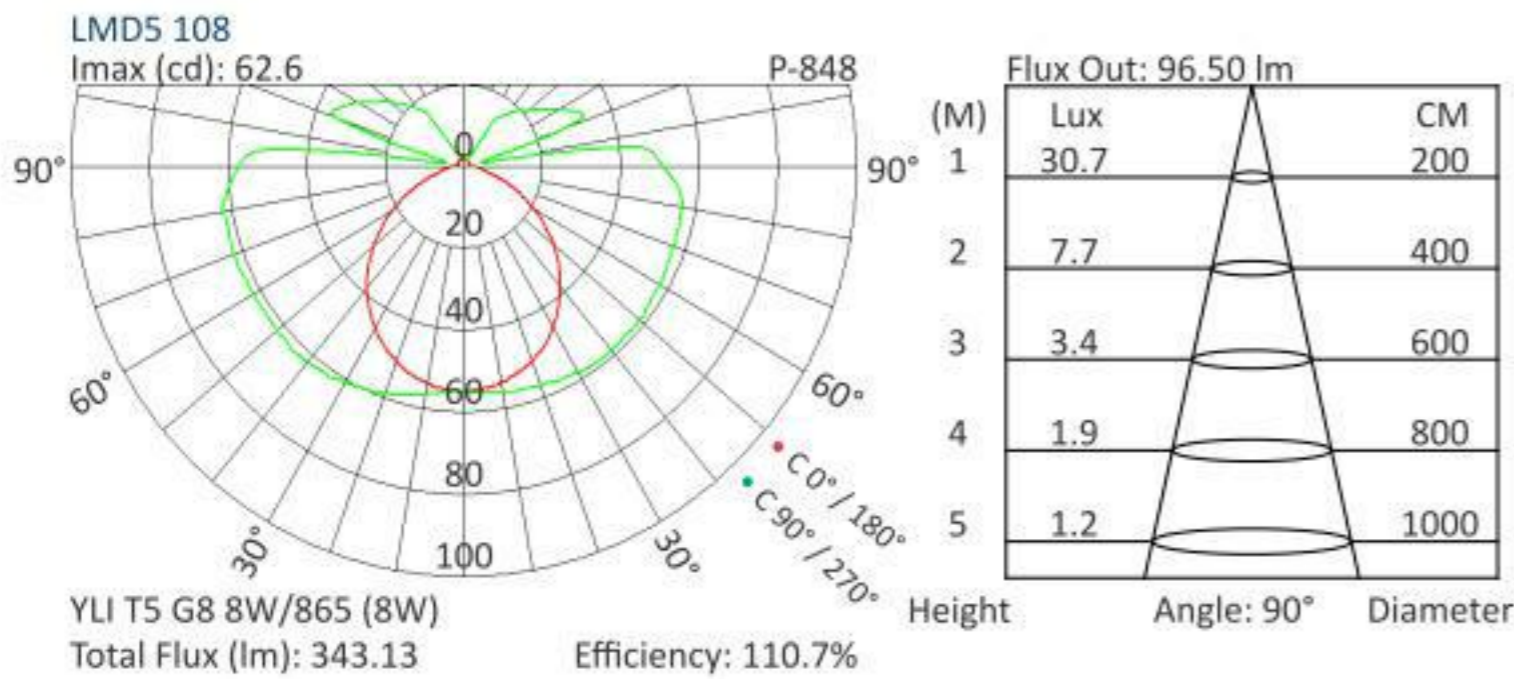
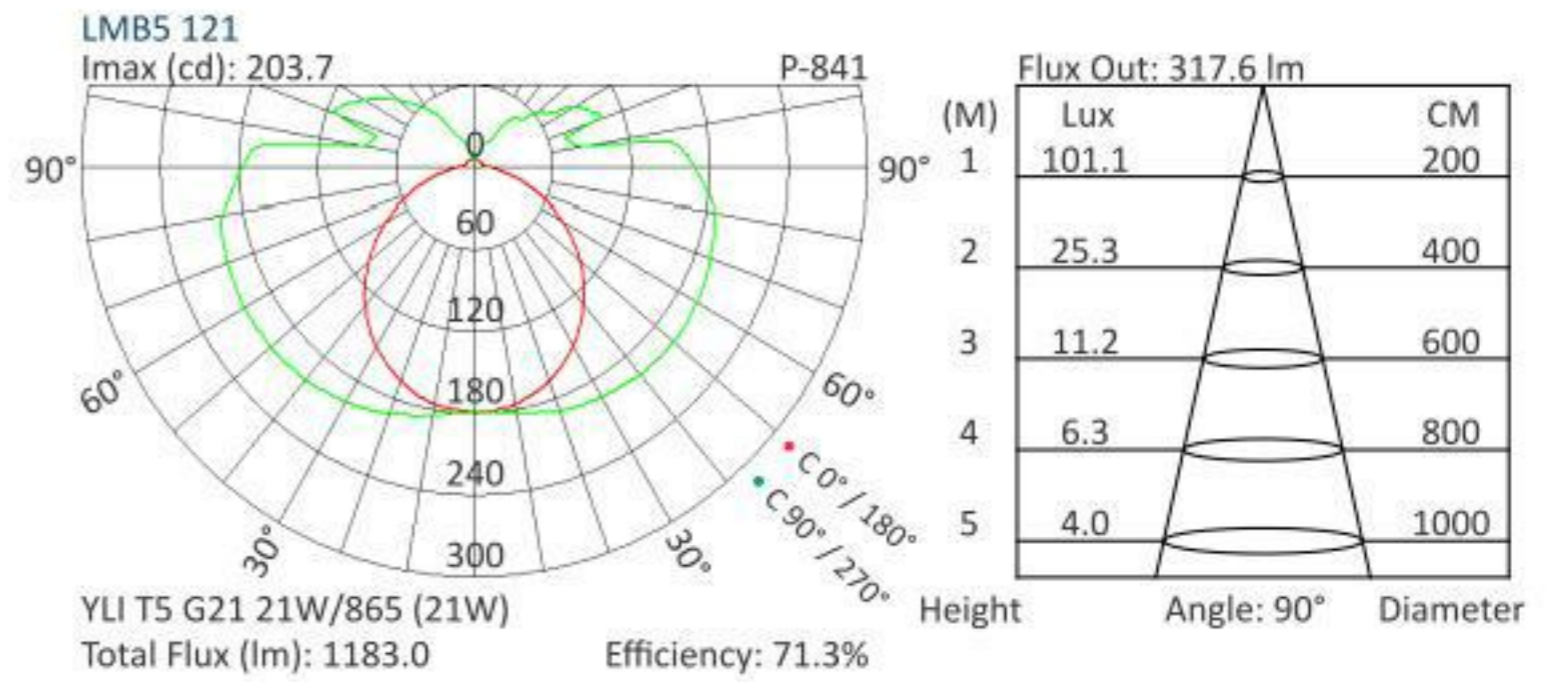
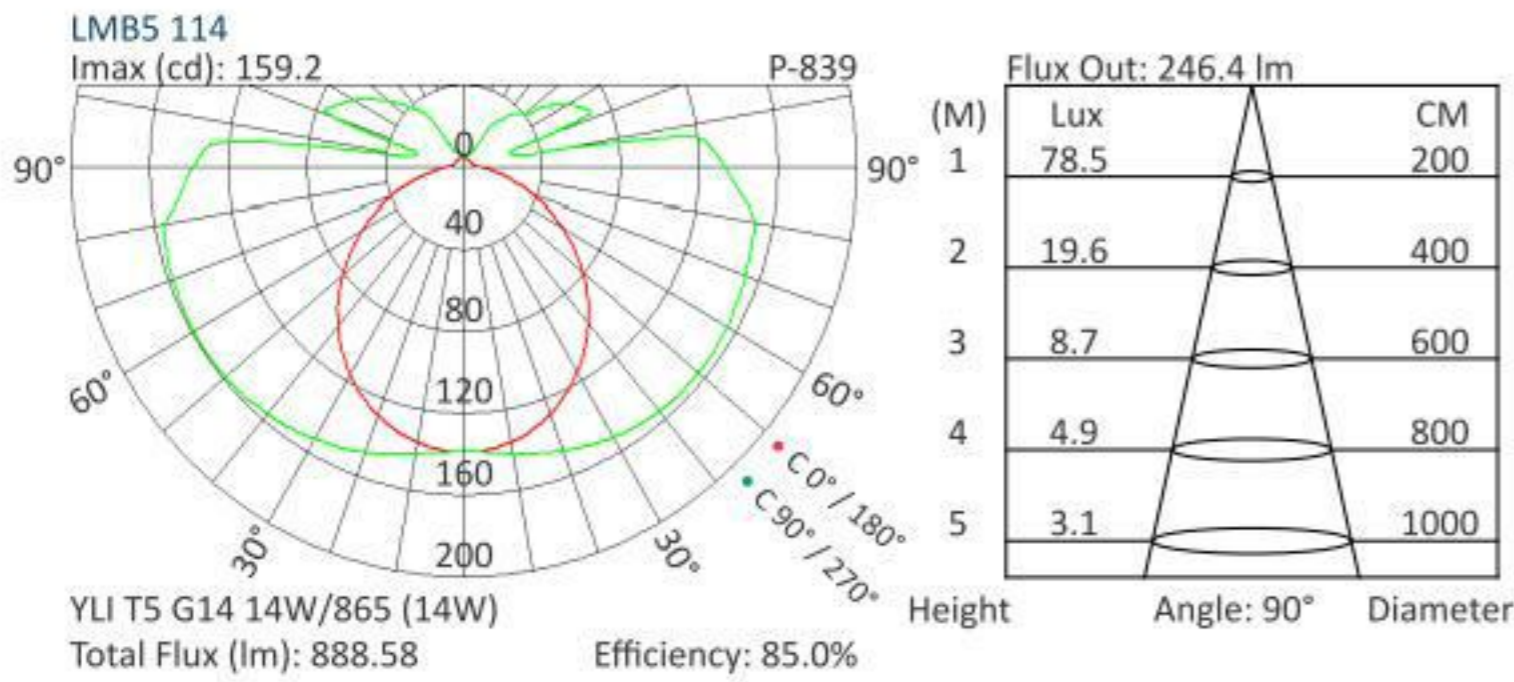
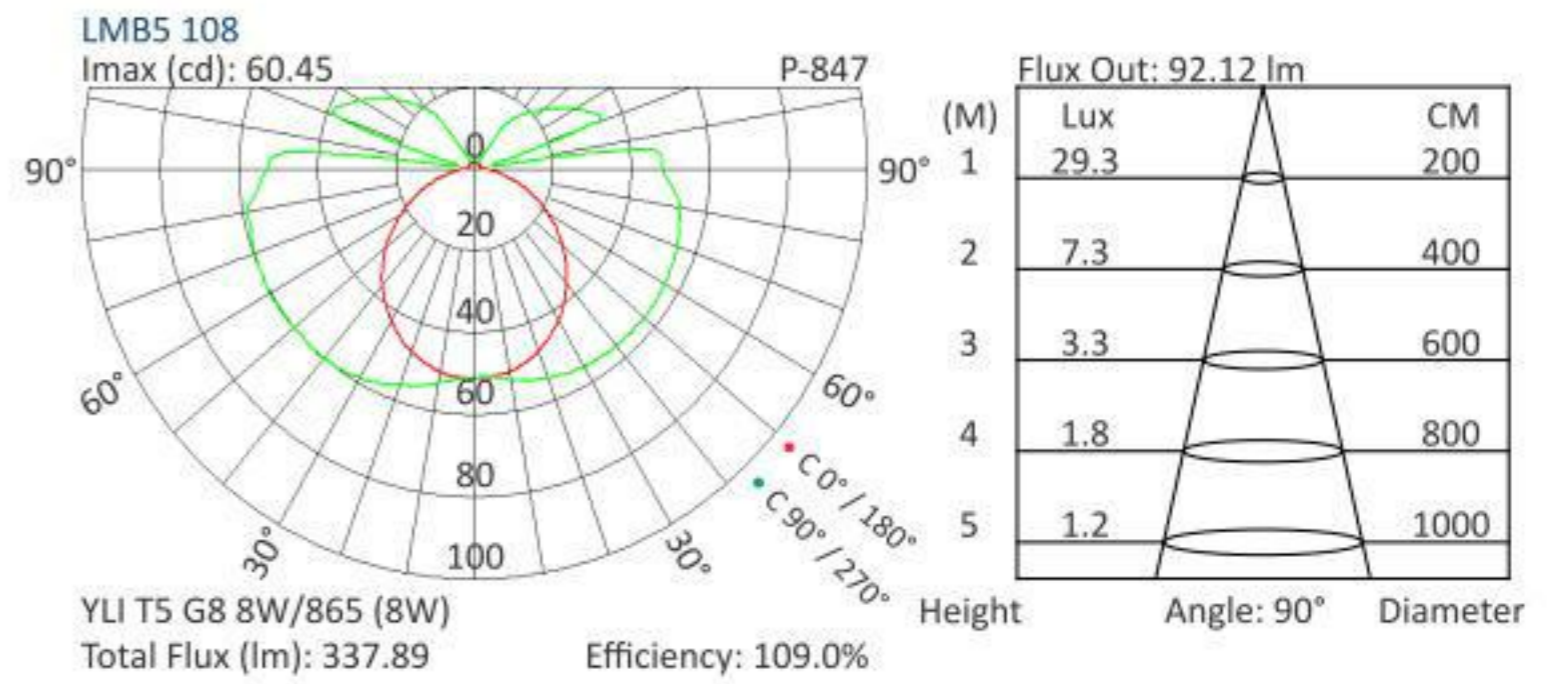
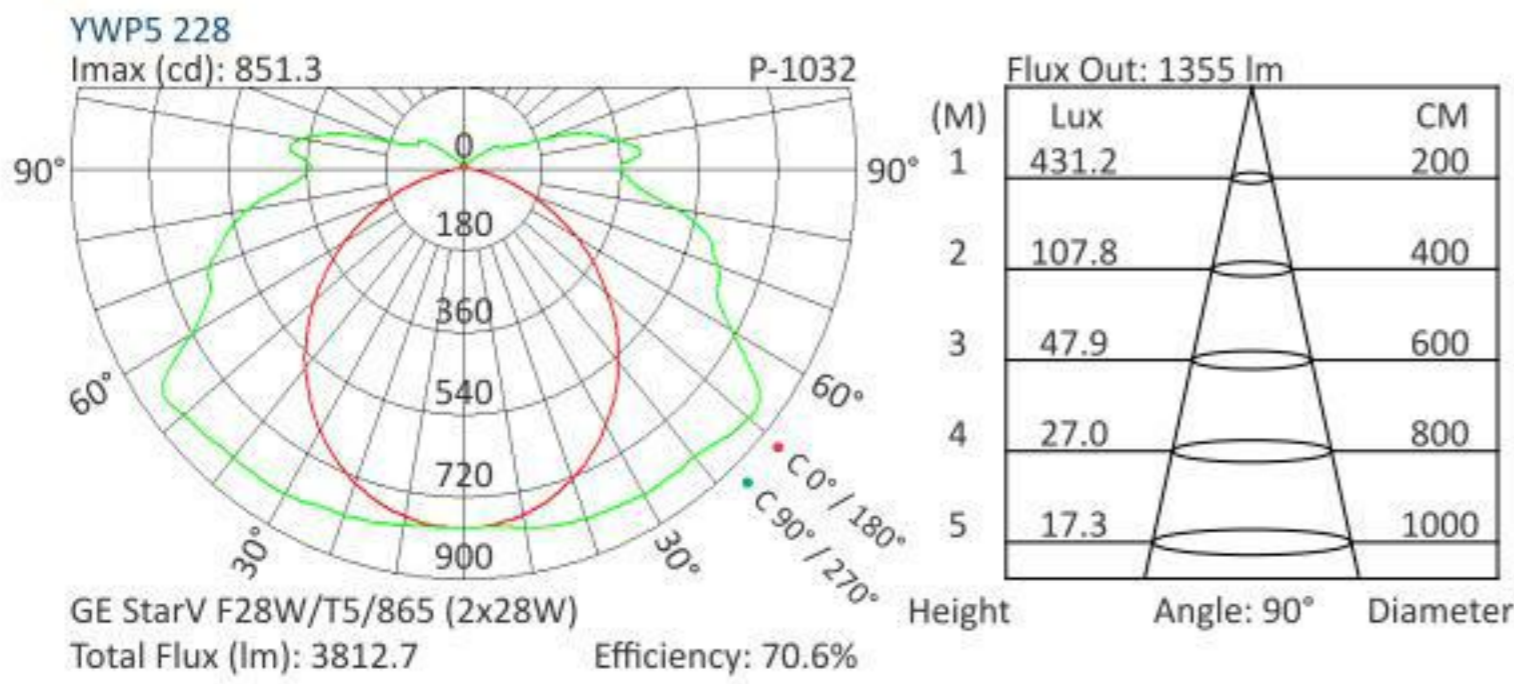
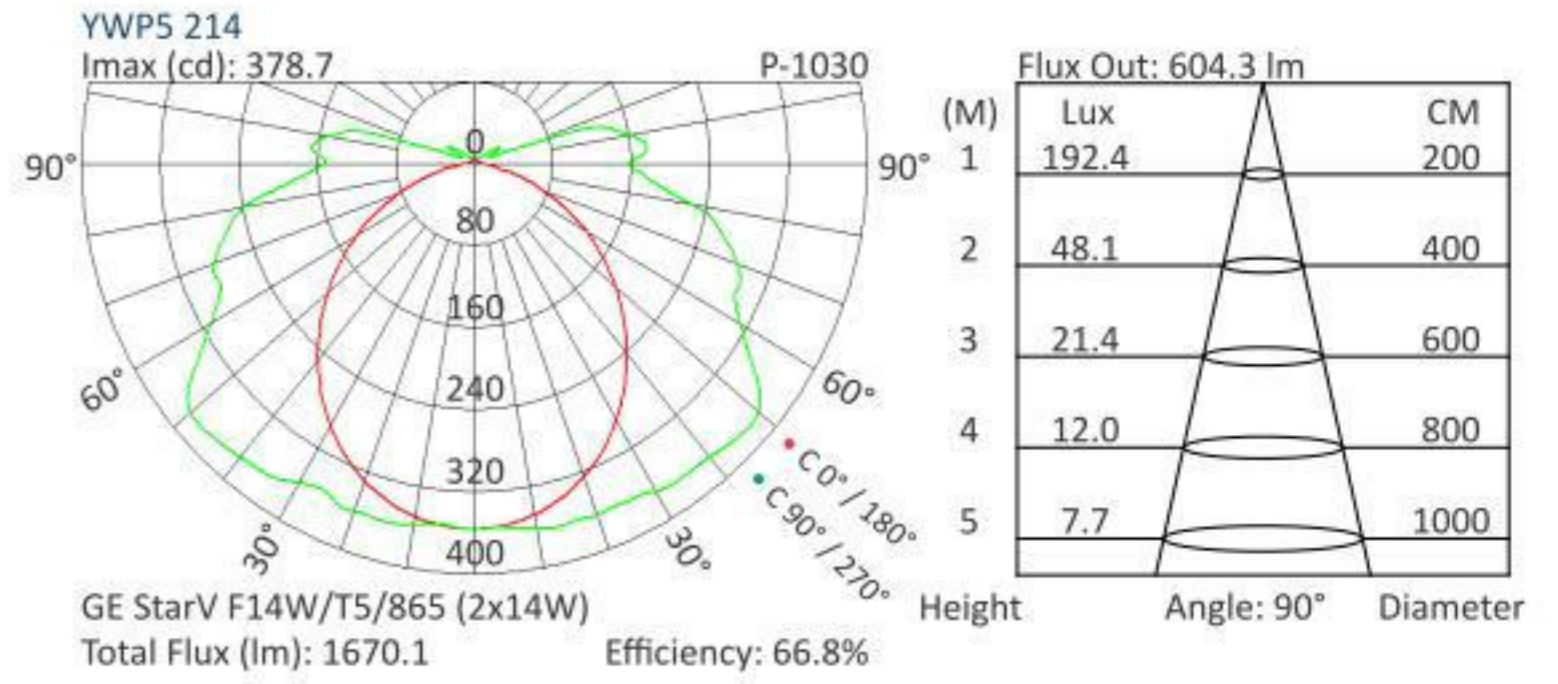
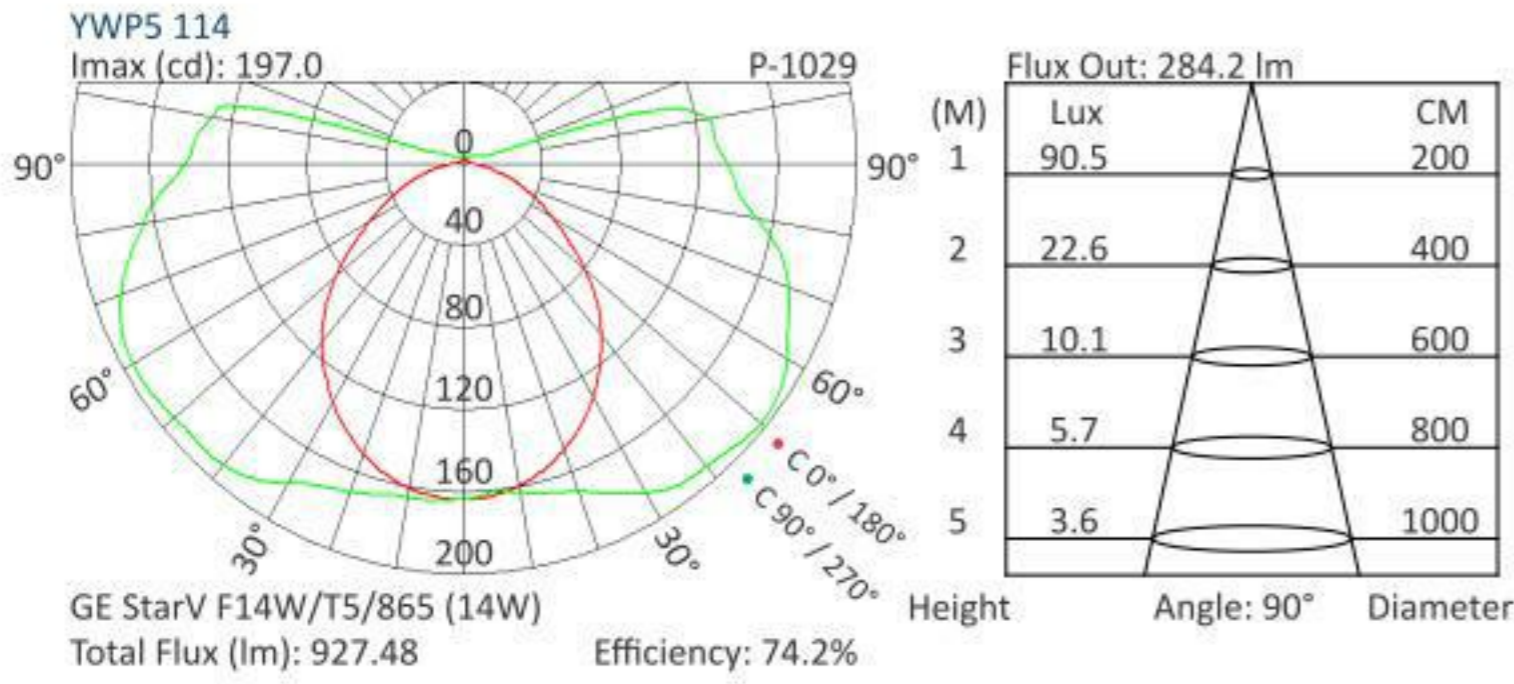
LUMINOUS INTENSITY DISTRIBUTION DIAGRAM & AAI CURVES

### LIGHT DISTRIBUTION

### AAI CURVES

### LIGHT DISTRIBUTION

### AAI CURVES







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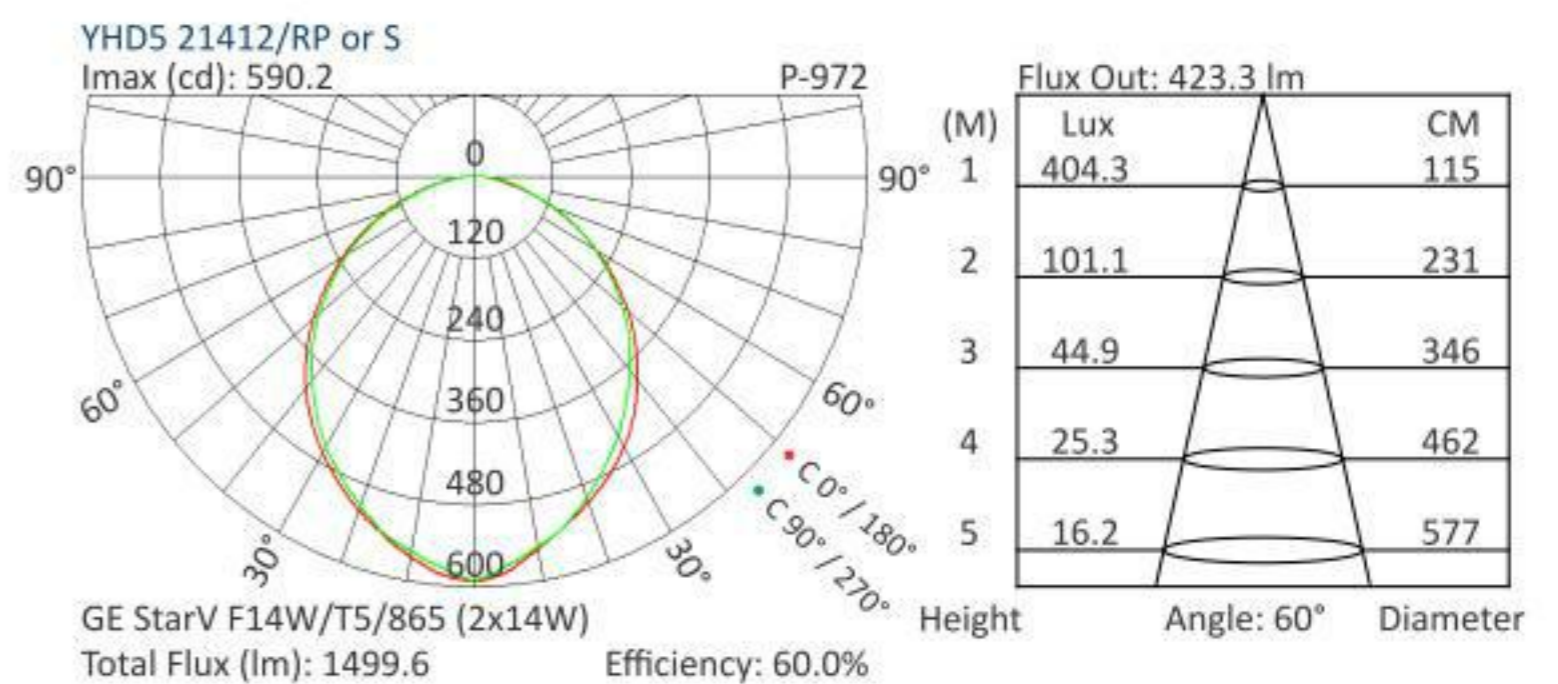
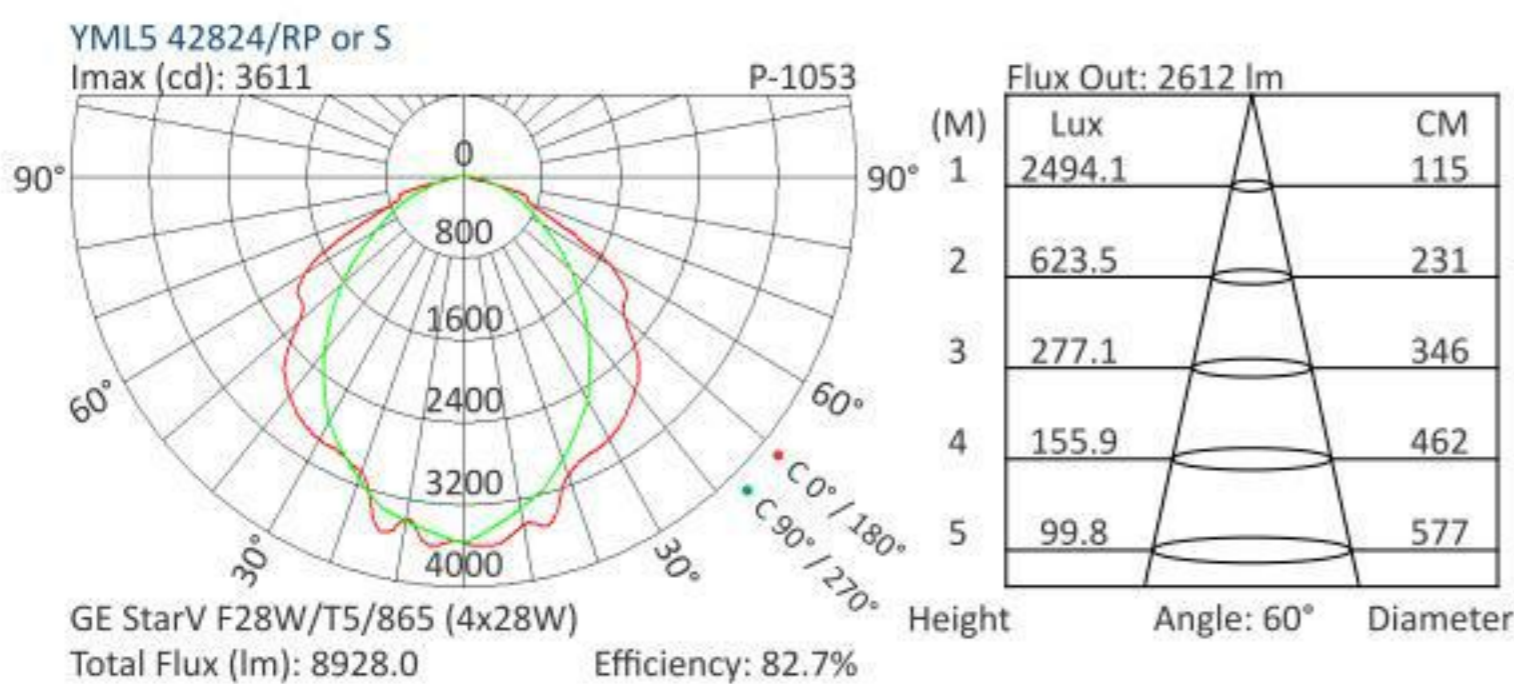
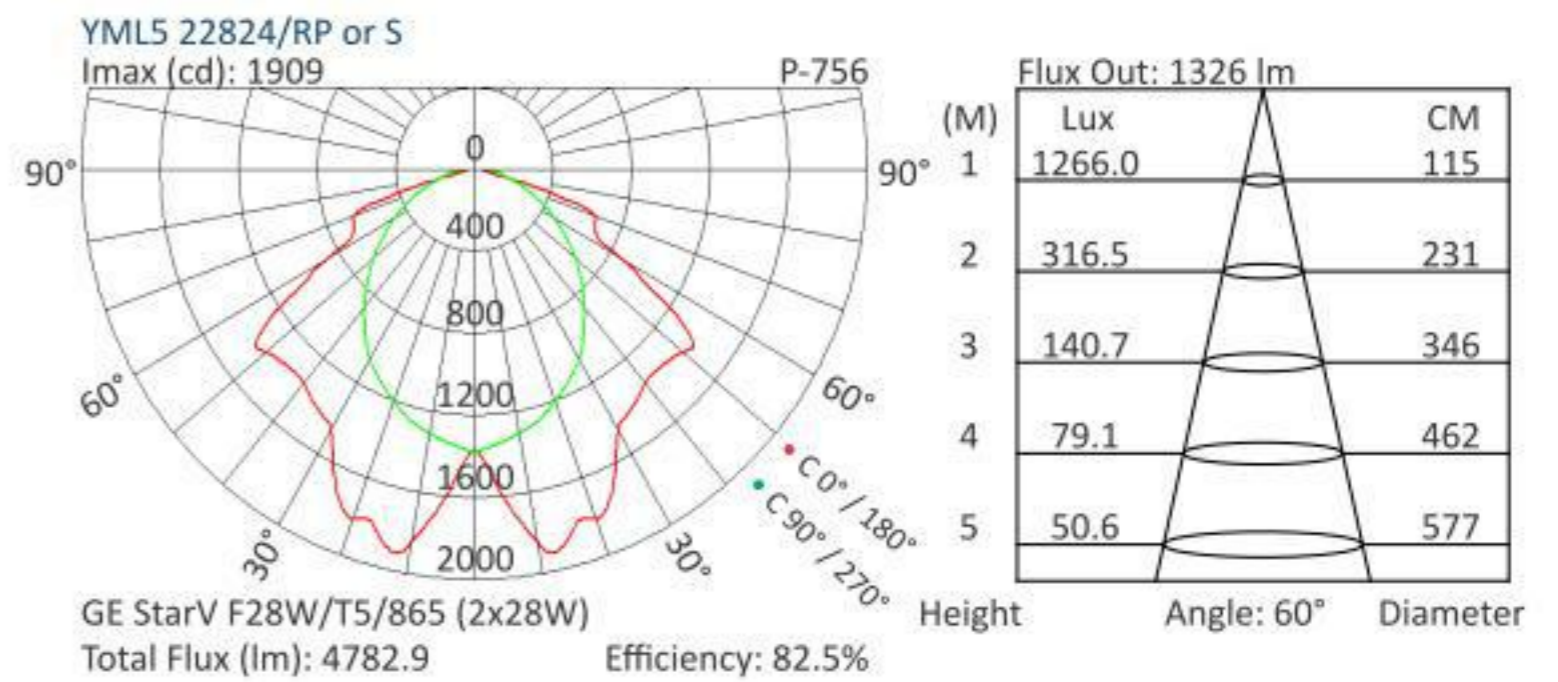
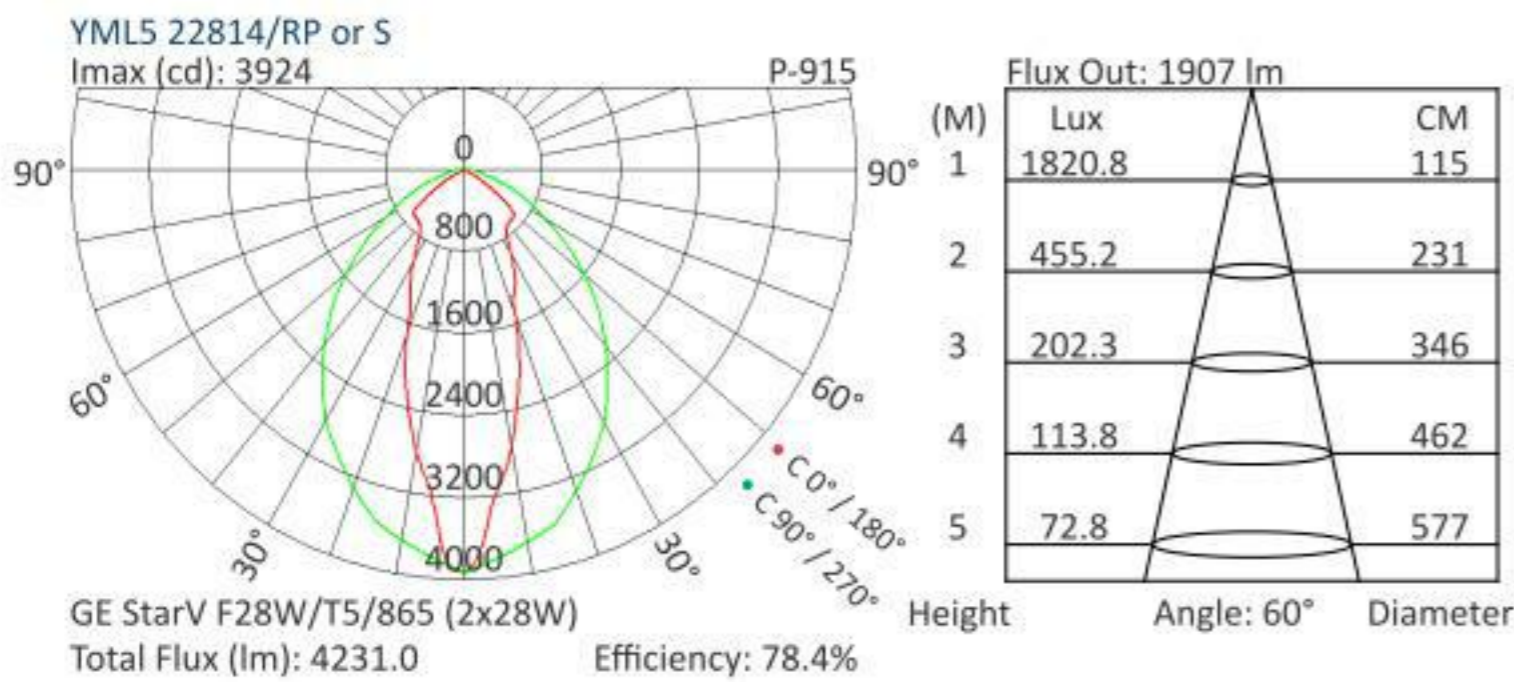
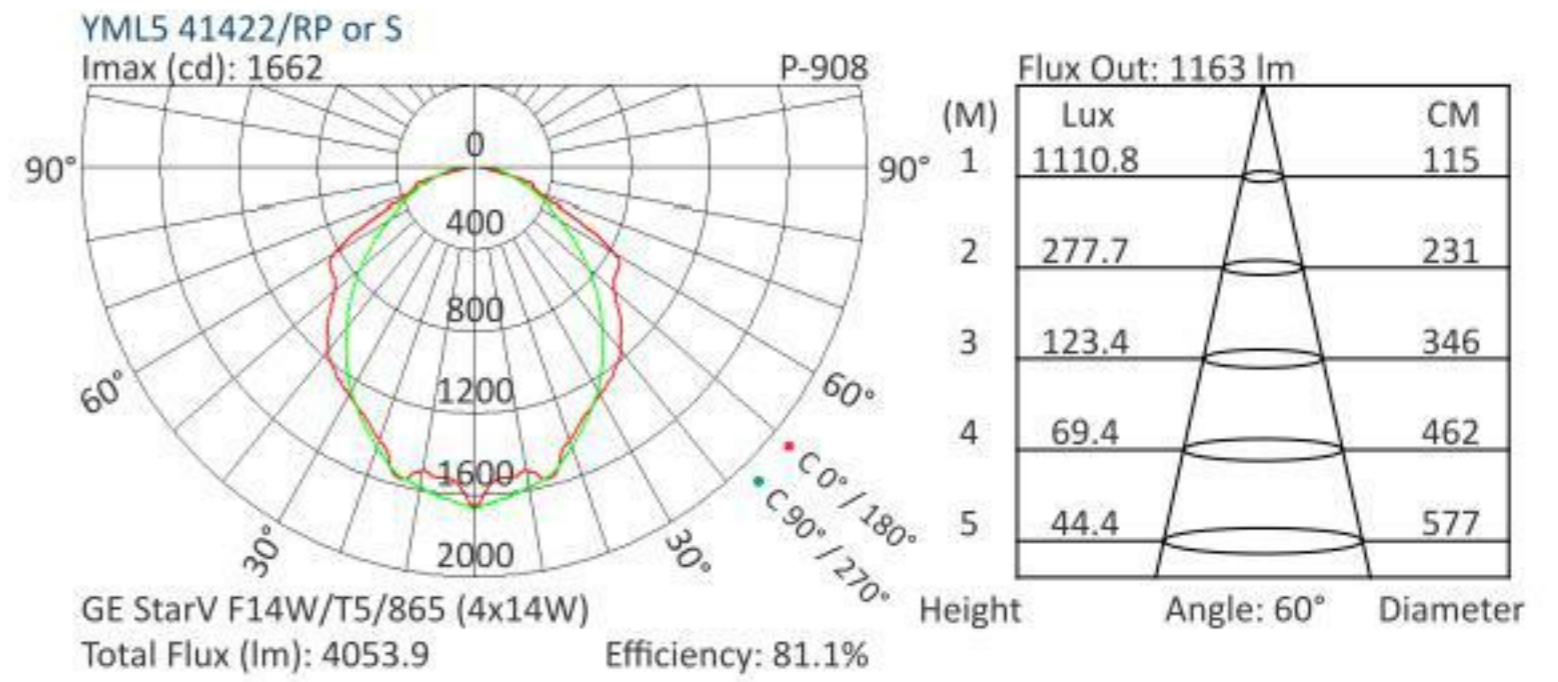
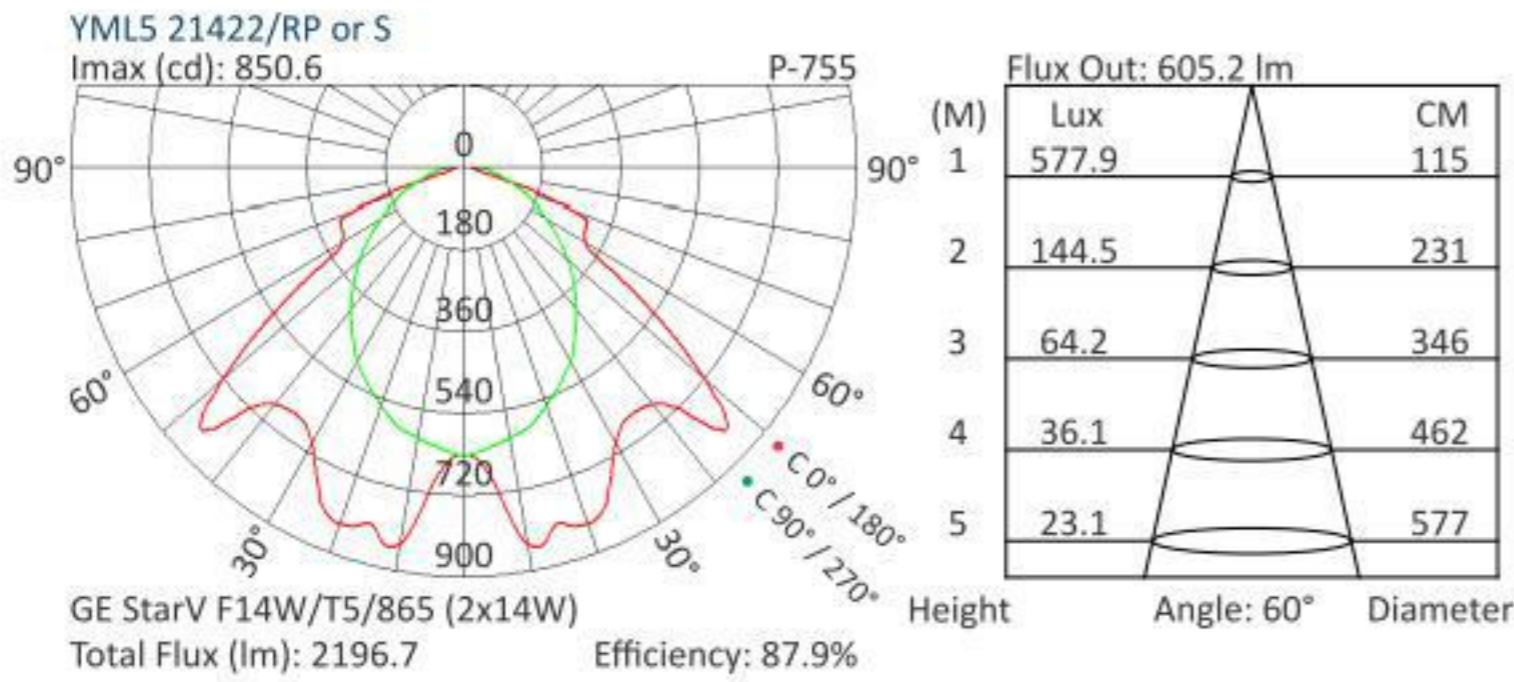
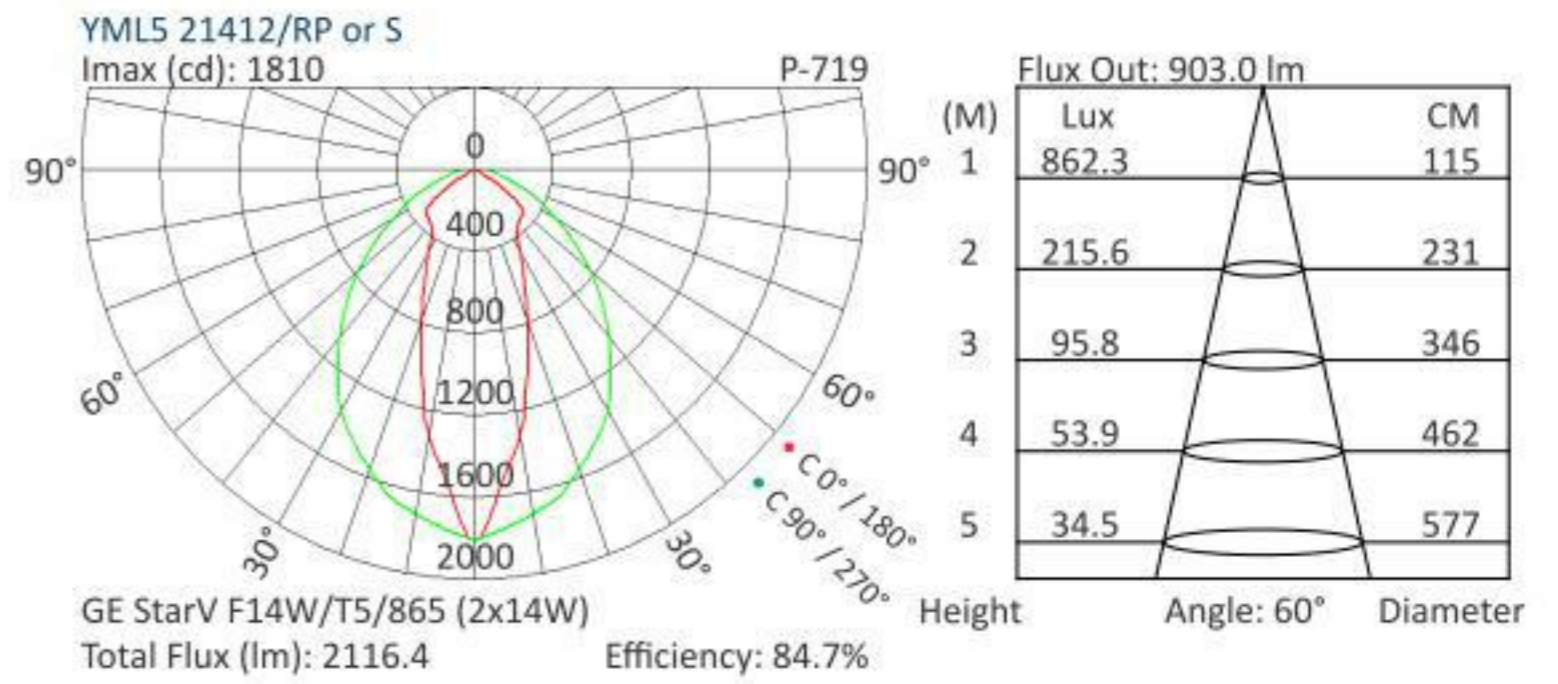
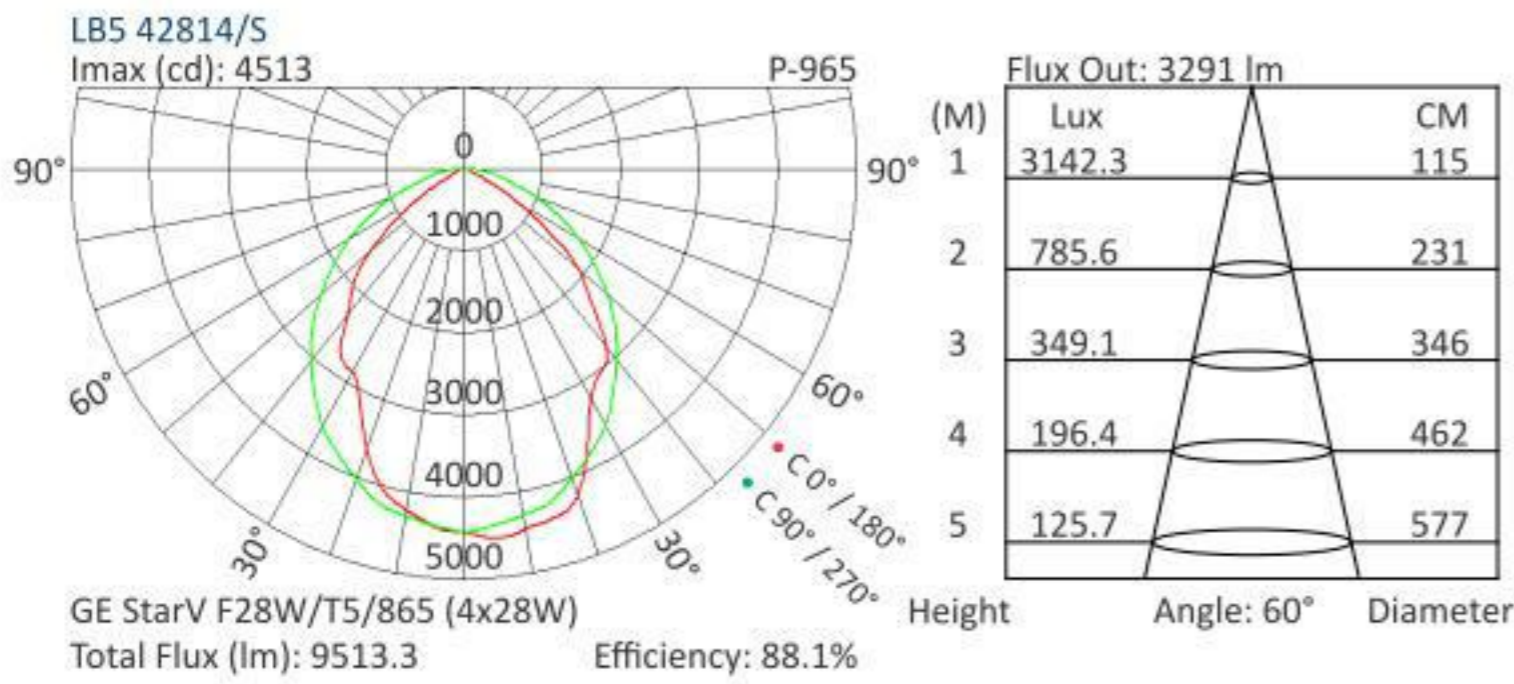
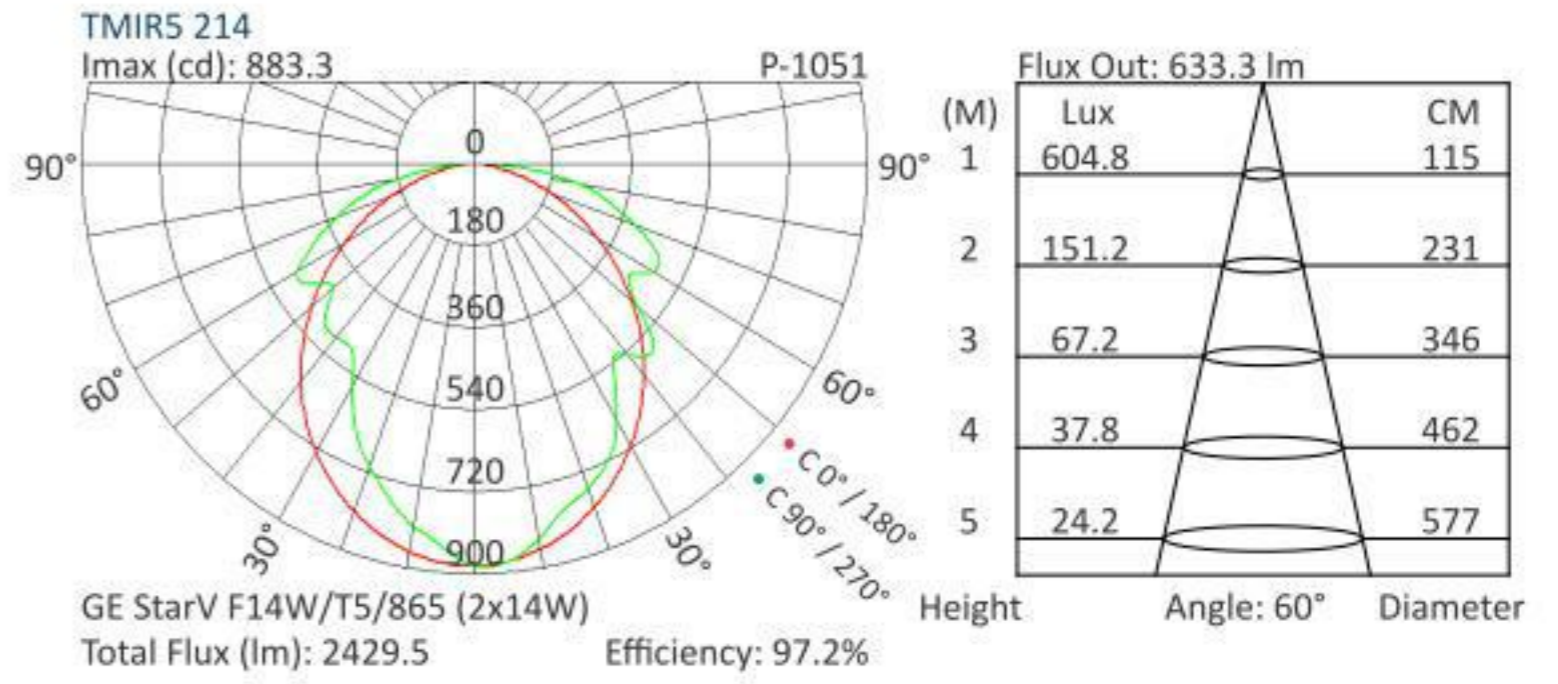
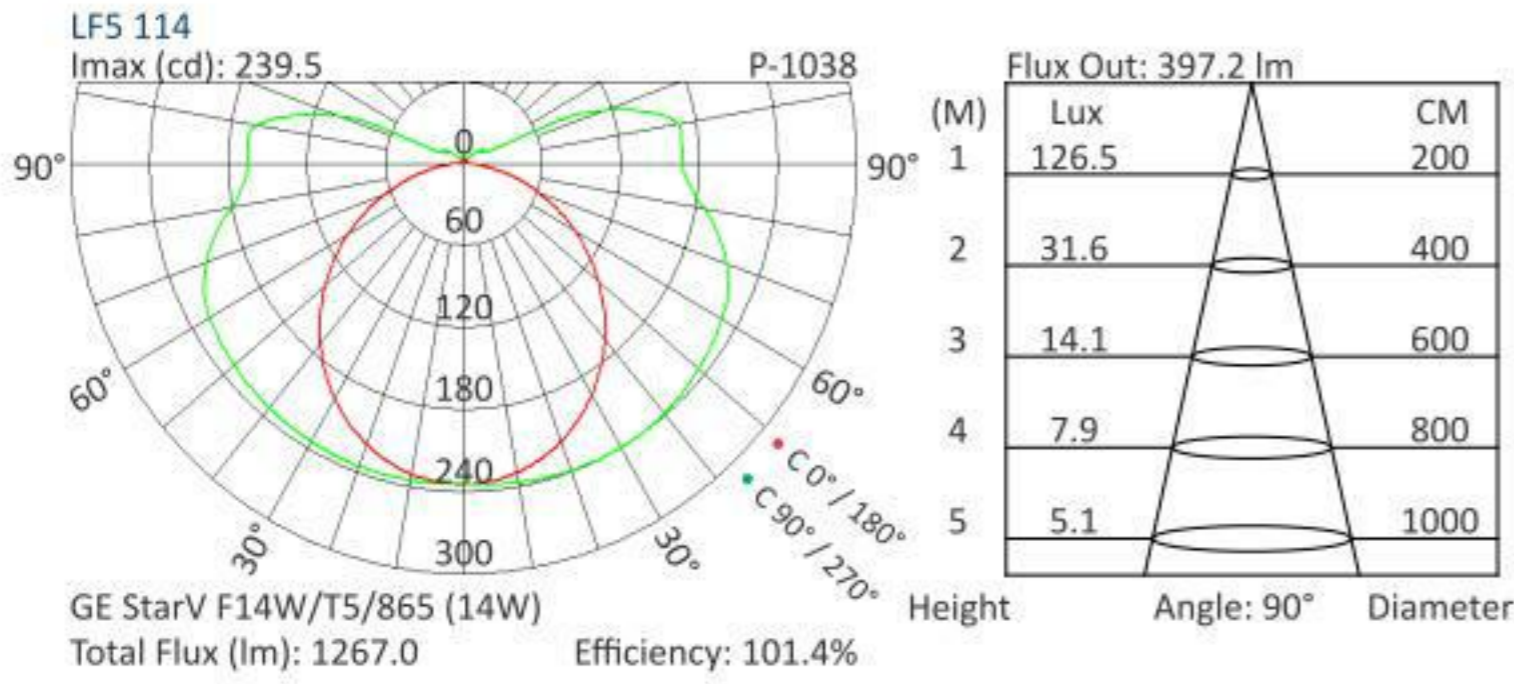
LUMINOUS INTENSITY DISTRIBUTION DIAGRAM & AAI CURVES

## LIGHT DISTRIBUTION

## AAI CURVES

## LIGHT DISTRIBUTION

## AAI CURVES







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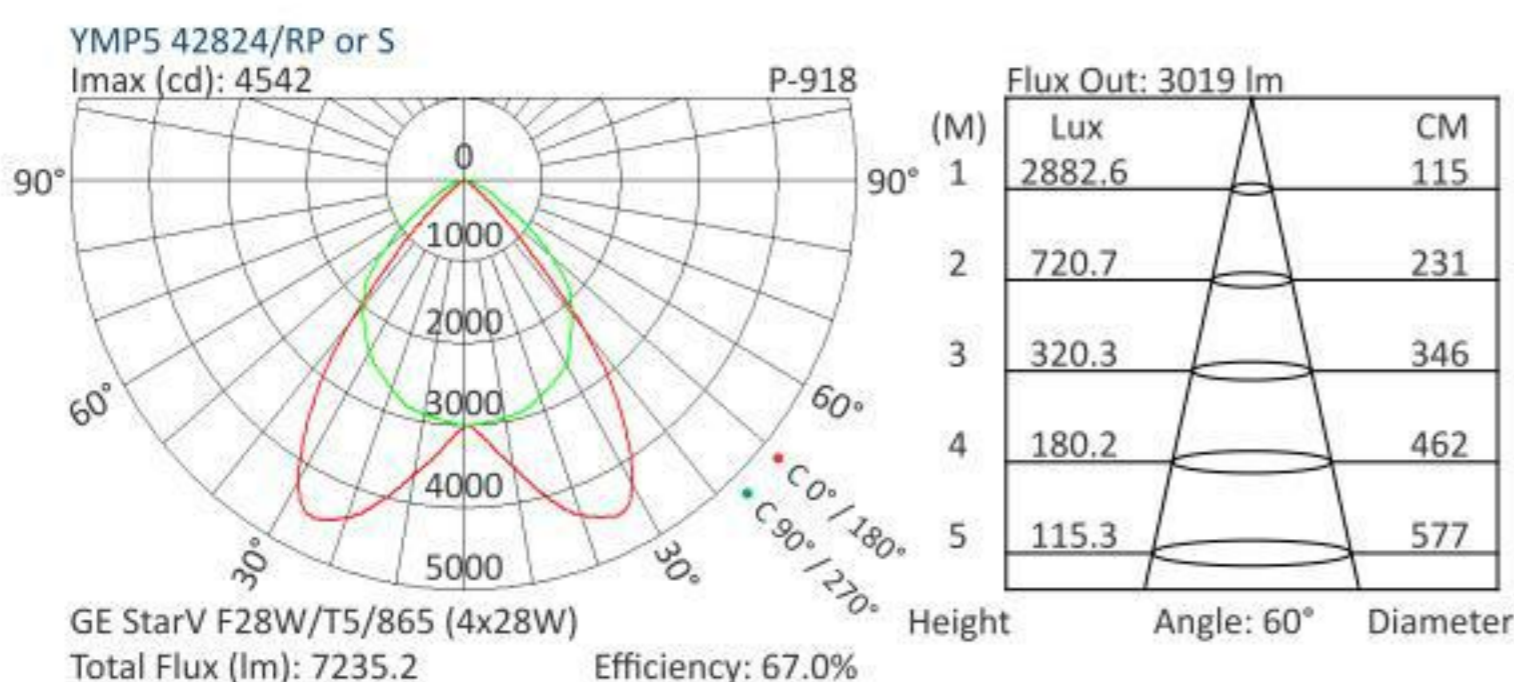
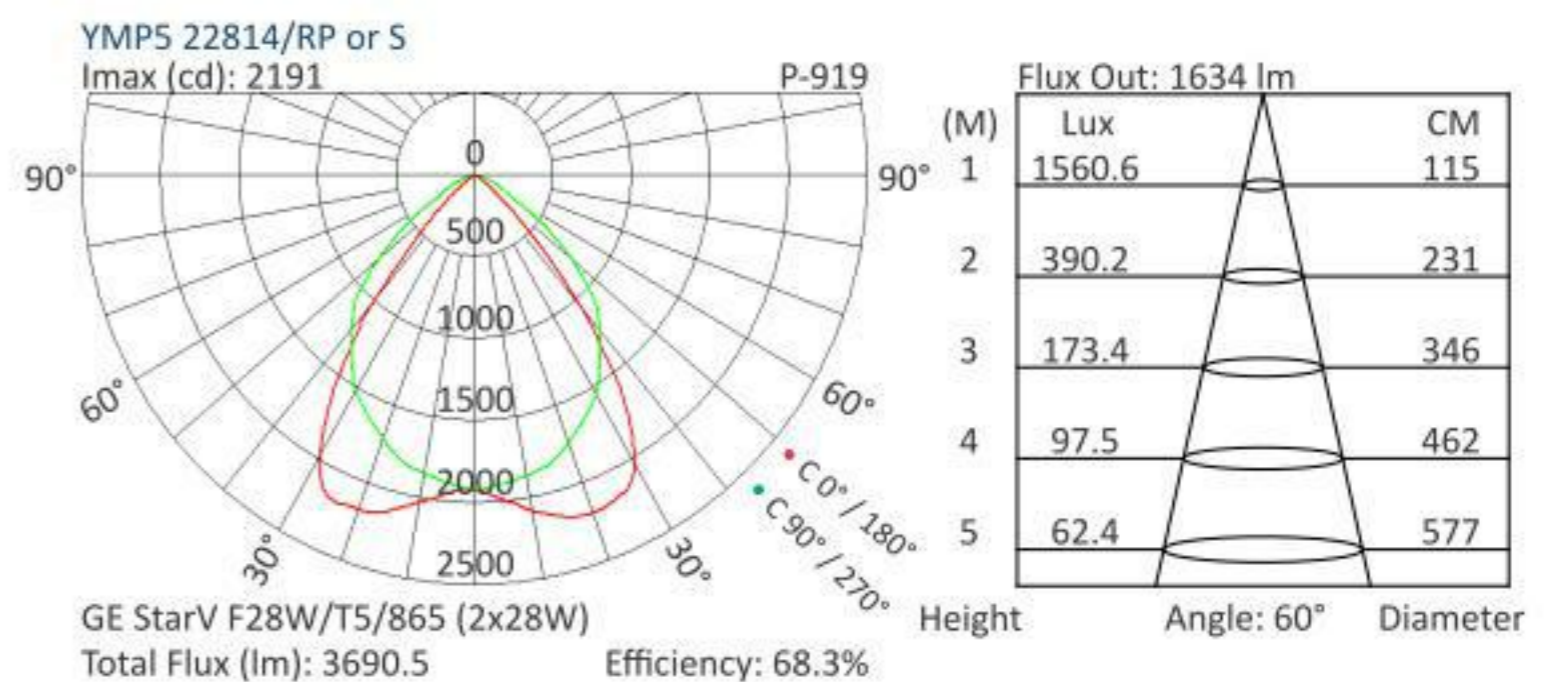
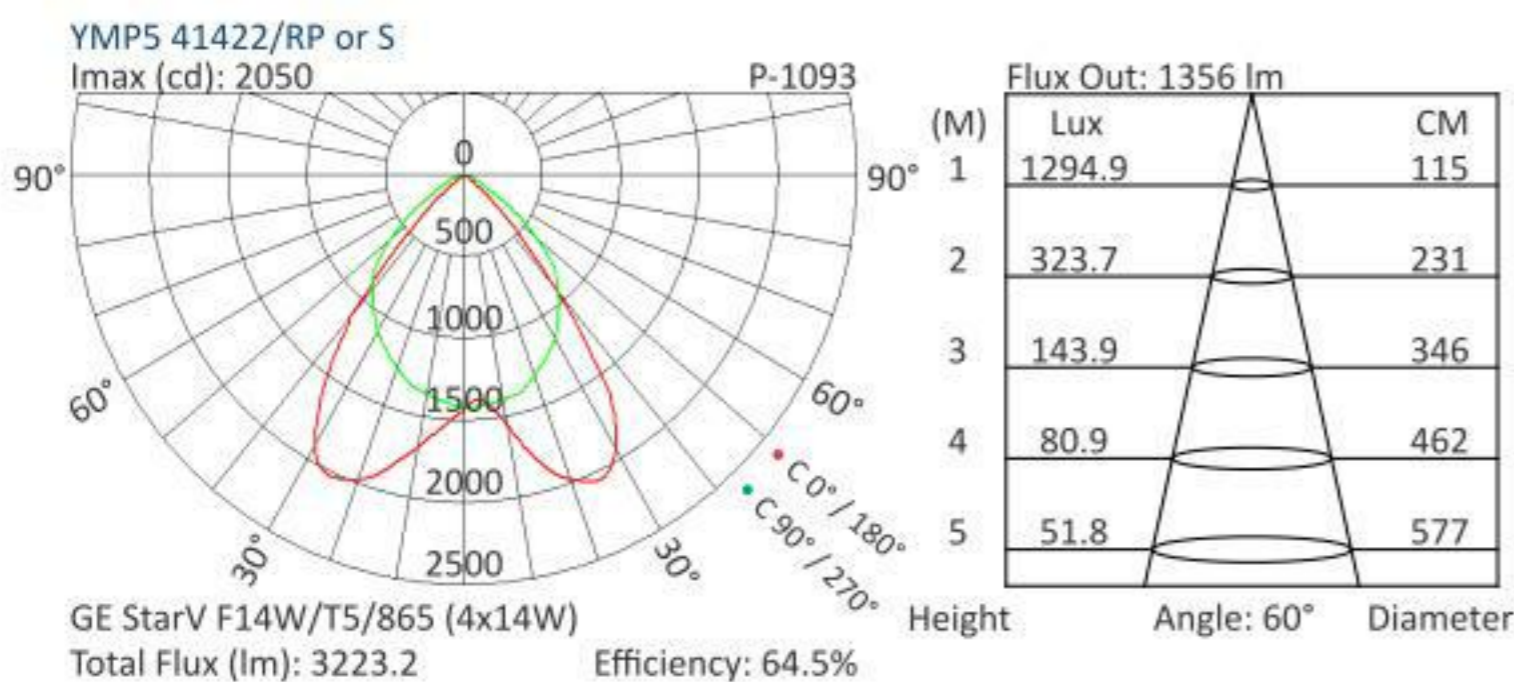
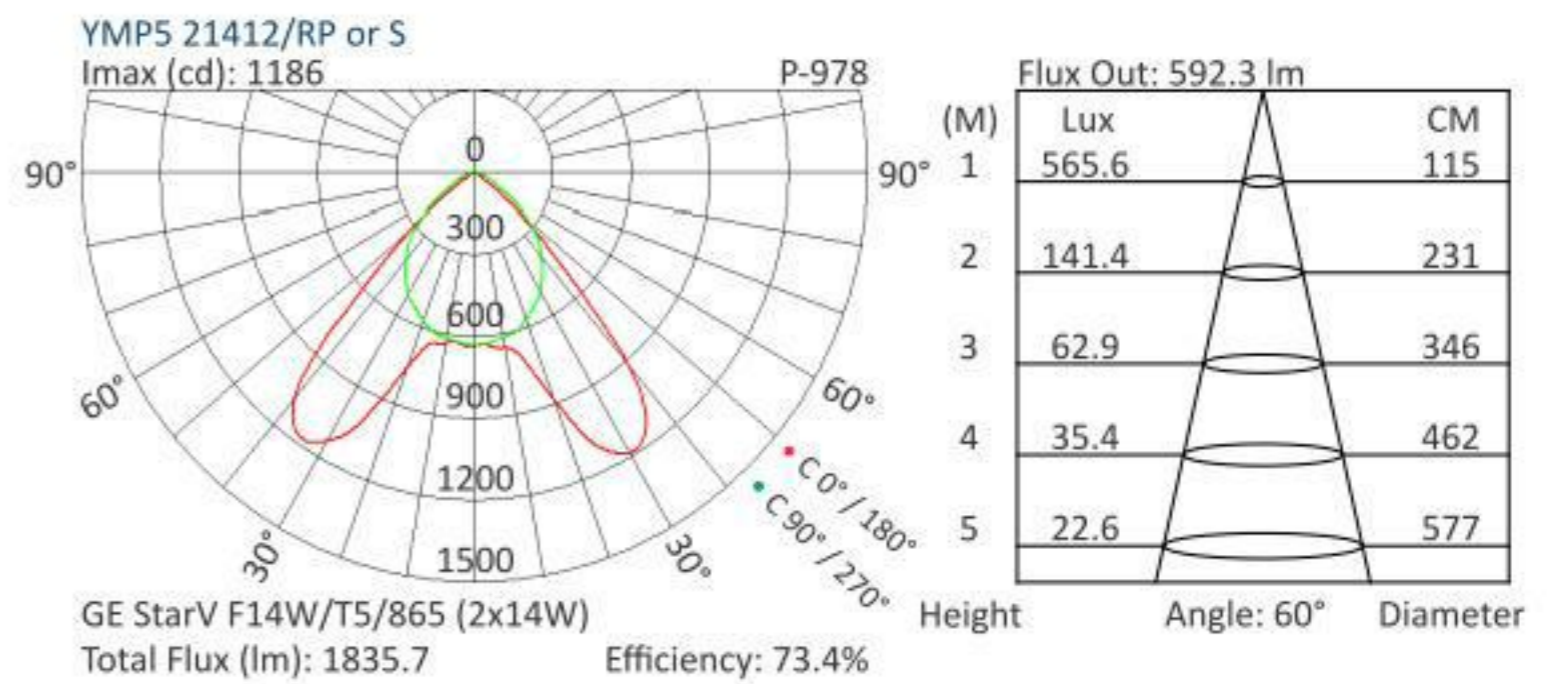
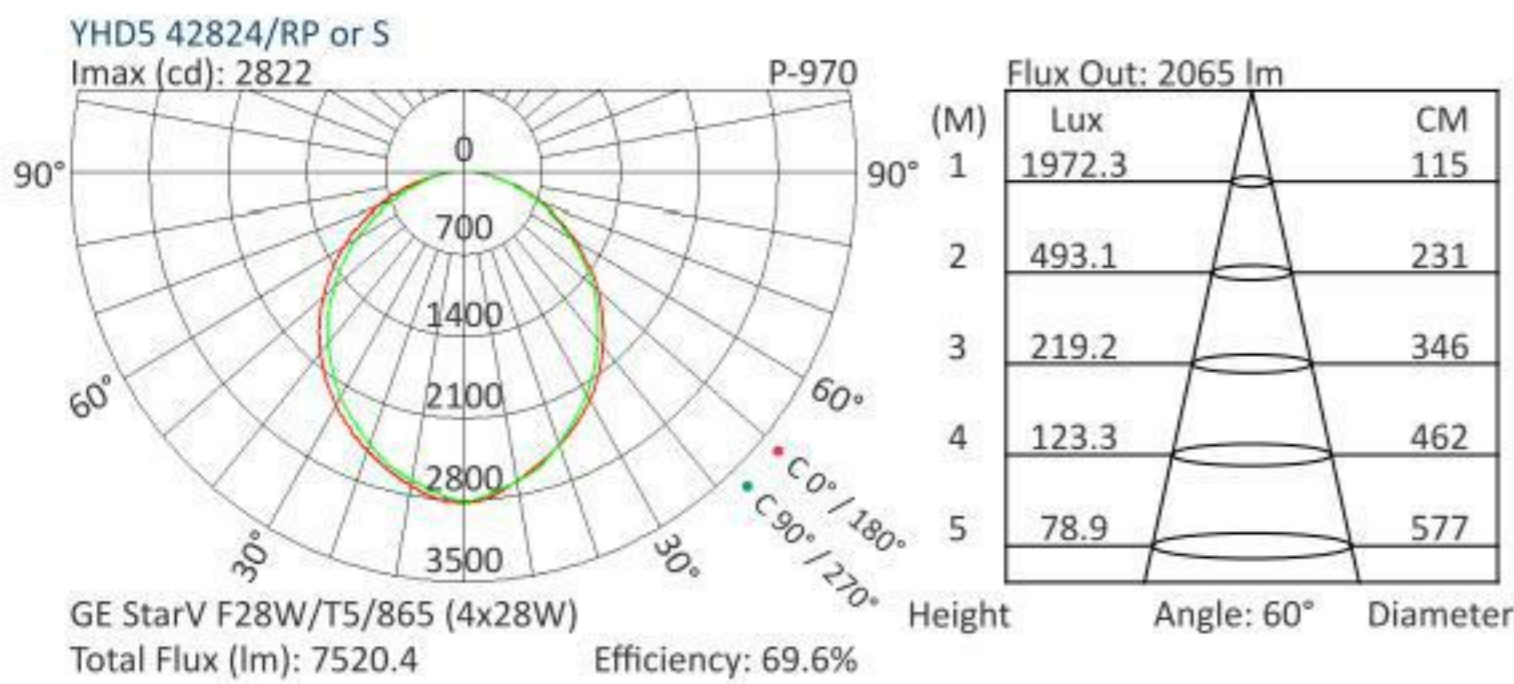
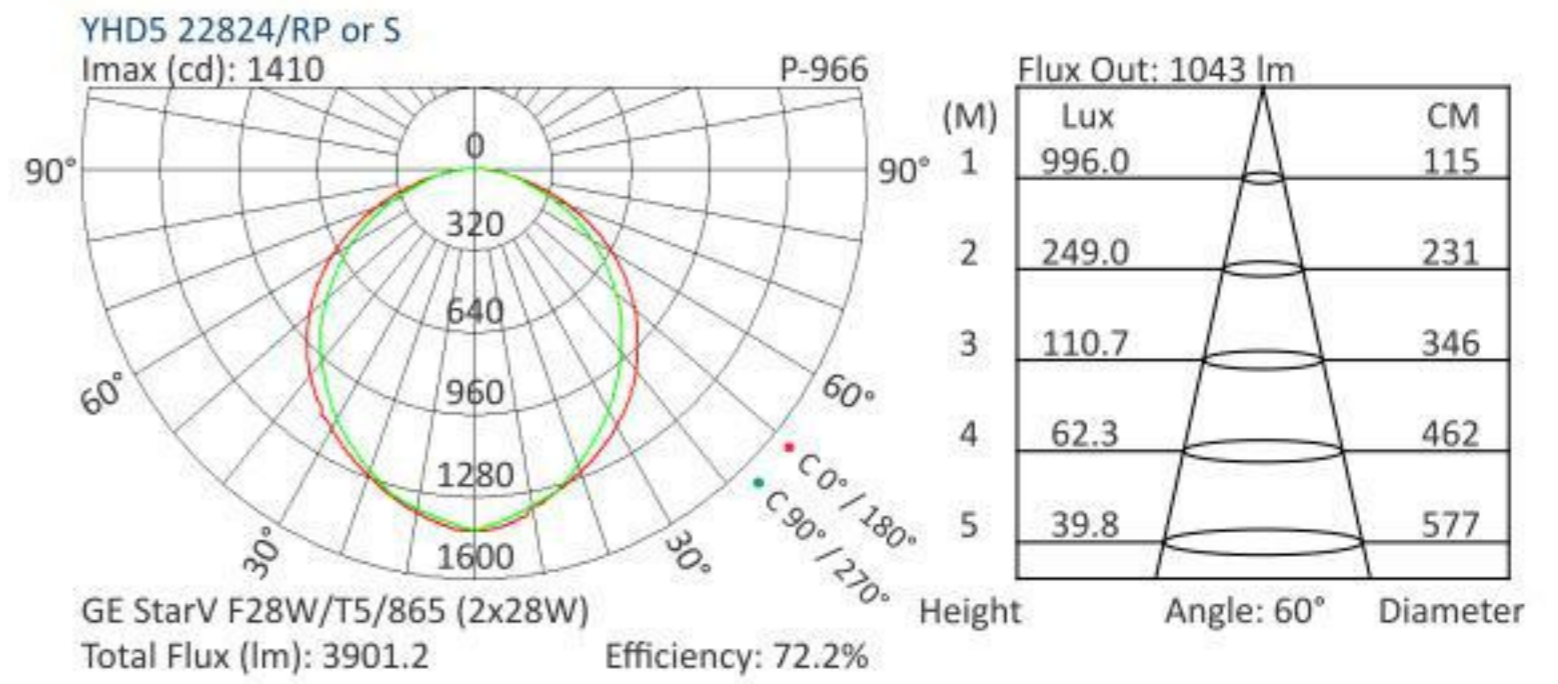
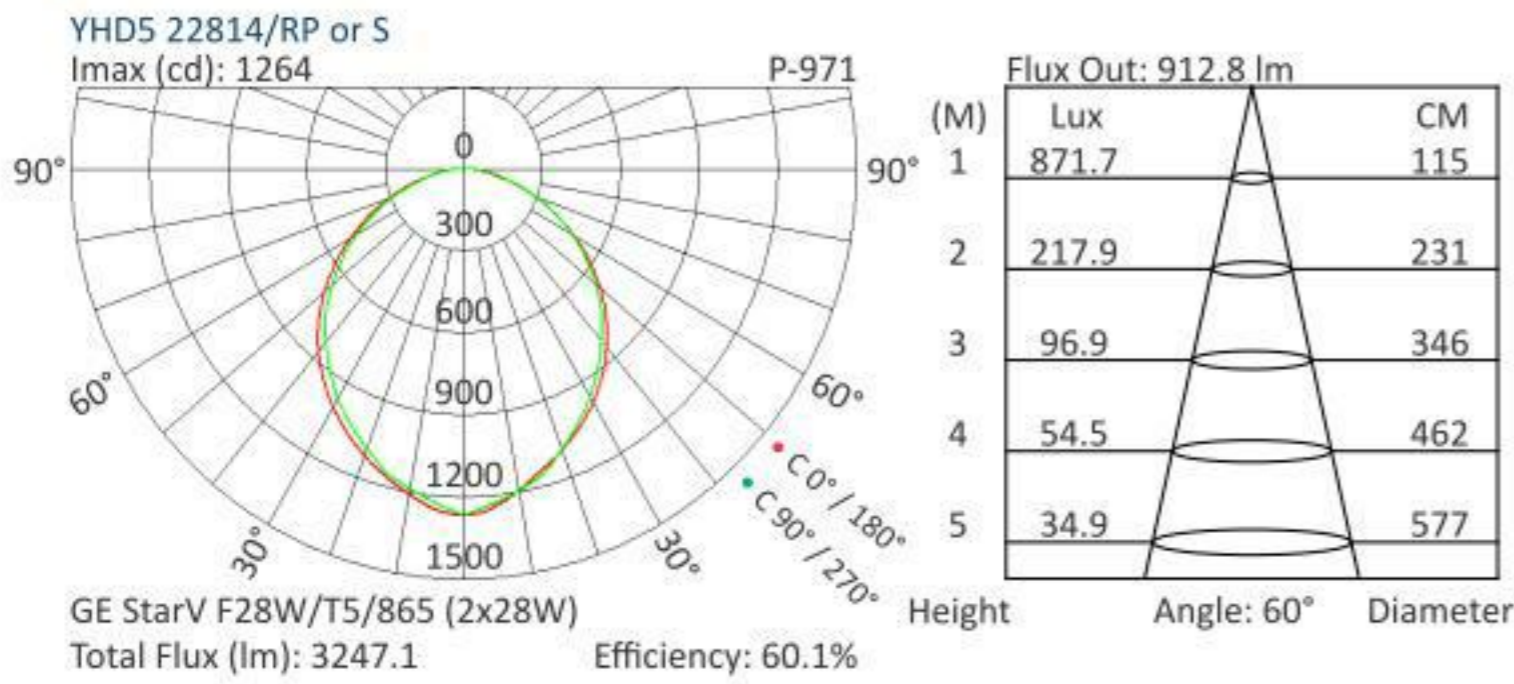
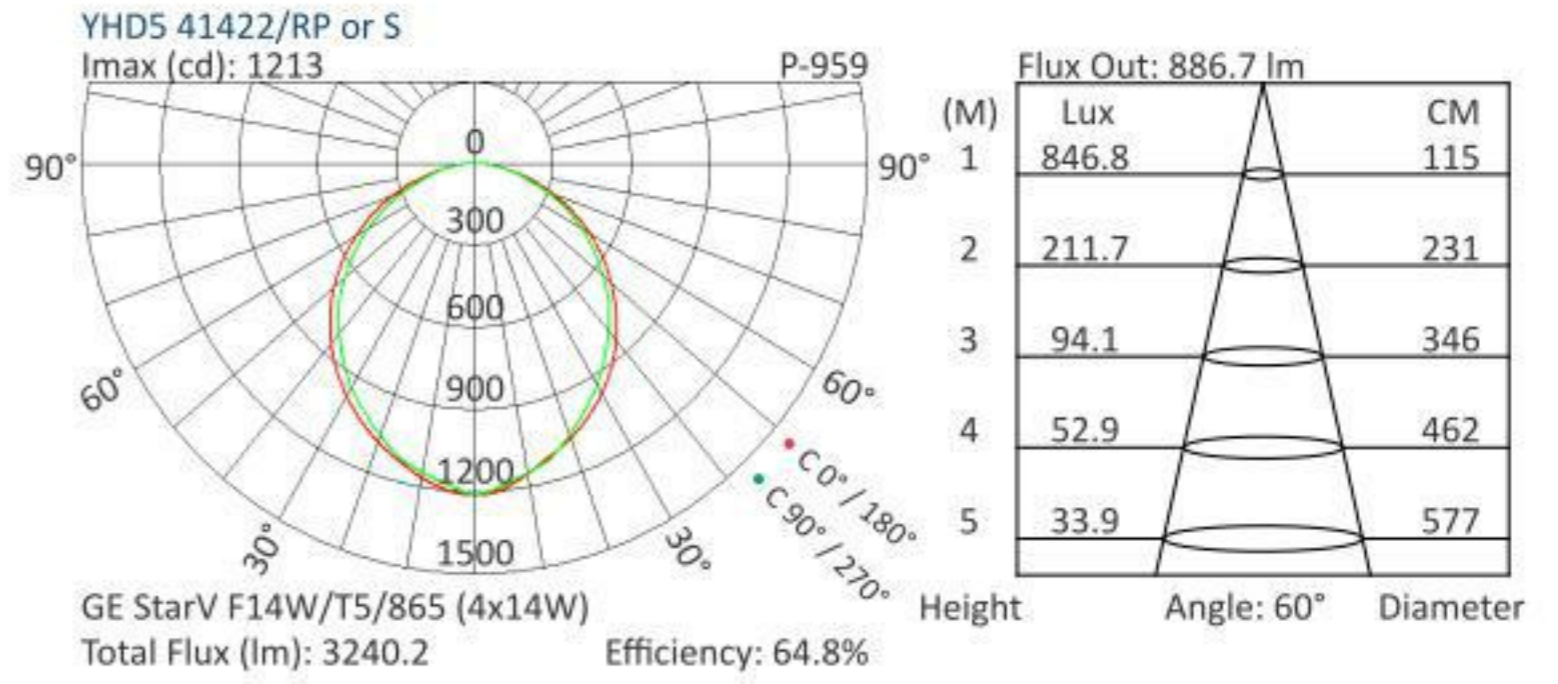
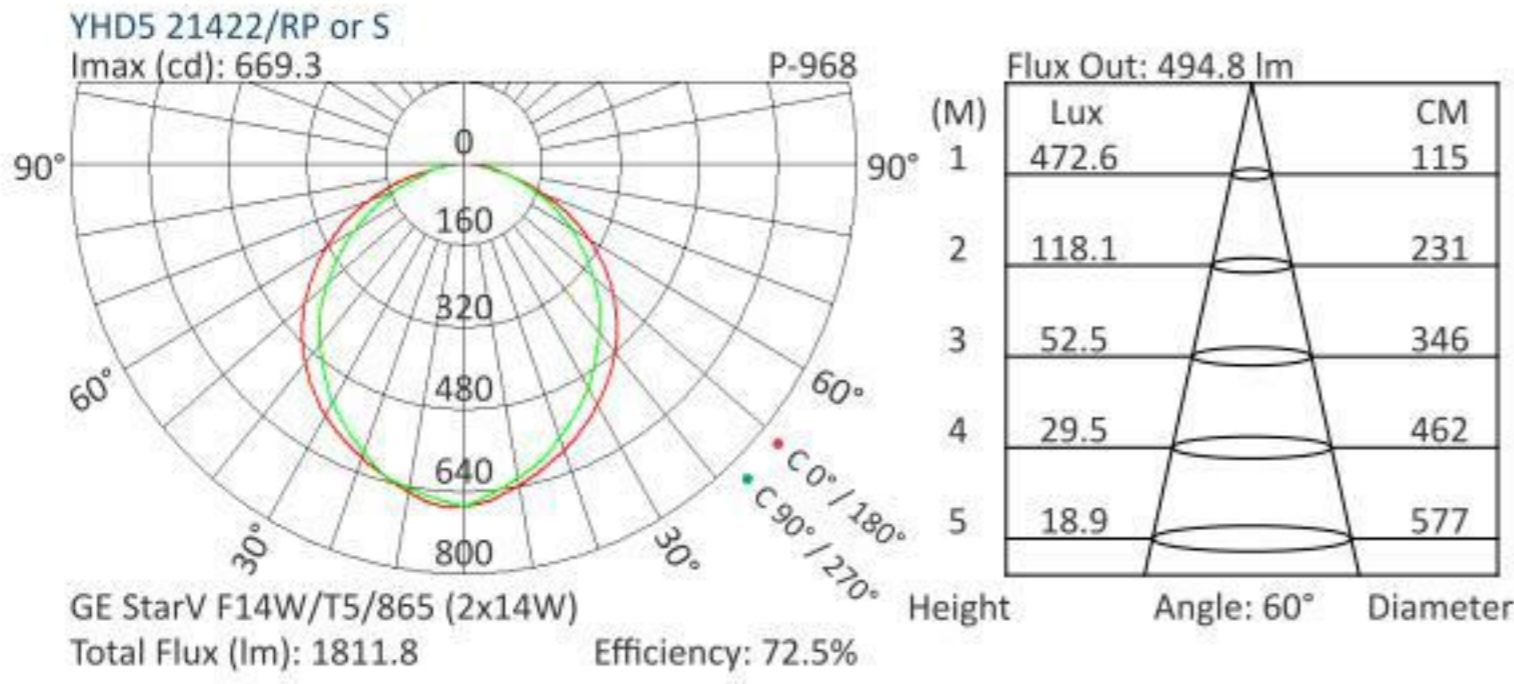
LUMINOUS INTENSITY DISTRIBUTION DIAGRAM & AAI CURVES

### LIGHT DISTRIBUTION

### AAI CURVES

### LIGHT DISTRIBUTION

### AAI CURVES







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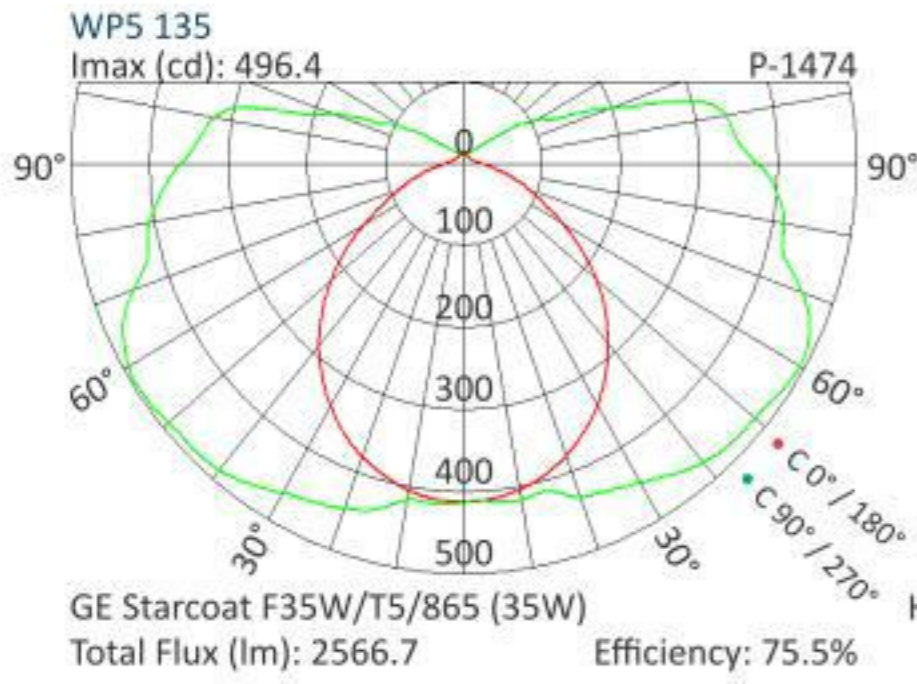
LUMINOUS INTENSITY DISTRIBUTION DIAGRAM & AAI CURVES

## LIGHT DISTRIBUTION

## AAI CURVES

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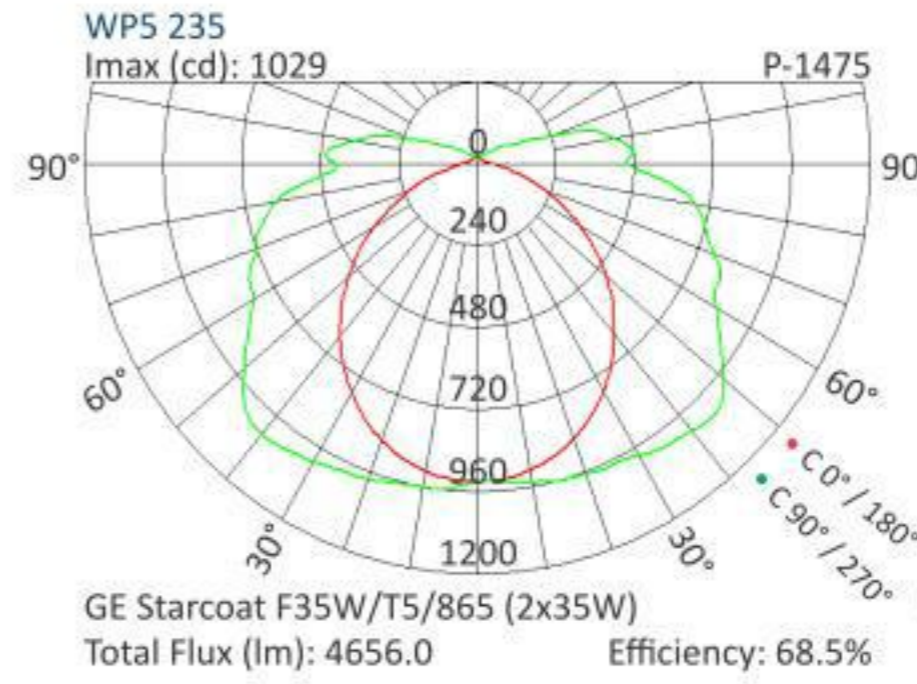
## AAI CURVES



Flux Out: 730.3 lm

(M)	Lux	CM
1	232.5	200
2	58.1	400
3	25.8	600
4	14.5	800
5	9.3	1000

Height Angle: 90° Diameter



Flux Out: 1623 lm

(M)	Lux	CM
1	516.6	200
2	129.2	400
3	57.4	600
4	32.3	800
5	20.7	1000

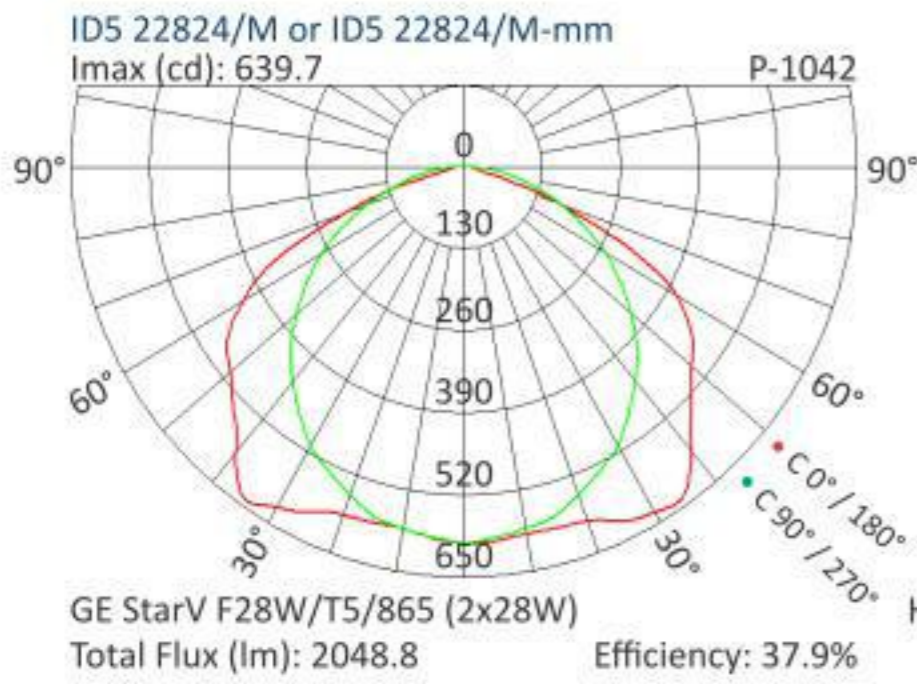
Height Angle: 90° Diameter

## LIGHT DISTRIBUTION

## AAI CURVES

## LIGHT DISTRIBUTION

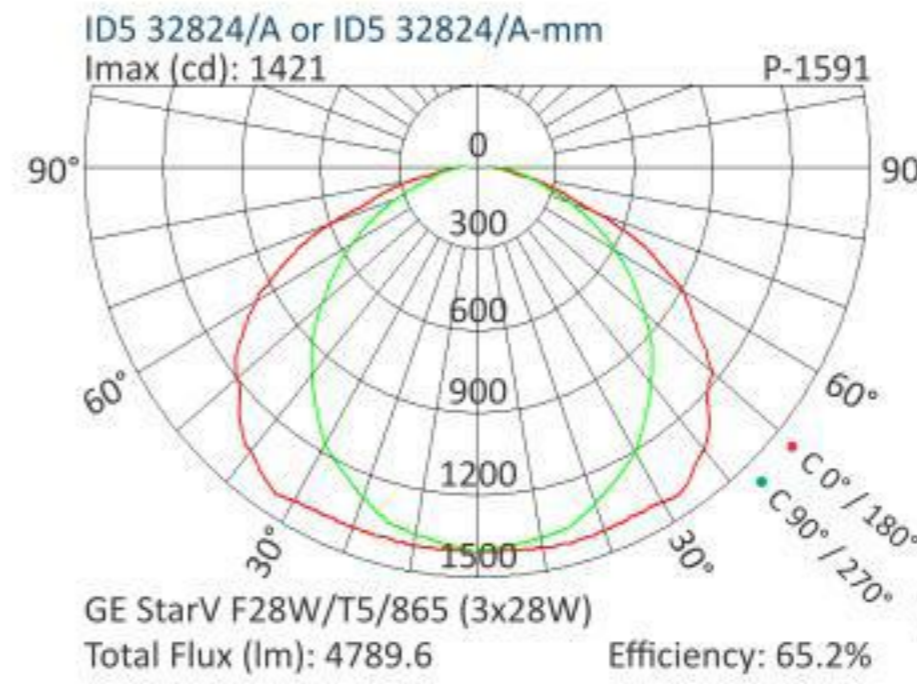
## AAI CURVES



Flux Out: 479.2 lm

(M)	Lux	CM
1	457.7	115
2	114.4	231
3	50.6	346
4	28.6	462
5	18.3	577

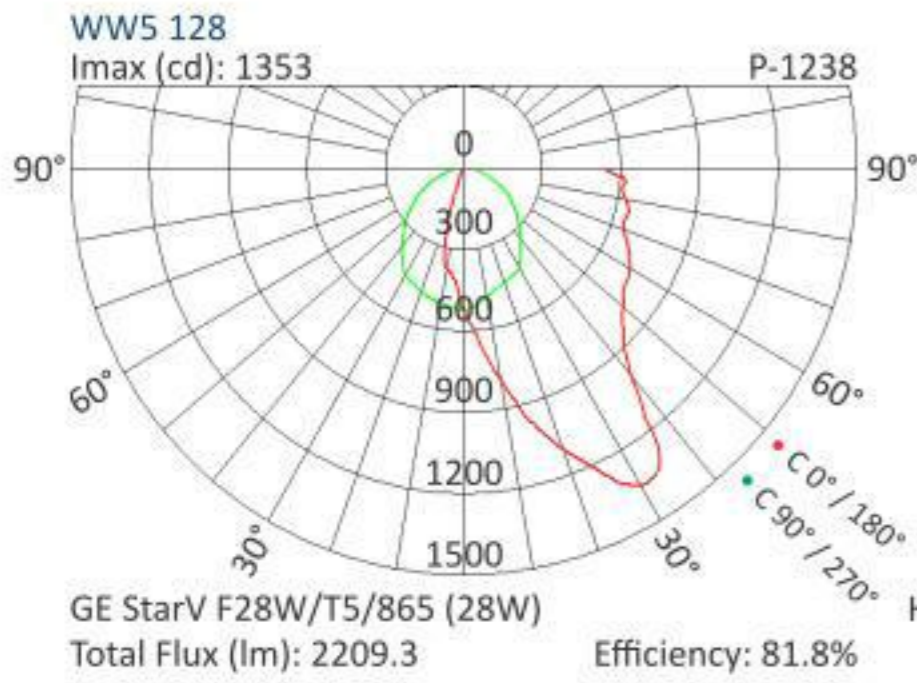
Height Angle: 60° Diameter



Flux Out: 1132 lm

(M)	Lux	CM
1	1081.4	115
2	270.4	231
3	120.2	346
4	67.6	462
5	43.3	577

Height Angle: 60° Diameter



Flux Out: 461.7 lm

(M)	Lux	CM
1	440.9	115
2	110.2	231
3	49.0	346
4	27.6	462
5	17.6	577

Height Angle: 60° Diameter





YLI  
Lighting

## MALAYSIA

### Corporate Head Office & Manufacture Base

#### YLI INDUSTRY SDN. BHD. (504654-U)

PT 14504, PERSIARAN BATU GAJAH PERDANA 6, TAMAN BATU GAJAH PERDANA, 31550 PUSING, IPOH, PERAK, MALAYSIA.  
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Email: info@yli-ind.com.my Website: www.yli-ind.com.my

#### VITALITE INDUSTRY SDN. BHD. (761755-P)

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TEL: +60-5-282 5227, 282 3227 FAX: +60-5-282 0227  
Email: www.vitalite@yli-ind.com.my Website: www.yli-ind.com.my

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#### UP-RIGHT MARKETING SDN. BHD. (571081-A)

##### IPOH - PERAK MAIN

PT 14504, PERSIARAN BATU GAJAH PERDANA 6, TAMAN BATU GAJAH PERDANA, 31550 PUSING, IPOH, PERAK, MALAYSIA.  
TEL: +60-5-366 6227 (Hunting Line), 366 4227, 365 4227 FAX: +60-5-366 1227  
Email: info.upr@yli-ind.com.my Website: www.yli-ind.com.my

##### P.J. - SELANGOR BRANCH

NO. 26, JALAN PETALING UTAMA 8, TAMAN PETALING UTAMA, BATU 7 JALAN KLANG LAMA, 460000 PETALING JAYA, SELANGOR, MALAYSIA.  
TEL: +60-5-366 6227 (Hunting Line), 366 4227, 365 4227 FAX: +60-5-366 1227  
Email: info.upr@yli-ind.com.my Website: www.yli-ind.com.my

##### J.B. - JOHOR BRANCH

NO. 17, JALAN BAKAWALI 52, TAMAN JOHOR JAYA, 81100 JOHOR BAHRU, JOHOR, MALAYSIA.  
TEL: +60-7-353 9227 FAX: +60-7-355 6227

##### BUTTERWORTH - PENANG BRANCH

NO. 7071, JALAN ONG YI HOW, KAWASAN INDUSTRI RINGAN TERAS JAYA, 13400 BUTTERWORTH, PENANG, MALAYSIA.  
TEL: +60-4-332 8227, 332 6227 FAX: +60-4-329 9227

##### KOTA KINABARU - SABAH BRANCH

LOT 82, LOK KAWI LIGHT INDUSTRIAL ESTATE, PHASE II, KM 19, JALAN PENAMPANG, PAPAR LAMA, LOK KAWI, KIUARUT, DISTRICT OF PAPAR, 89608 SABAH, MALAYSIA.  
TEL: +60-88-75 0227 FAX: +60-88-75 4227

##### MIRI - SARAWAK BRANCH

LOT 3523, PERMY TECHNOLOGY PARK, BANDAR BARU PERMYJAYA, 9800 MIRI, SARAWAK, MALAYSIA.  
TEL: +60-85-40 8227 FAX: +60-85-63 5227

##### TAWAU - SABAH BRANCH

LOT 344S, BANDAR SRI INDAH TAWAU, PHASE 2B, MILE 10, JALAN APAS, 91000 TAWAU, SABAH, MALAYSIA.  
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