

AA N D AW A C AA W

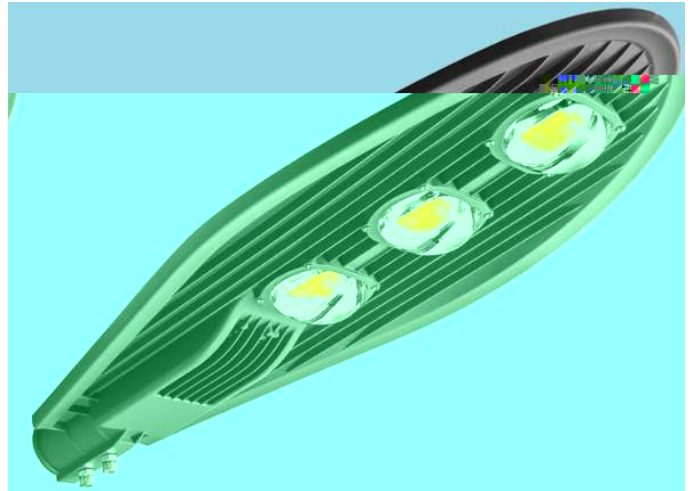
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AA N D AW A C AA W

AA A A

AA N D A G  A W A

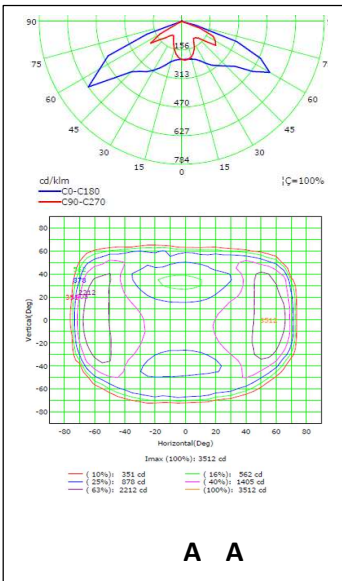




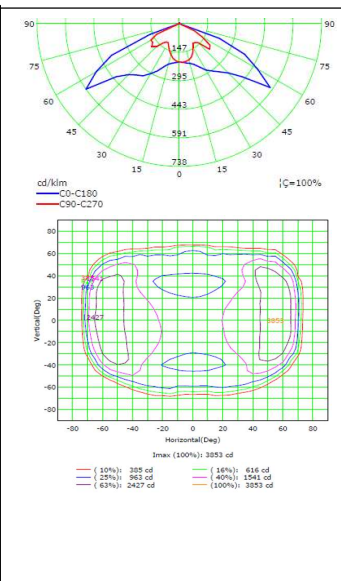
Encaixe liso com $\varnothing$ de 48 m/m para ponta de braço com $\varnothing$ de 20 a 44 m/m.

Encaixe liso com $\varnothing$ de 60 m/m, para ponta de braço com $\varnothing$ de 30 a 58 m/m

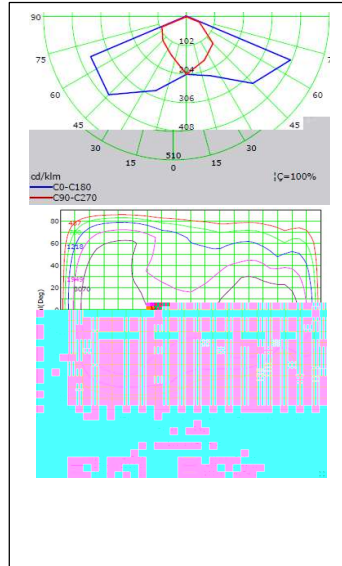
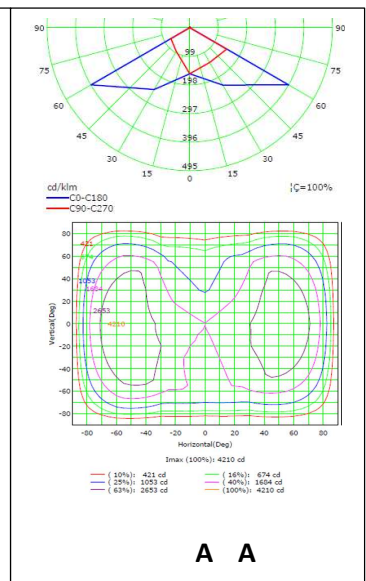
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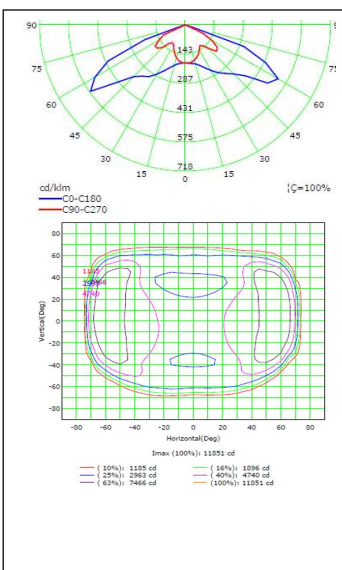
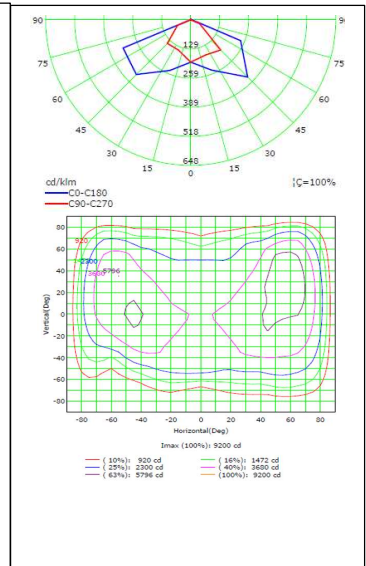
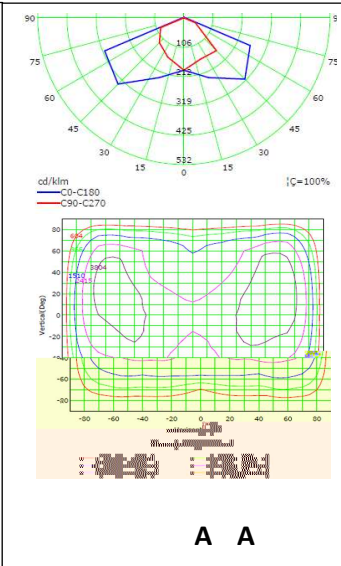
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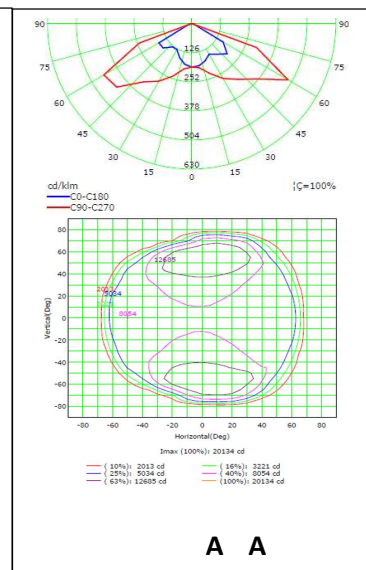
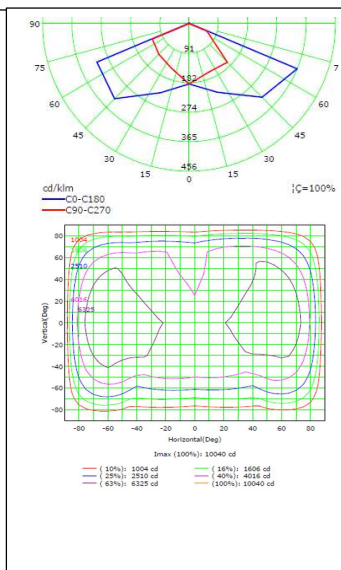
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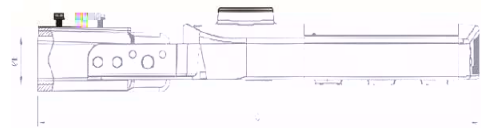
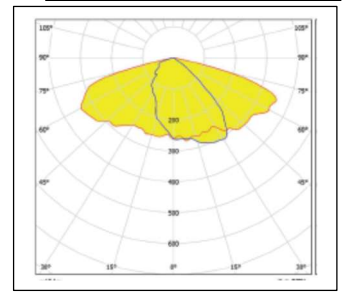


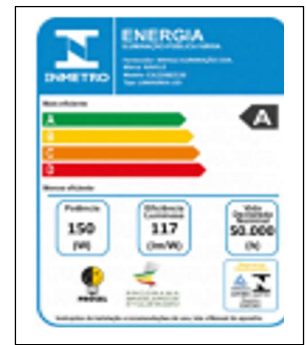
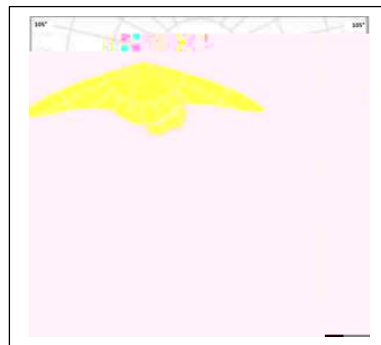
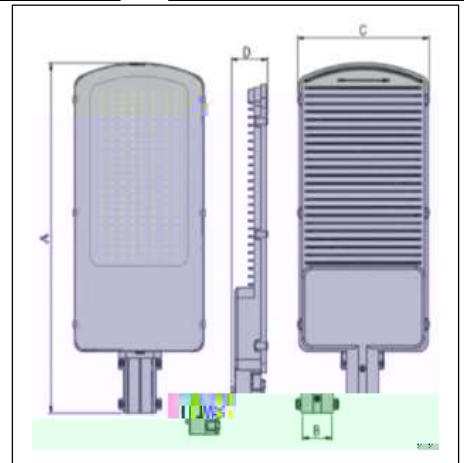
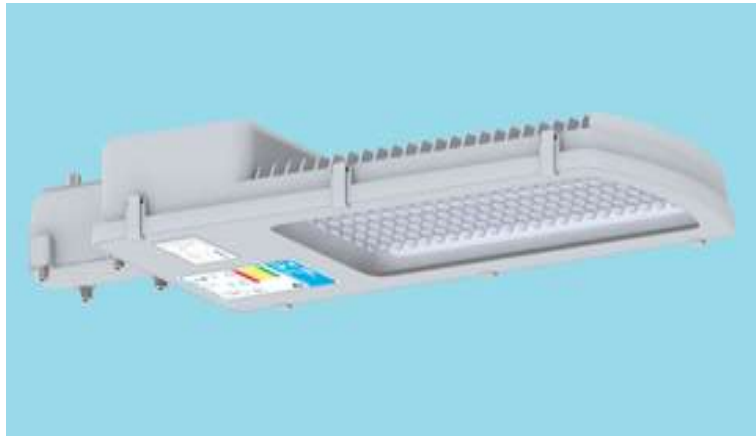
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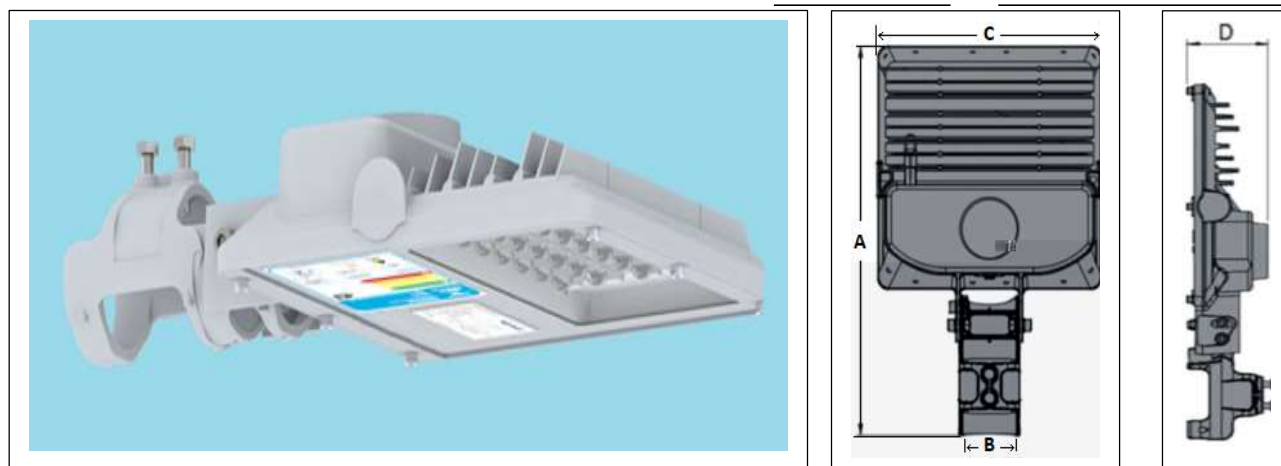


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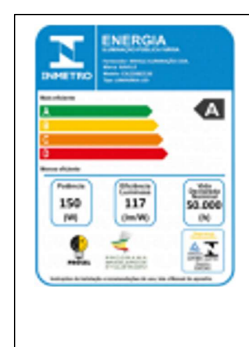
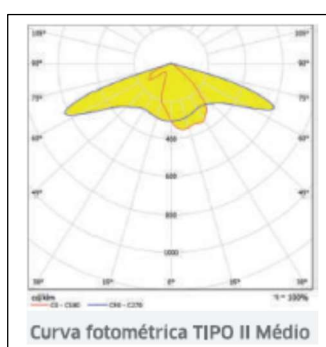
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Corpo e Suporte de fixação em liga de alumínio injetado sob alta pressão; dissipador em alumínio integrado ao corpo com excelente dissipação de calor; Suporte de fixação para instalação na posição horizontal com encaixe liso **C** de Ø 48,30 a 60,30mm sem ajuste do grau de inclinação; Acabamento em tinta epóxi cinza claro (Munsell N 6,5) a pedido nas cores branco ou preto; Vidro temperado incolor resistente a choque térmico e proteção contra impactos e choque térmico IK08; Fonte de luz composta por módulos de LEDs de alta potência e eficiência luminosa; IRC 70 Temperatura de Cor 5000K Luz Branca; Lente em PMMA de alta eficiência com proteção anti-UV e anti-amarelamento, contra impactos IK08, com fecho de luz simétrica tipo Médio (FxM 120º) , Fonte de alimentação IP-66 108/305VAC, AFP 0,95, PS de 10Kv. 12KA Temperatura de Operação entre -40°C a +55°C. Grau de Proteção IP-66, Vida Útil 50000Hs, L70, Garantia 5 anos.

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em Braços, Postes curvos ou Reto com Suporte Central para 1, 2, 3 ou 4 pétalas.

Na iluminação de estradas, rodovias, avenidas, ruas, pontes, viadutos, parques, estacionamentos etc.

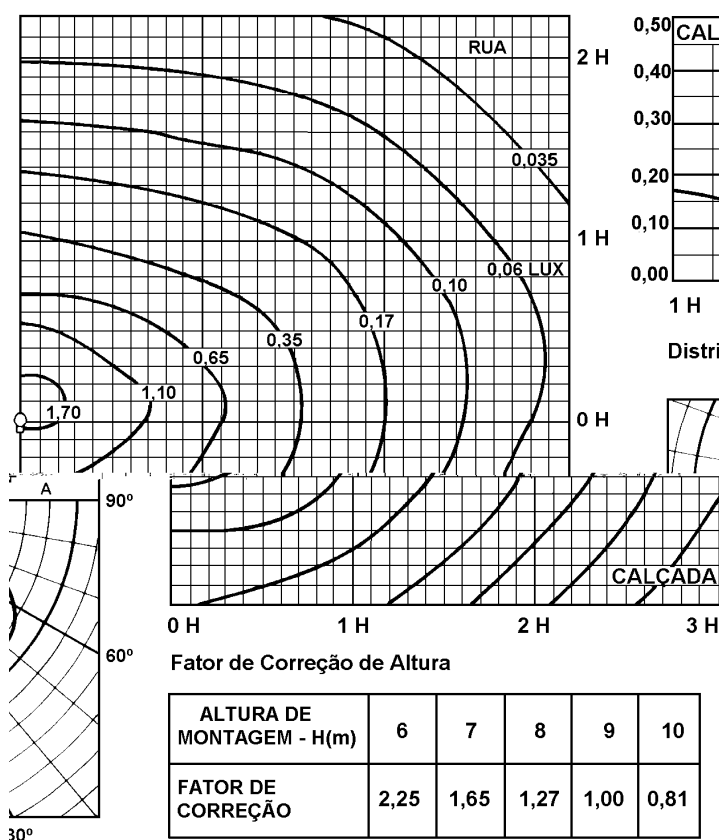




CURVA FOTOMETRICA

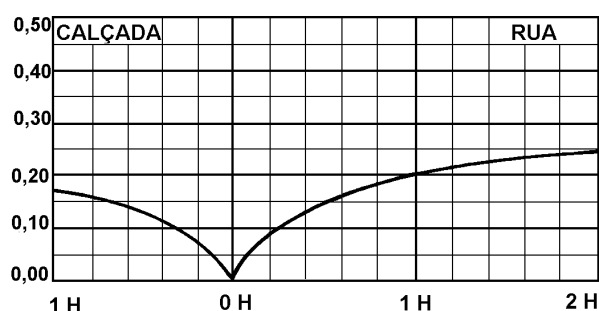
Isolux para 1000 Lumens

H = 9 m

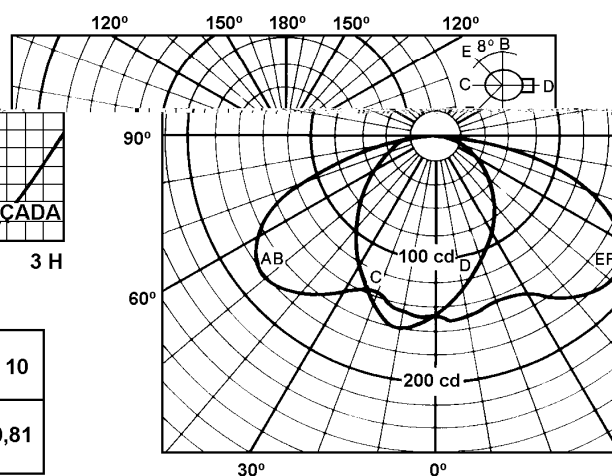


Inclinação 15°

Fator de Utilização



Distribuição de Luz para 1000 Lumens





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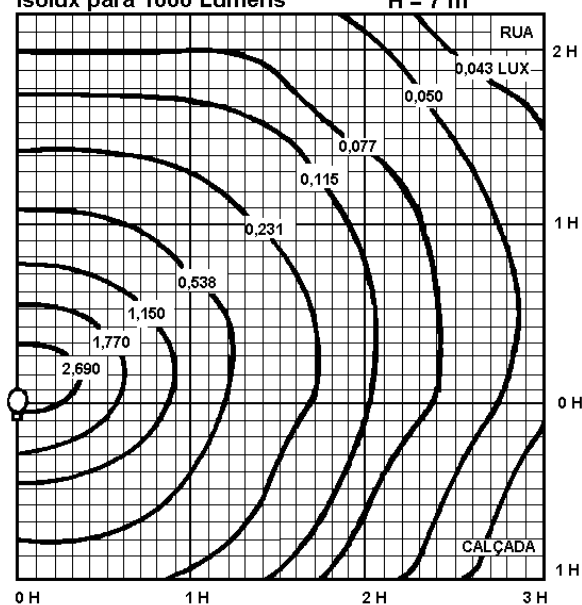
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CURVAS FOTOMETRICA

Lâmpada Mercurio de 250W

Isolux para 1000 Lumens

H = 7 m

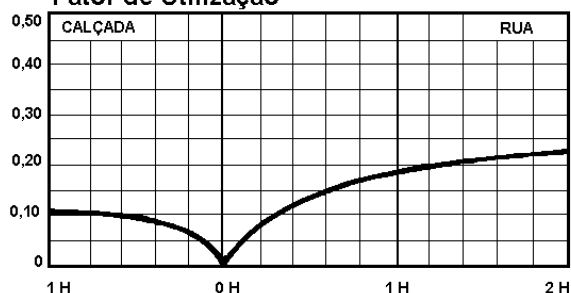


Fator de Correção de Altura

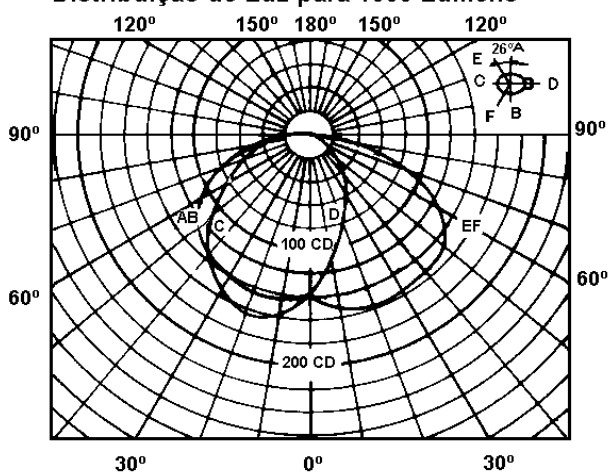
Altura de Montagem - H (m)	10	9	8	7	6
Fator de Correção	0,49	0,60	0,76	1	1,36

Inclinação 15°

Fator de Utilização



Distribuição de Luz para 1000 Lumens





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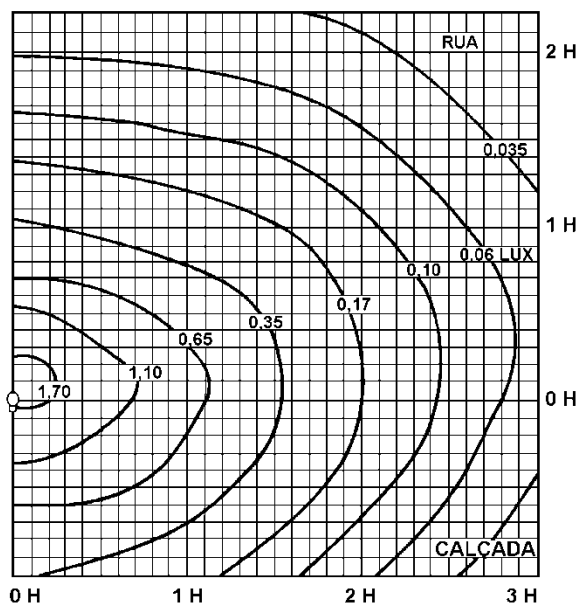
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CURVA FOTOMETRICA

Isolux para 1000 Lumens

H = 9 m

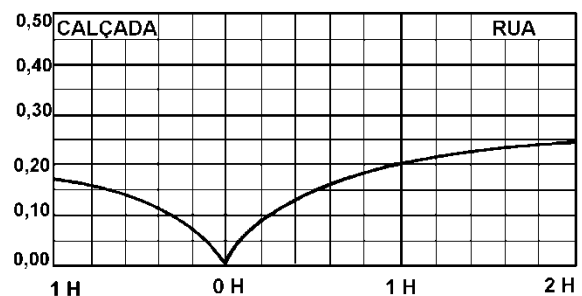


Fator de Correção de Altura

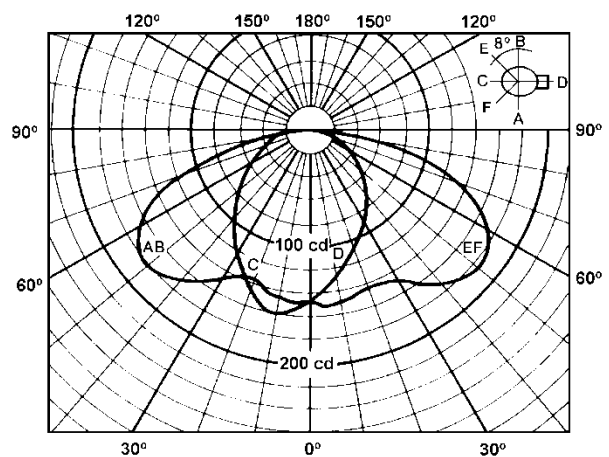
ALTURA DE MONTAGEM - H(m)	6	7	8	9	10
FATOR DE CORREÇÃO	2,25	1,65	1,27	1,00	0,81

Inclinação 15°

Fator de Utilização



Distribuição de Luz para 1000 Lumens

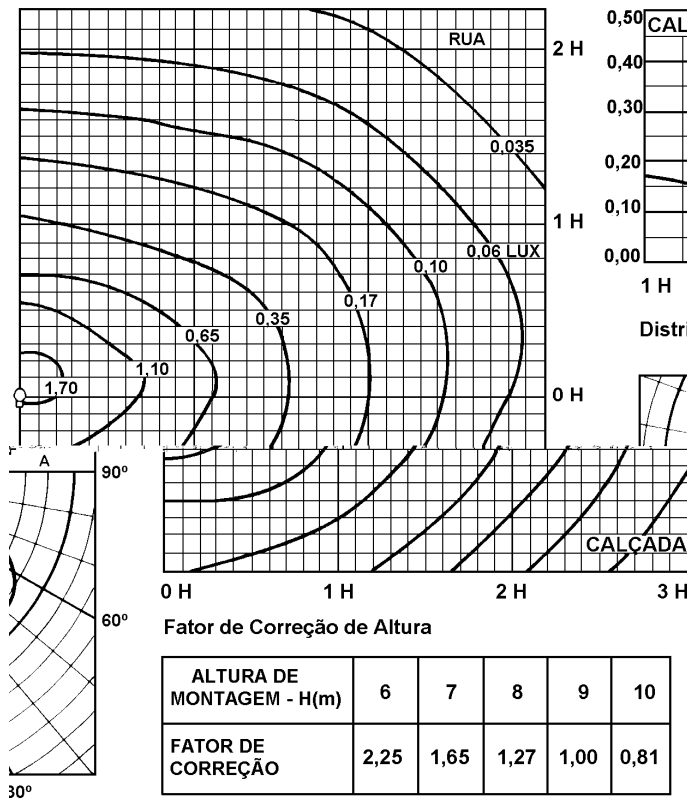




CURVA FOTOMETRICA

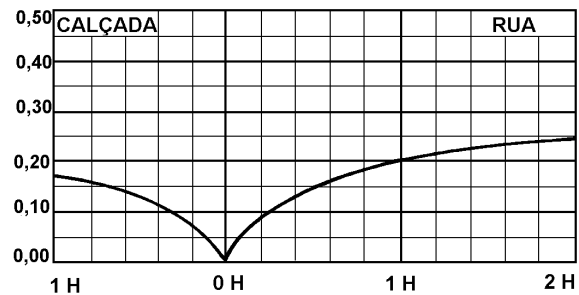
Isolux para 1000 Lumens

H = 9 m

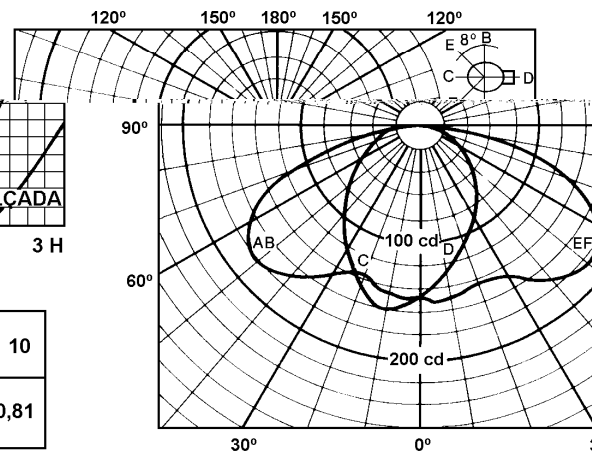


Inclinação 15°

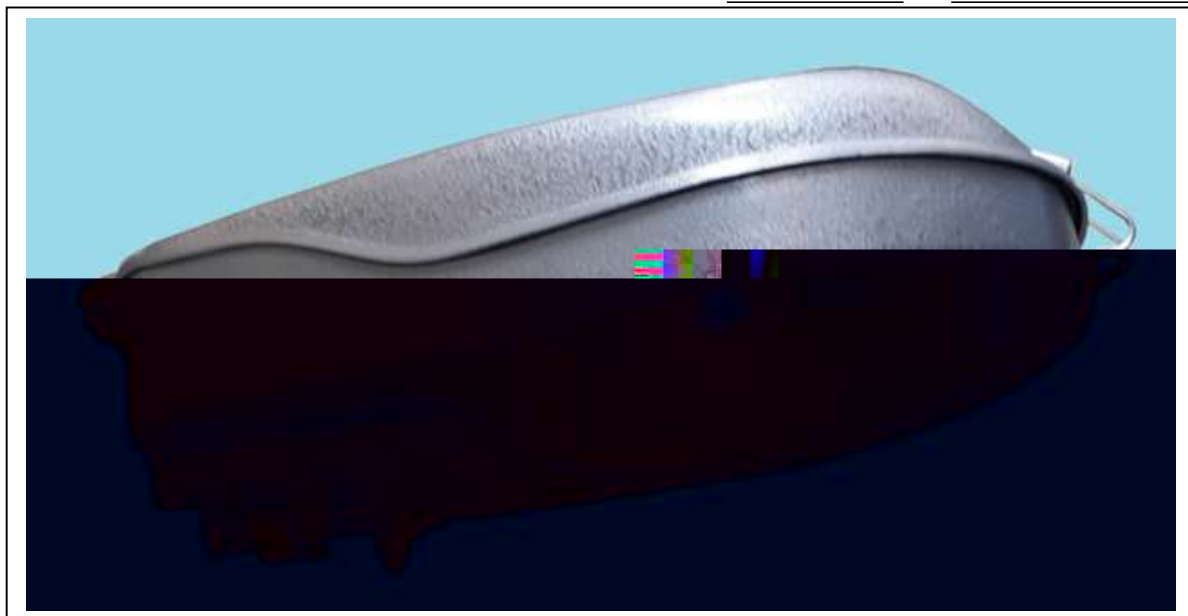
Fator de Utilização



Distribuição de Luz para 1000 Lumens







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Corpo e tampa em liga de alumínio copper free, acabamento com pintura em esmalte cinza martelado de alta resistência; corpo superior com abertura basculante para cima com grande facilidade de acesso aos equipamentos elétricos; refletor em alumínio estampado prismático e anodizado brilhante de alta refletância; lente plana de cristal temperado de alta resistência a choque térmico, fechamento através de fecho de pressão de ação manual, hermeticamente fechado por juntas vedadoras em borracha de silicone de alta resistência ao calor e envelhecimento; Corpo óptico com grau de Proteção IP-65; soquete em porcelana vitrificada com rosca E-27 ou E-40, dotado de sistema antivibratório; fiação em cabo flexível de 1,5 m/m² com isolamento em silicone de alta resistência térmica; sistema de fixação à ponta de braço através abraçadeiras externa ajustáveis a diâmetros de 48,30 a 60,30 m/m.

Na iluminação de vias públicas, pátios de estacionamento e outras áreas.

A	 AA	W
Comprimento	470	
Largura	240	
Altura	160	
Peso (Kg.)	7,000 (sem equipamento elétrico)	

Braços, ou adaptadores para postes retos, e ou postes curvos com ponteira de 48,30 a 60,30 m/m de diâmetro, e altura entre 6 a 15 metros.

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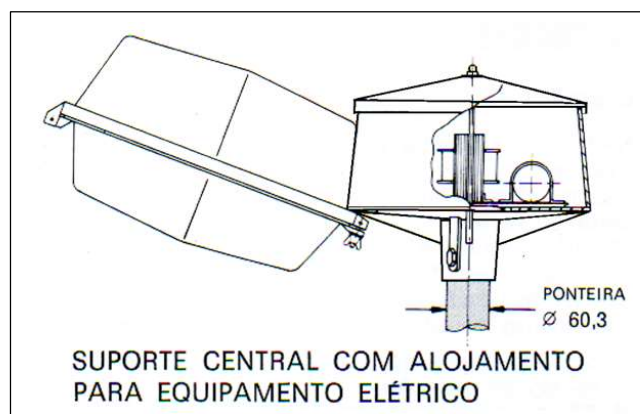
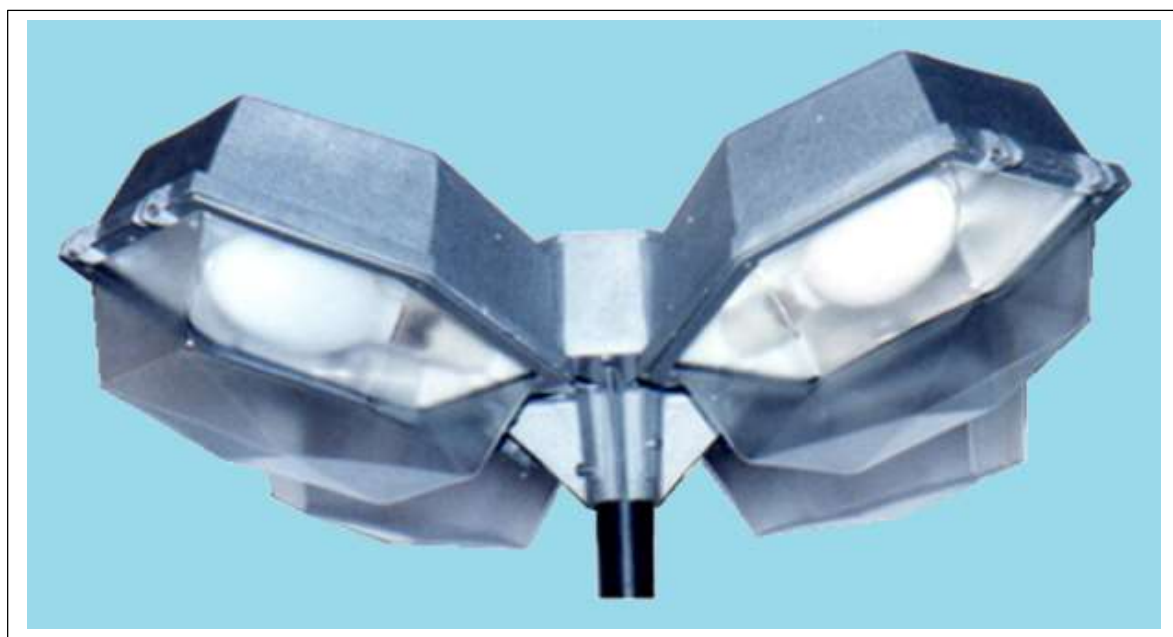
Corpo e tampa em liga de alumínio Copper free, acabamento com pintura na cor cinza de alta resistência; corpo superior com abertura basculante para cima com grande facilidade de acesso aos equipamentos elétricos; refletor em alumínio estampado prismático e anodizado brilhante de alta refletância; lente plana de cristal temperado de alta resistência a choque térmico, fechamento através de fecho de pressão de ação manual, hermeticamente fechado por juntas vedadoras em borracha de silicone de alta resistência ao calor e envelhecimento; Corpo ótico com grau de Proteção IP-65; soquete em porcelana vitrificada com rosca E-40, dotado de sistema antivibratório; fiação em cabo flexível de 1,5 m/m² com isolamento em silicone de alta resistência térmica; sistema de fixação à ponta de braço através abraçadeiras externa ajustáveis a diâmetros de 48,30 a 60,30 m/m.

Na iluminação de vias públicas, pátios de estacionamento e outras áreas.

A	 A A	W
Comprimento	670	
Largura	325	
Altura	180	
Peso (Kg.)	8,000 (sem equipamento elétrico)	

Braços, ou adaptadores para postes retos, e ou postes curvos com ponteira de 48,30 a 60,30 m/m de diâmetro, e altura entre 6 a 15 metros.

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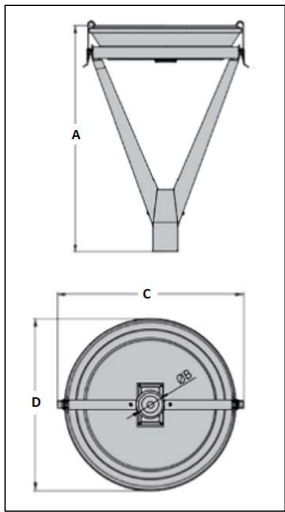


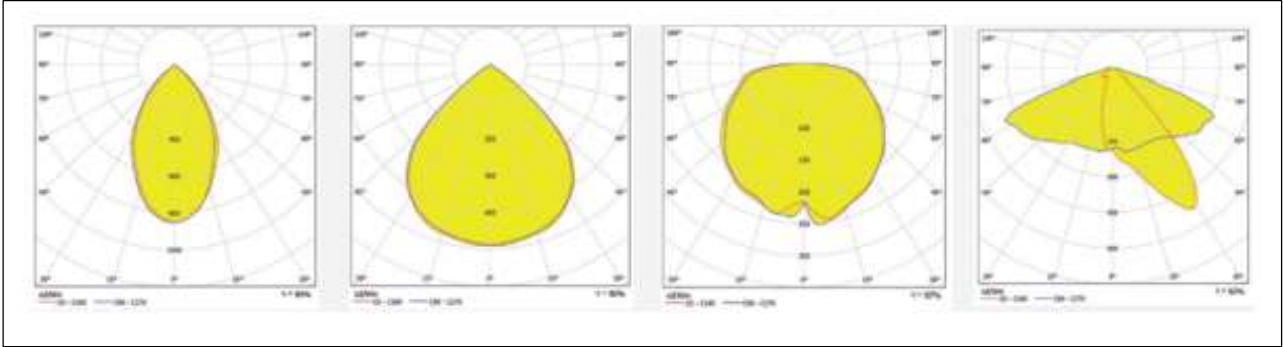
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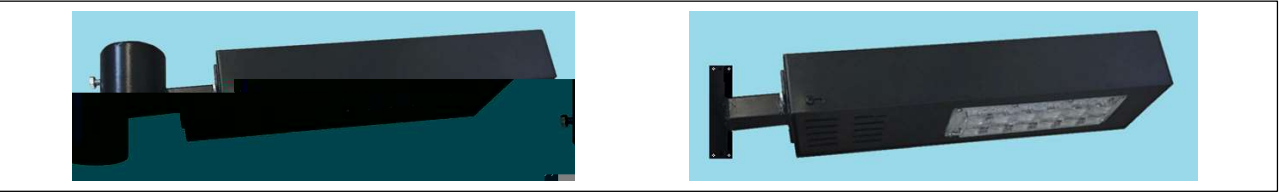


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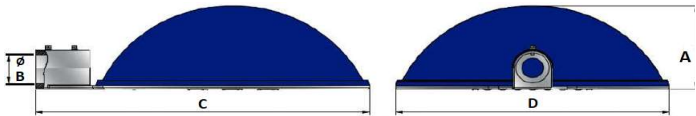
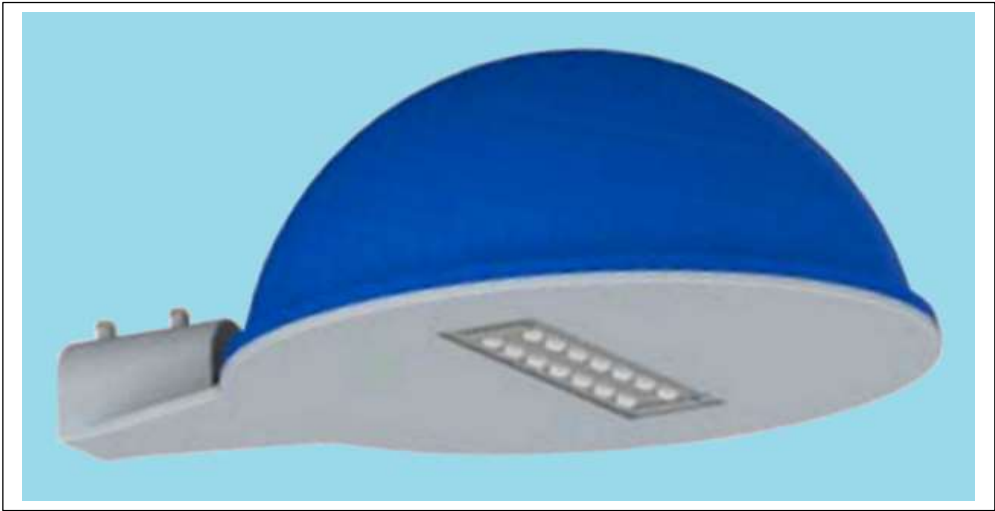


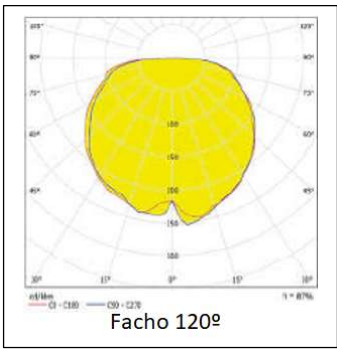
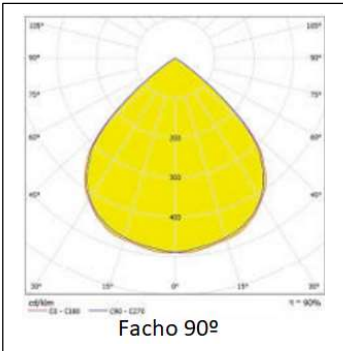
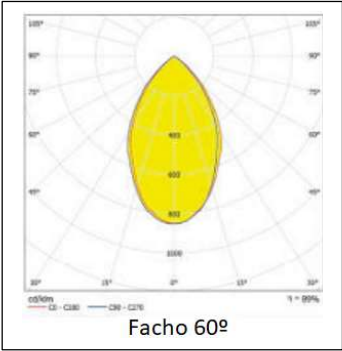




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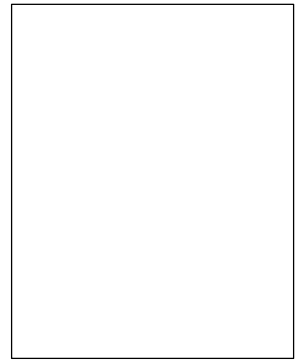
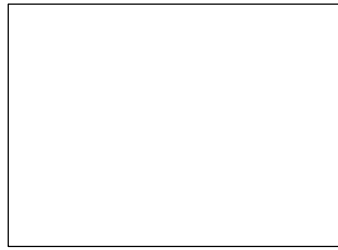






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Difusor esférico confeccionado em polietileno branco leitoso de alta resistência a impacto, e aditivado contra a ação dos raios ultravioleta; suporte de fixação perpendicular, em liga de alumínio fundido, com encaixe para tubo com diâmetro interno de 25,4 mm; soquete de porcelana vitrificada com rosca E-27 ou E-40 com sistema antivibratório; fiação em cabo flexível de 1,5 m/m².

	A	ID – 397/1	ID – 397/2
Diâmetro		380	500
Altura		460	580
A		2,300	3,000

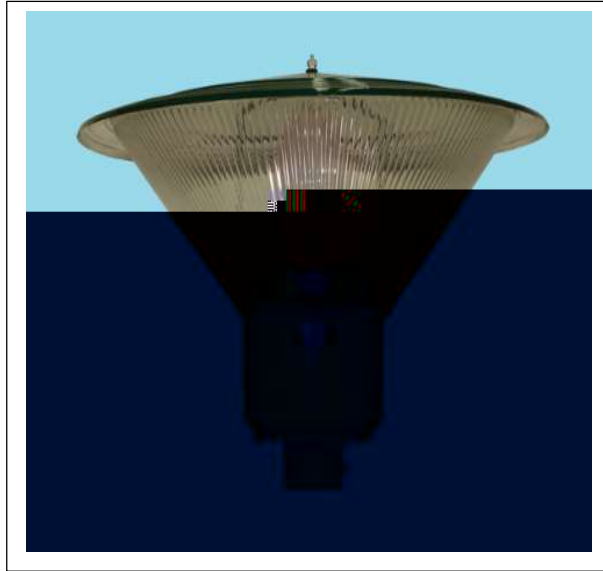
em postes com braços do tipo PO – 137 formando conjuntos de 1, 2, 3 ou 4 braços, com altura de 3 a 5 metros.

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	A	PL-EL	Bulbo LED
ID - 397/1		45	20
ID - 397/2		85	45



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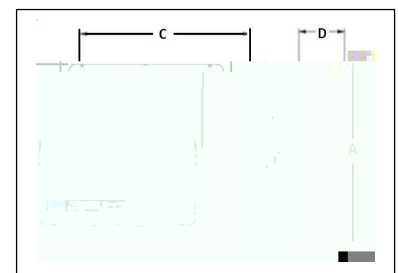
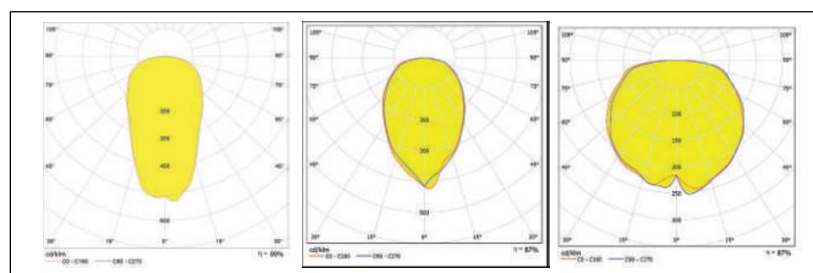
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A A A W A

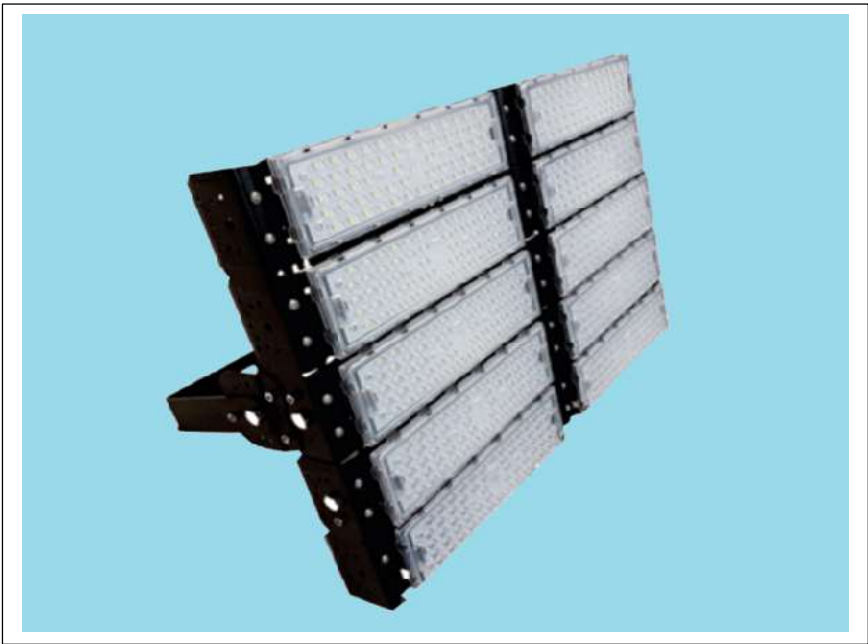


ACorpo, aro, alojamento e tampa em liga de alumínio copper-free, com acabamento em epóxi na cor cinza claro Munsell N6.5, disponível também, a pedido, nas cores preto e ou branco; parafusos e arruelas em aço inox ; refrator em cristal plano temperado com proteção de alta resistência a choque térmico, ou em Policarbonato de alta resistência a impacto; vedação em borracha de silicone de alta resistência a envelhecimento; entrada da fiação de alimentação através de prensa-cabo de 3/8" BSP; suporte de fixação e articulação horizontal/vertical, em aço galvanizado a fogo, . Fonte de luz composto por bloco de LEDs de alta potência luminosa, temperatura de cor 5000K, vida útil estimada de 100.000h mantendo 70% do rendimento inicial; Temperatura de operação entre -40°C e +55°C; Abertura padrão de fecho de 90°, podendo a pedido ser fornecido para 60° e 120°; Driver para alimentação do sistema com grau de proteção e proteção contra surto 10KV- 12 KA.

A Prova de Tempo, Gases, Vapores, Pó e Jatos d'água, é indicado para iluminação de fachadas, quadra esportiva, túneis, locais de altos índices de gases, umidade, vapores ou pós não inflamáveis; dotado de refrator em policarbonato é ideal para iluminação de grandes cabinas de jato de areia ou granalhas, sala limpa, ou linha de produção de indústria alimentícia.



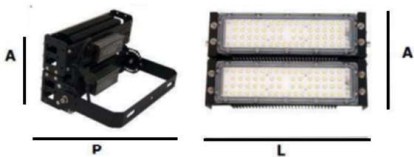




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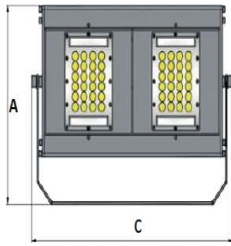
Corpo e suporte em chapa de alumínio, dissipador em alumínio extrudado com excelente dissipação de calor; acabamento em tinta epóxi na cor Preta; Suporte multi fixação e articulação horizontal/vertical em chapa de alumínio estampado e pintado na mesma cor do corpo; Fonte de luz composta por módulos contendo LEDs de alta potência e eficiência luminosa; IRC 70 Temperatura de Cor 5700K Luz Branca; Lente em PMMA de alta eficiência com proteção anti-UV e anti-amarelamento com fecho de luz simétrica de 60º ou 90º. Temperatura de Operação entre - 40ºC a +55ºC. Grau de Proteção IP-66, Vida Útil de 50.000h, Garantia de 3 anos.

A	A A	W A	G A	A A	AA A	AA AAAA	A A
A	50 W	100/265	5.500	150 W	60/90/120º	88x315x227	1,000
A	100 W	100/265	11.000	250 W	60/90/120º	176x315x227	2,000
A	150 W	100/265	16.500	400 W	60/90/120º	264x315x227	3,000
A	200 W	100/265	22.000	500 W	60/90/120º	352x315x227	4,000
A	250 W	100/265	27.500	600 W	60/90/120º	440x315x227	5,000
A	300 W	100/265	33.000	1000 W	60/90/120º	528x315x227	6,000

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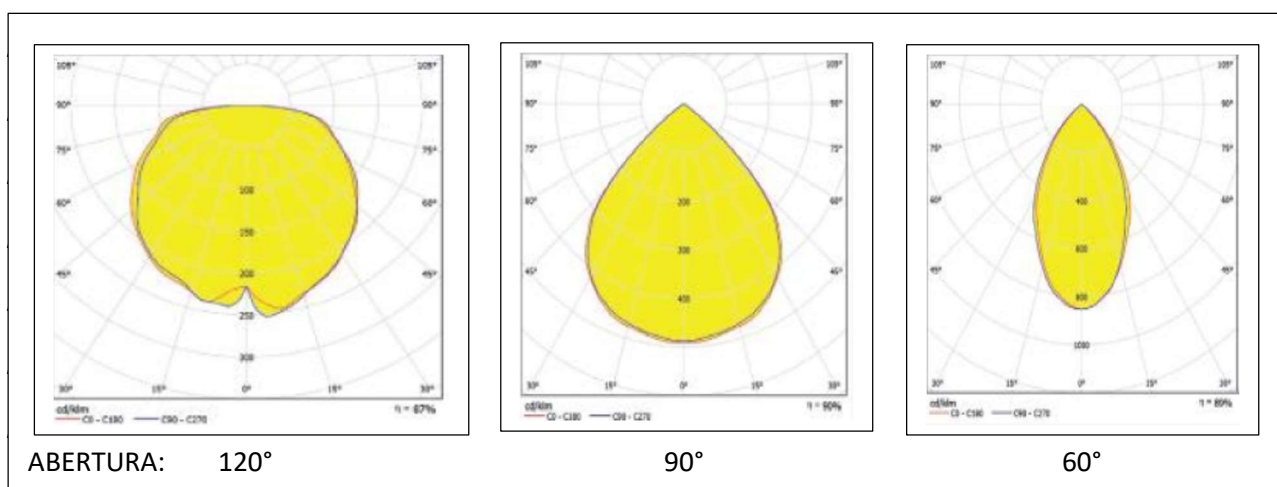
no solo, em poste reto através de cruzetas ou plataformas, marquises ou torres.

Na iluminação de fachadas, quadras poliesportivas, áreas de estacionamento, ou, iluminação que exija acendimento imediato, (emergência ou vigia).

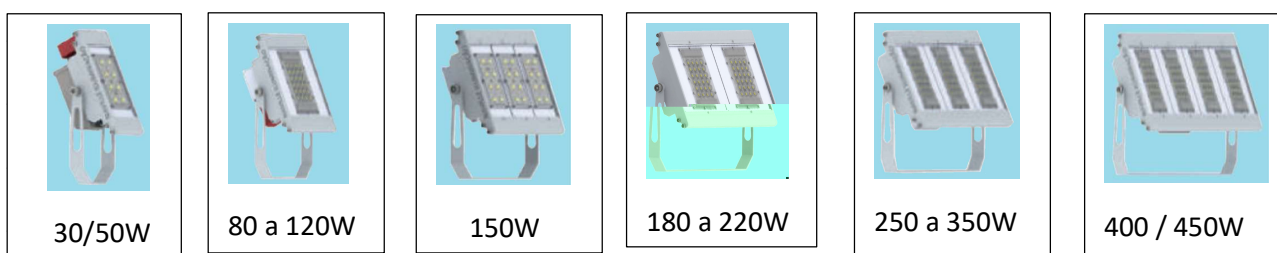
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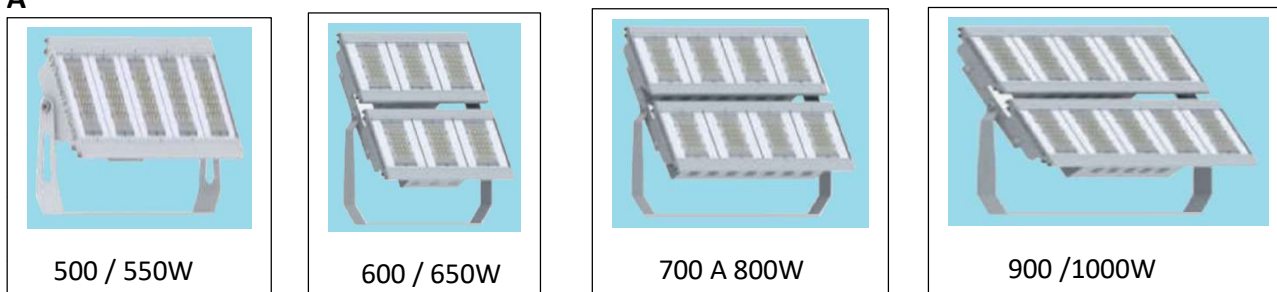
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N D A AN A



A



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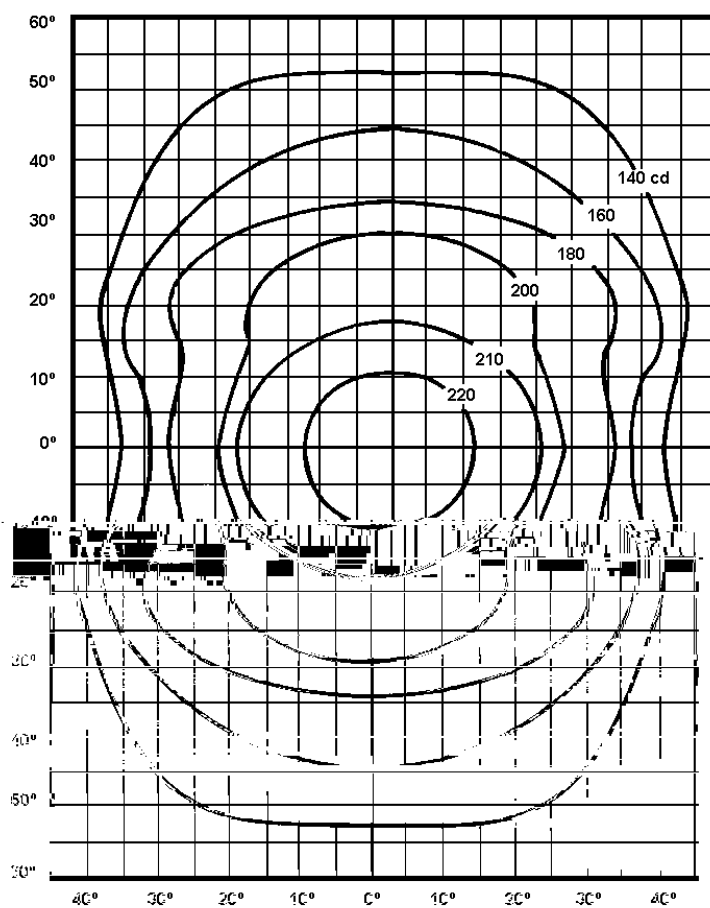
no solo, em poste reto através de cruzetas ou plataformas, marquises ou torres.

Na iluminação de fachadas, quadras poliesportivas, campo e minicampo, áreas de estacionamento, ou, iluminação que exija acendimento imediato, (emergência ou vigia).

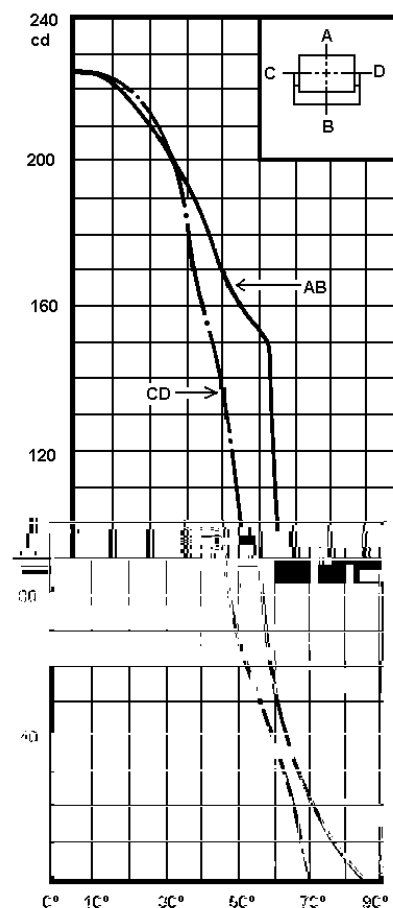


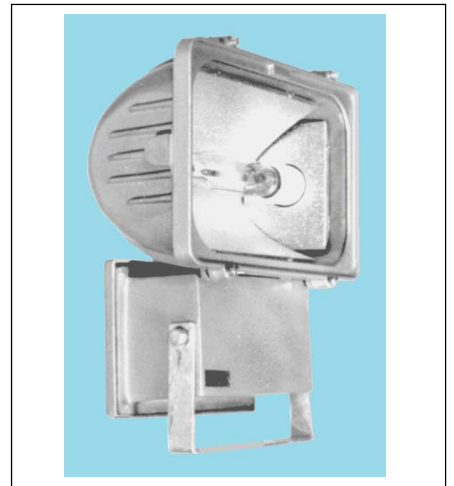
Curvas Fotométrica para 1000 Lumens
Lâmpada a Vapor de Sódio de 400W Bulbo Tubular

ISOCANDELA



DISTRIBUIÇÃO DE LUZ





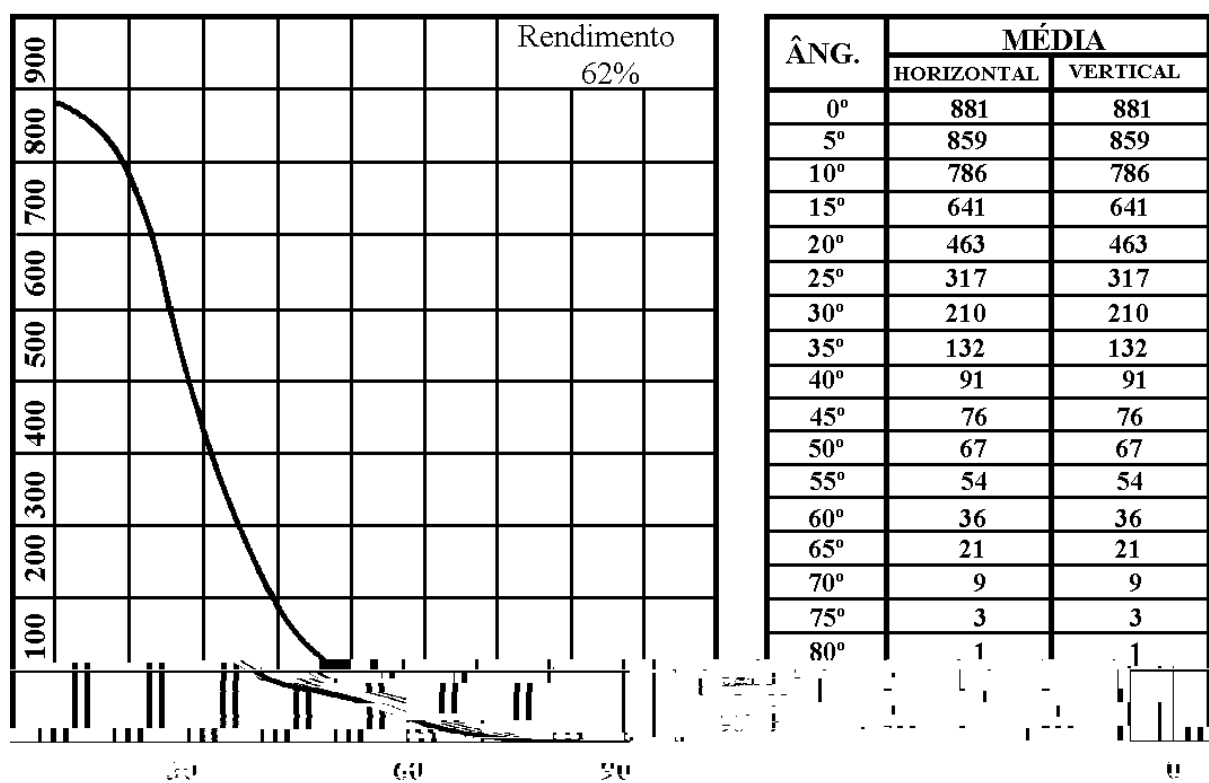






CURVA FOTOMÉTRICA

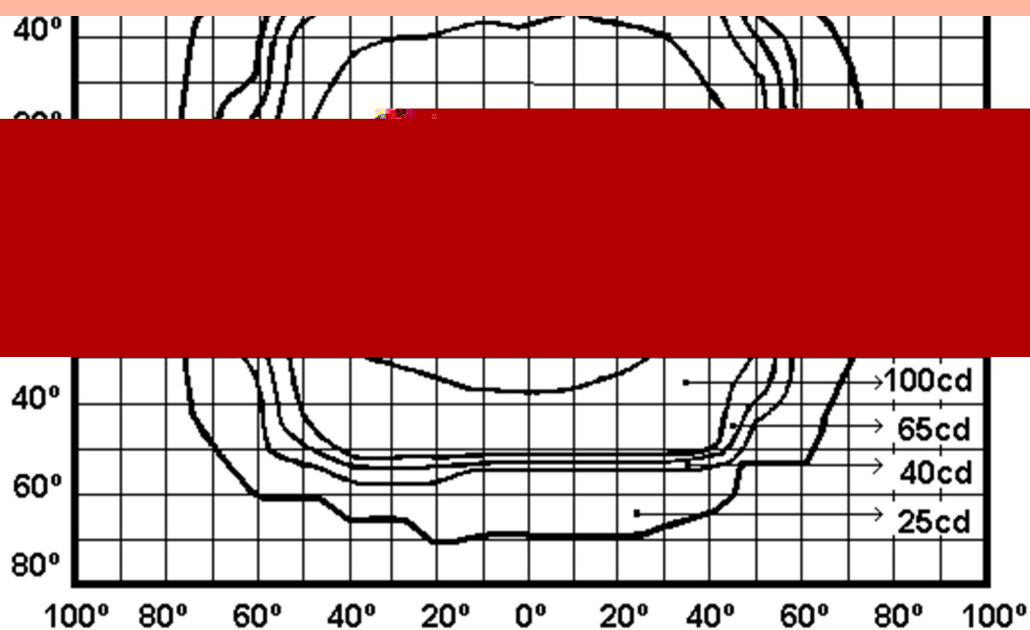
CURVA DE DISTRIBUIÇÃO PARA 1000 LUMENS



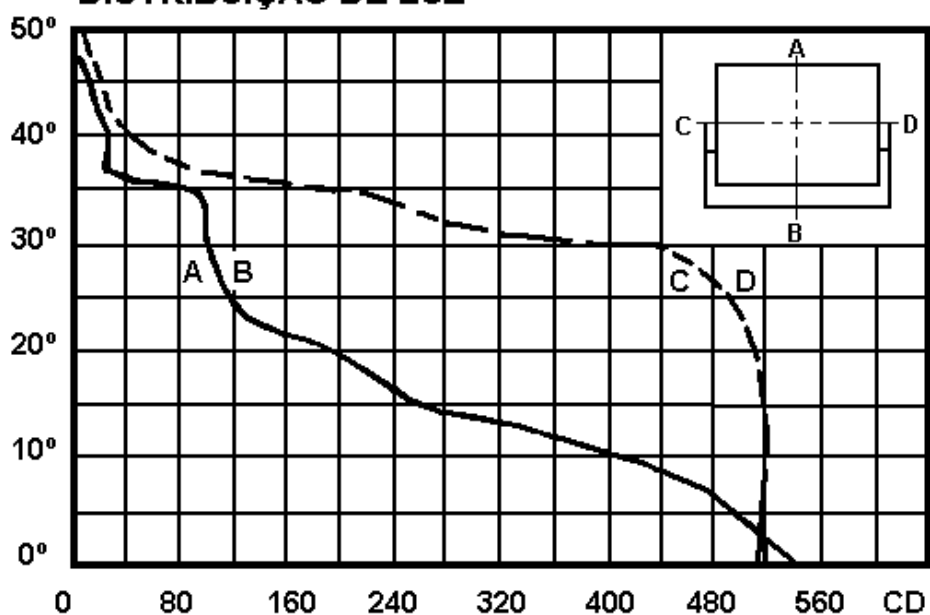


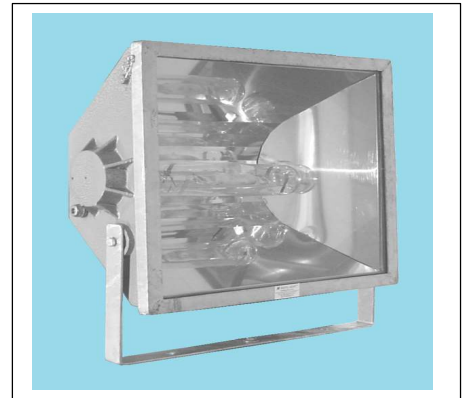
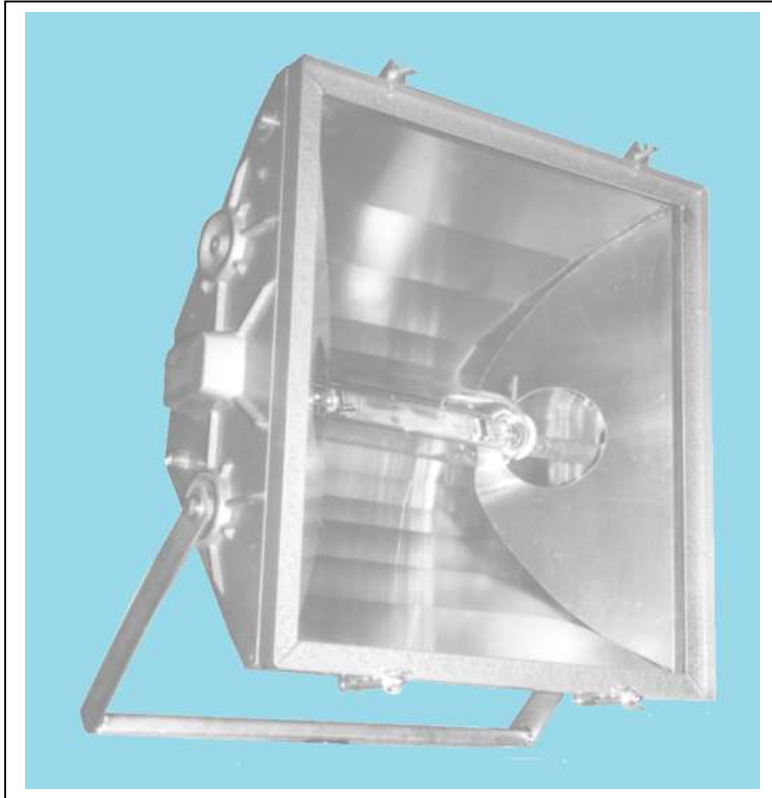
CURVA FOTOMETRICA PARA 1000 LUMENS

Lâmpada a Vapor Metálico de 400W T=1500K

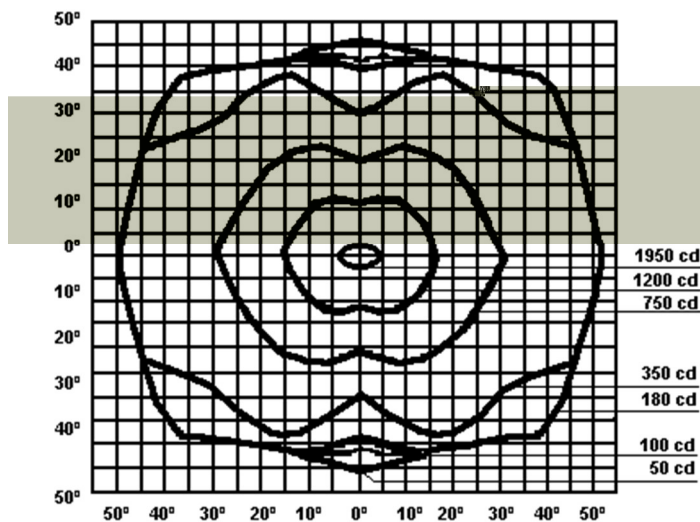


DISTRIBUIÇÃO DE LUZ

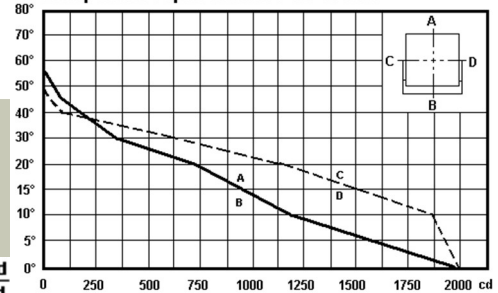




IE-555/10-VAPOR METALICO 1000W TUBULAR
CURVA FOTOMETRICA PARA 1000 LUMENS

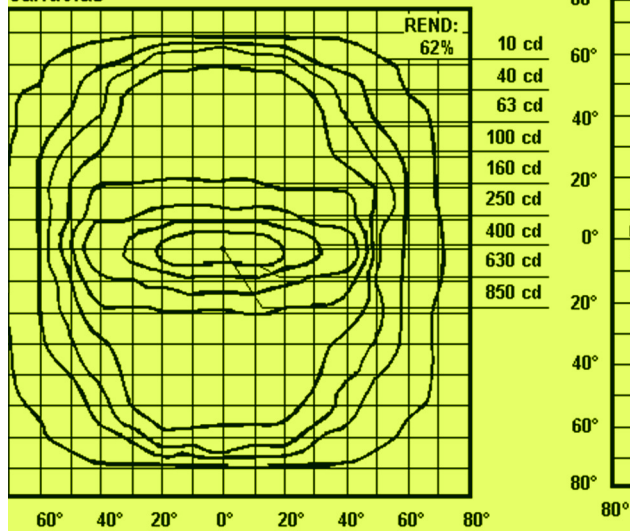


CURVA DE DISTRIBUIÇÃO PARA 1000 LUMENS
Lâmpada a Vapor Metálico de 1000W

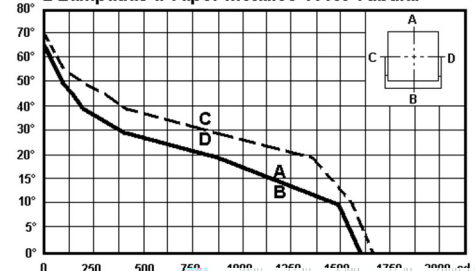


A AA A AA A A A

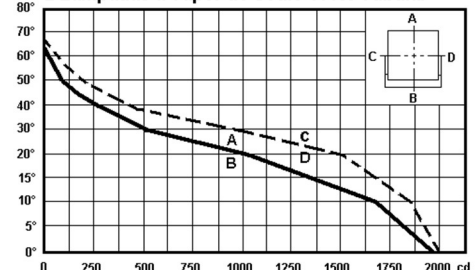
CURVA FOTOMETRICA PARA 1000 LUMENS
Lâmpadas V. Metálica de 400W Tubular
candelas

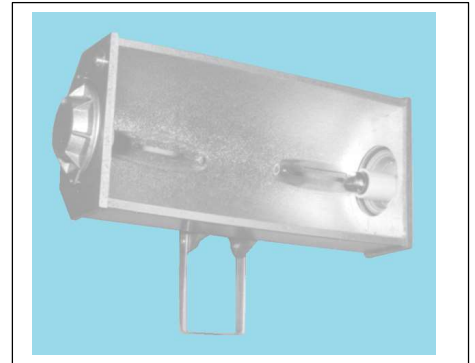
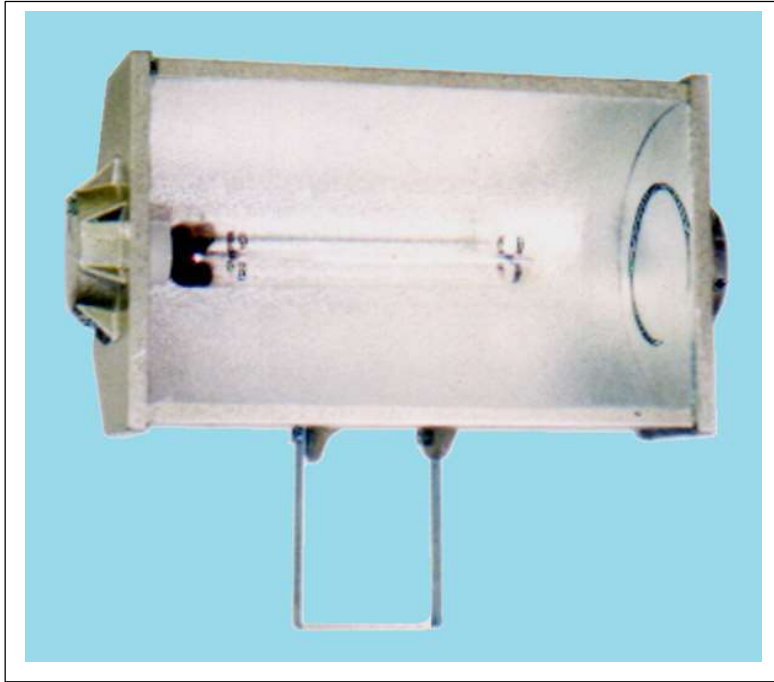


CURVA DE DISTRIBUIÇÃO PARA 1000 LUMENS
2 Lâmpadas a Vapor Metálico 400W Tubular



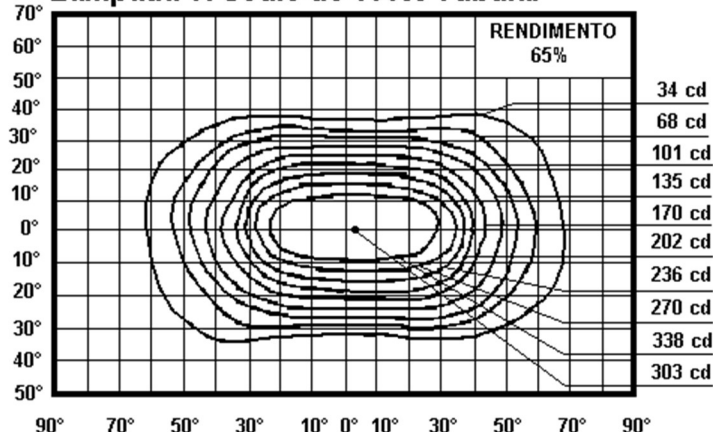
CURVA DE DISTRIBUIÇÃO PARA 1000 LUMENS
2 Lâmpadas a Vapor de Sódio 400W Tubular



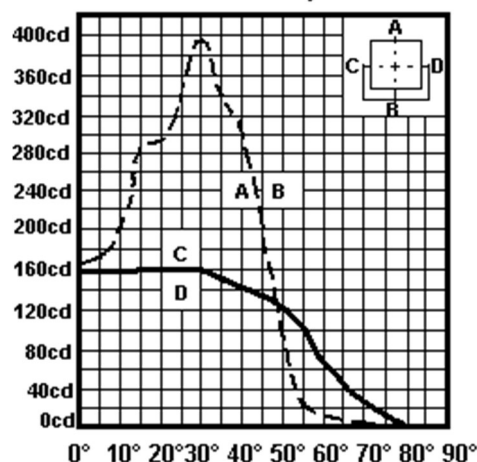


CURVA FOTOMETRICA PARA 1000 LUMENS

Lâmpada V. Sódio de 400W Tubular

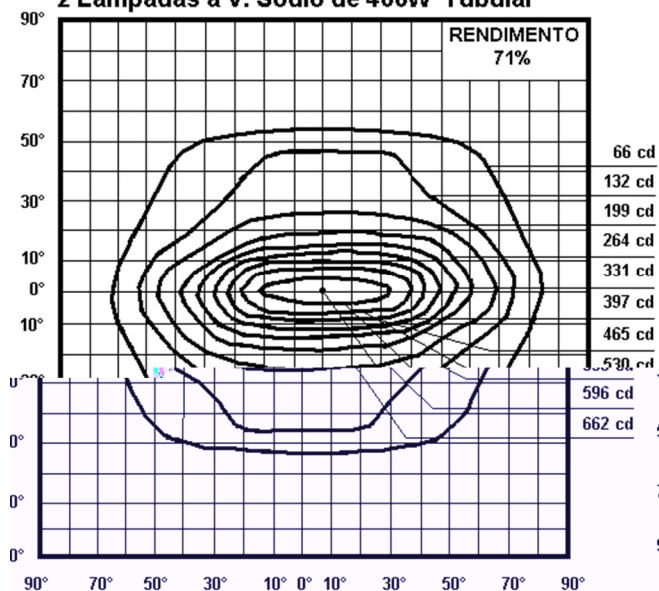


CURVA DE DISTRIBUIÇÃO DE LUZ

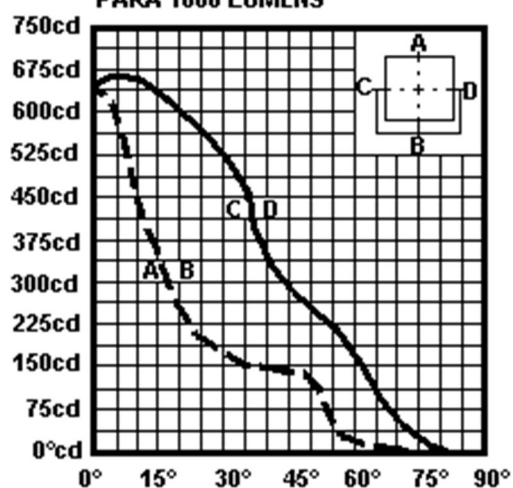


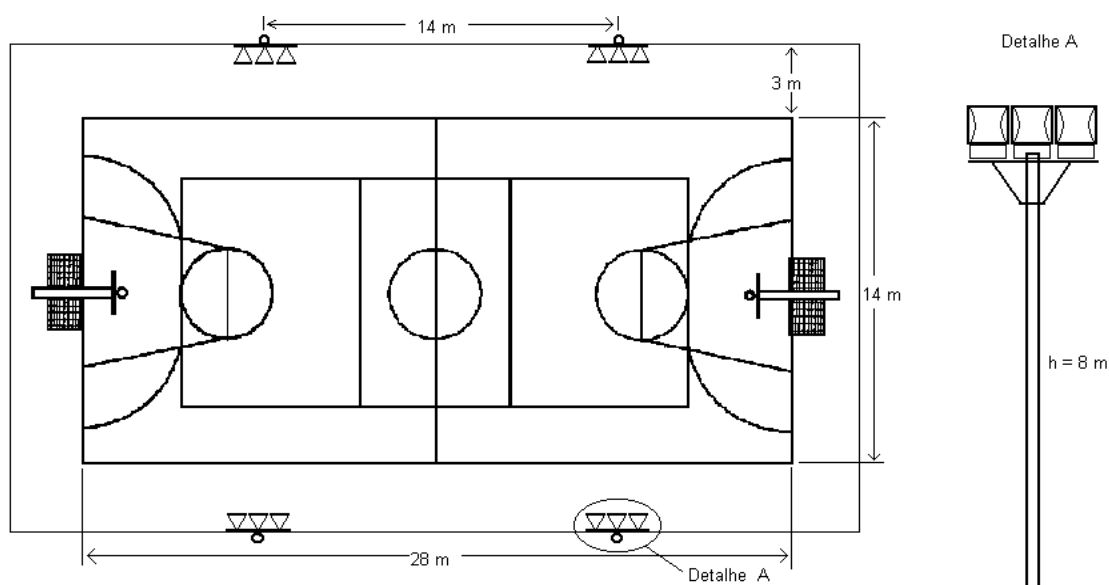
CURVA FOTOMETRICA PARA 1000 LUMENS

2 Lâmpadas a V. Sódio de 400W Tubular



CURVA DE DISTRIBUIÇÃO DE LUZ PARA 1000 LUMENS





R A W A A

Nível de Iluminamento Mínimo Recomendado:

Atividade: Recreação – 200 Lux

Competição – 350 Lux

A :

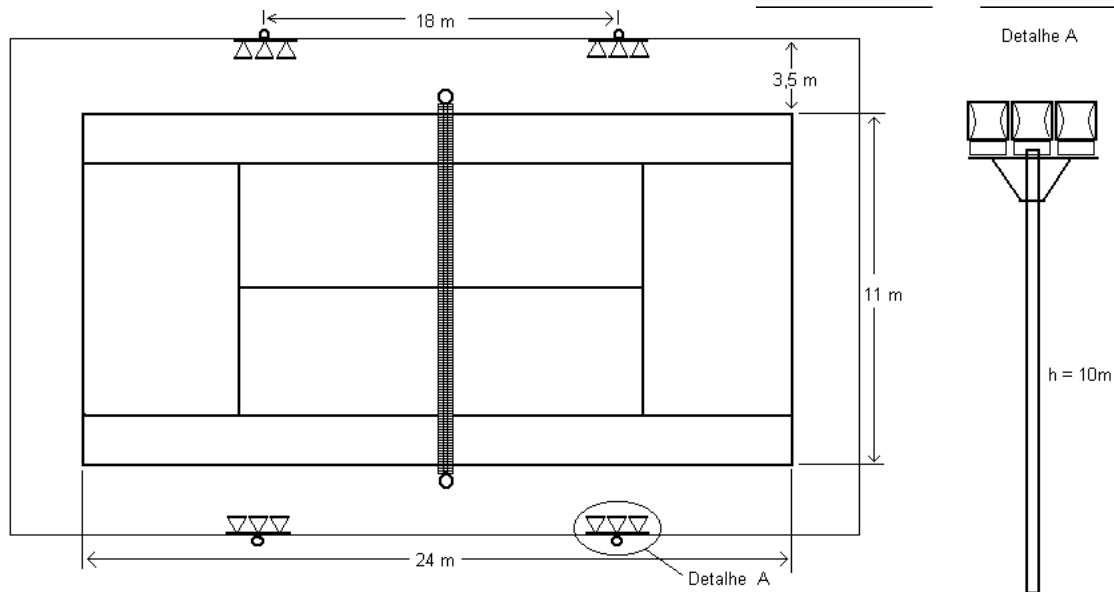
A A A

- 4 Poste Reto com 8 metros de altura Livre, ref. PT-100B/80L.
- 4 Cruzeta Simples em Aço para Instalação de 2 projetores, ref. CS-1/2.
- 08 Projetores LED 150W Facho 90° 22.225 Lm, ref. IE-590/15.

A A A A

- 4 Poste Reto com 8 metros de altura Livre, ref. PT-100B/80L.
- 4 Cruzeta Simples em Aço para Instalação de 3 projetores, ref. CS-1/3.
- 12 Projetores LED 150W Facho 90° 22.225 Lm, ref. IE-590/15.





R A A A A

A A A A A

: Recreação – 200 Lux

Competição – 350 Lux

A :

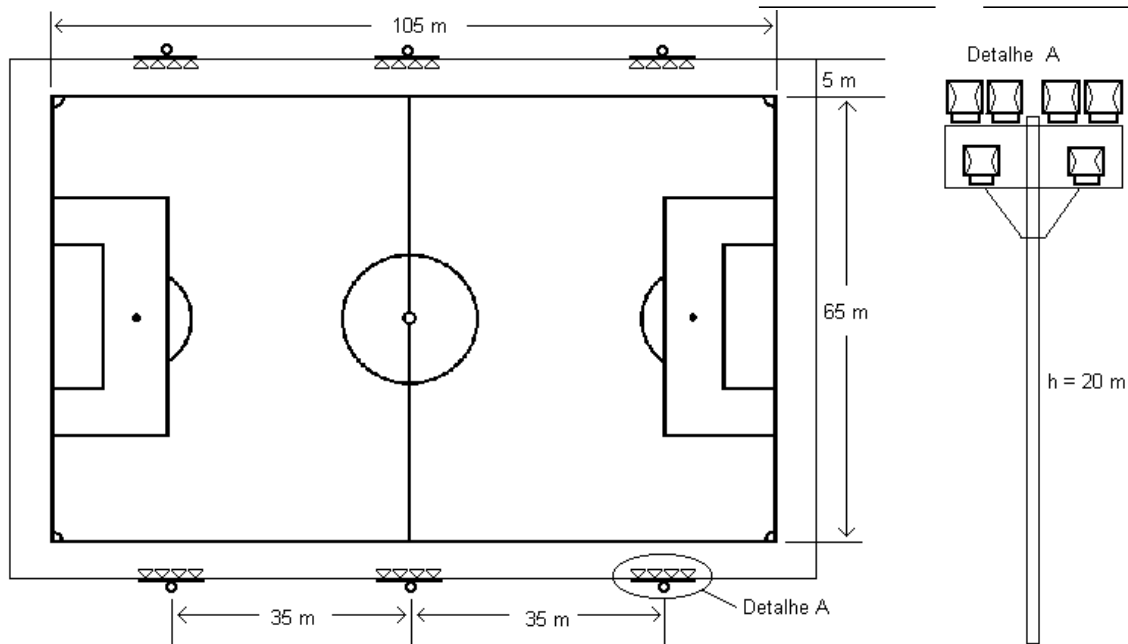
A A A

- 4 Poste Reto com 10 metros de altura Livre, ref. PT-100B/100M.
- 4 Cruzeta Simples em Aço para Instalação de 3 projetores, ref. CS-1/3.
- 12 Projetores LED Facho 90° 150W 22.225 Lm, ref. IE-590/15.

A A A A

- 4 Poste Reto com 10 metros de altura Livre, ref. PT-100B/100M.
- 4 Cruzeta Simples em Aço para Instalação de 4 projetores, ref. CS-1/4.
- 16 Projetores LED Facho 90° 150W 22.225 Lm, ref. IE-590/15.





N A AG C A G AA A A
A A AN A A

: Recreação – 200 Lux

Competição – 350 Lux

A :

A A A

6 Poste Reto com 20 metros de altura Livre, ref. PT-100/200P.

- 6 Cruzetas Duplas em Aço para Instalação de 4 projetores, ref. CD-3/4.

- 24 Projetores LED 700W 105.080 Lm Facho 60°, ref. IE-590/7.

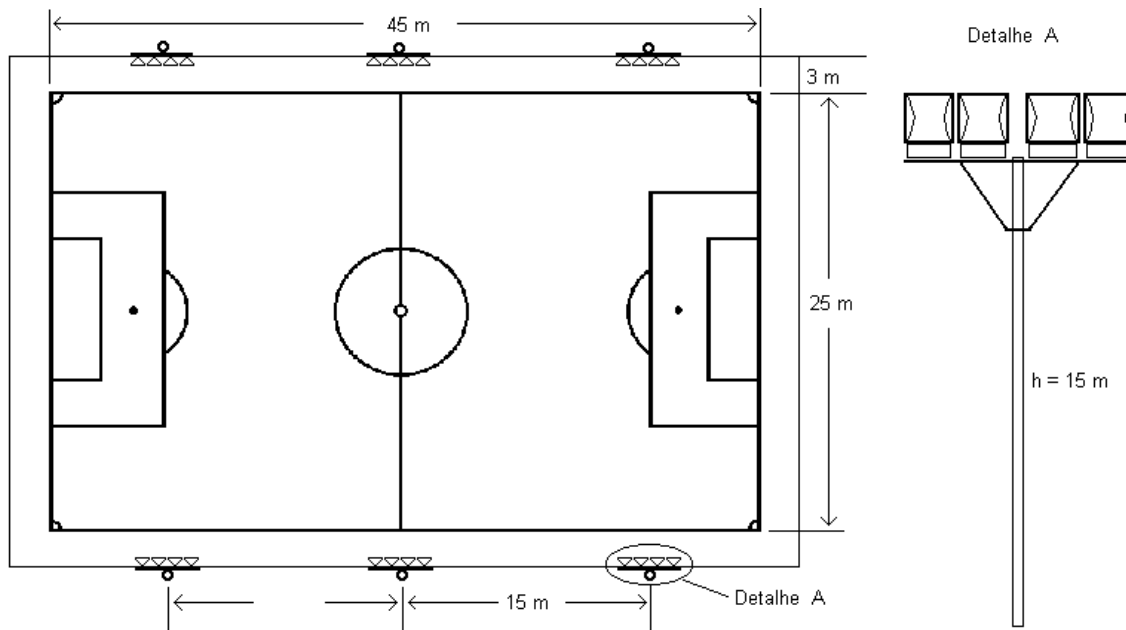
A A A A

- 6 Poste Reto com 20 metros de altura Livre, ref. PT-100/200P.

- 6 Cruzetas Dupla em Aço para Instalação de 6 projetores, ref. CD-3/6.

- 36 Projetores LED 800W 118.427 Lm Facho 60°, ref. IE-590/8.





N A N A A C A A A

A A A A A :

: Recreação – 200 Lux

Competição – 350 Lux

A

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A A A

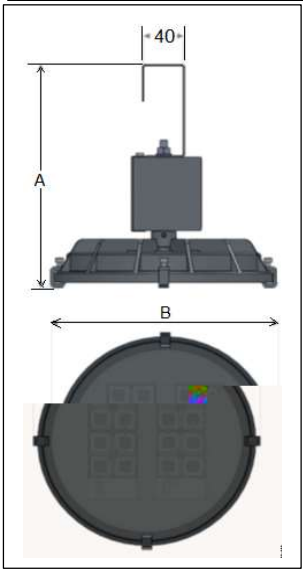
- 6 Poste Reto com 12 metros de altura Livre, ref. PT-100/120MP.
- 6 Cruzeta Simples em Aço para Instalação de 2 projetores, ref. CS-2/2.
- 12 Projetores LED Facho 90° 300W 45.100 Lm, ref. IE-590/30

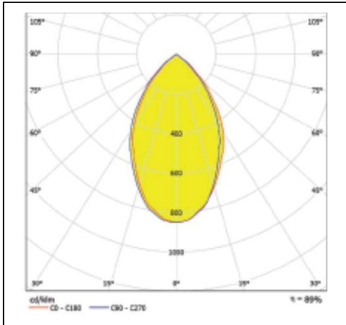
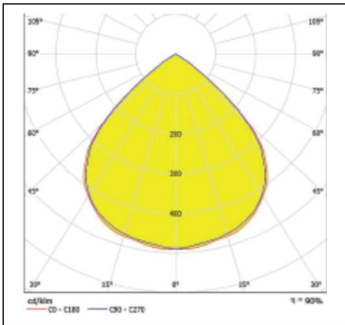
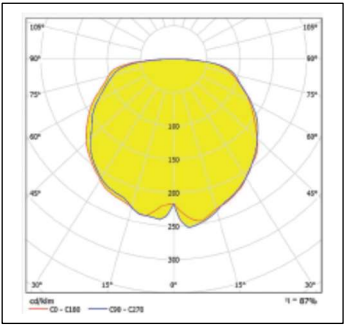
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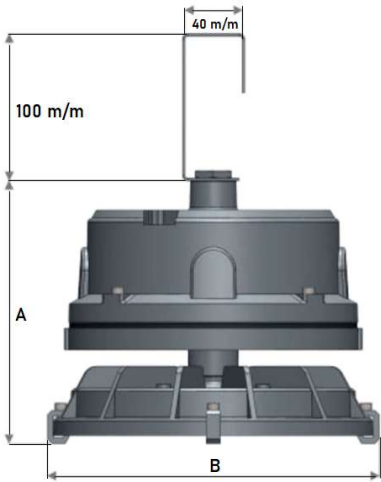
- 6 Poste Reto com 15 metros de altura Livre, ref. PT-100/150MP.
- 6 Cruzeta Simples em Aço para Instalação de 3 projetores, ref. CS-2/3.
- 18 Projetores LED Facho 90° 300W 45.100 Lm, ref. IE-590/30

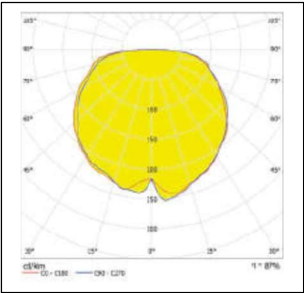
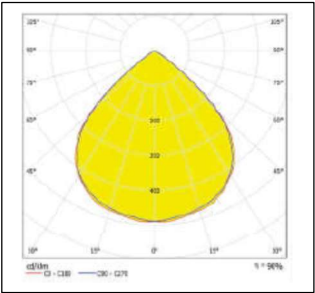
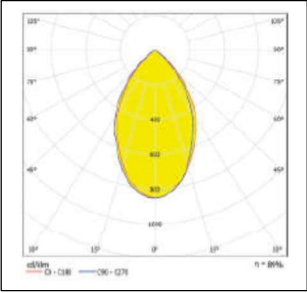
Folheto meramente ilustrativo poderá ser alterado a qualquer momento sem prévio aviso.

A

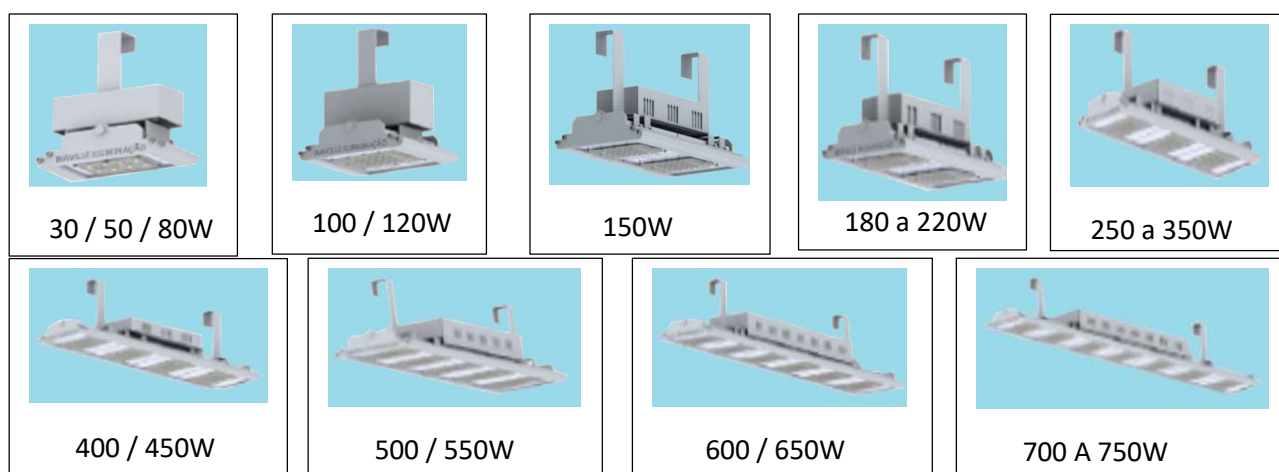
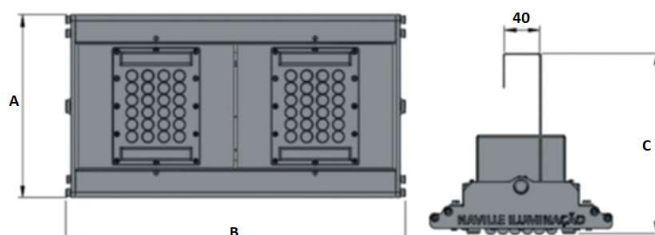
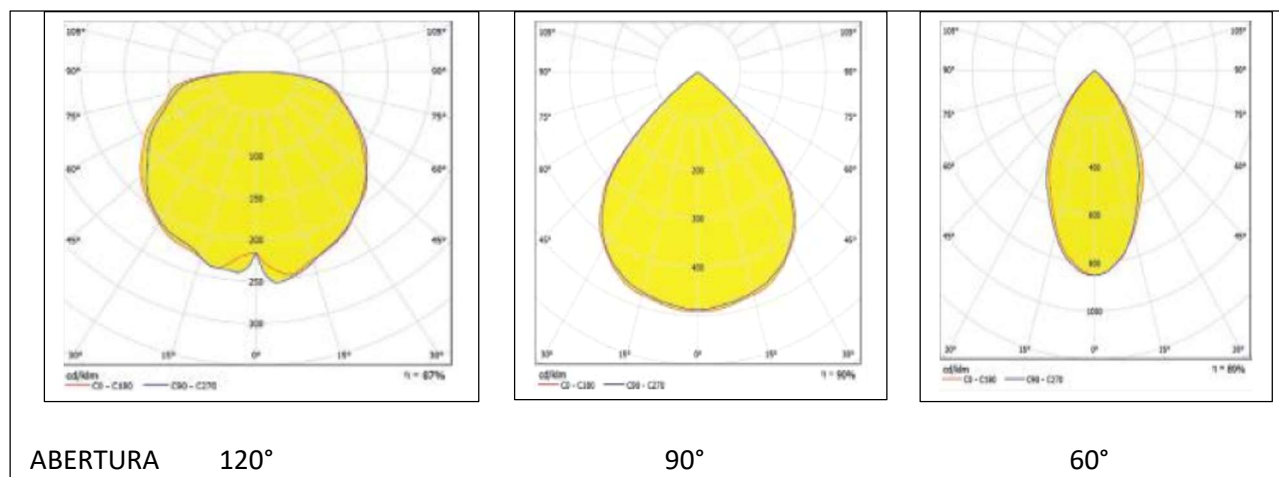


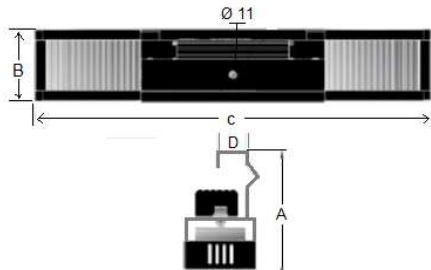
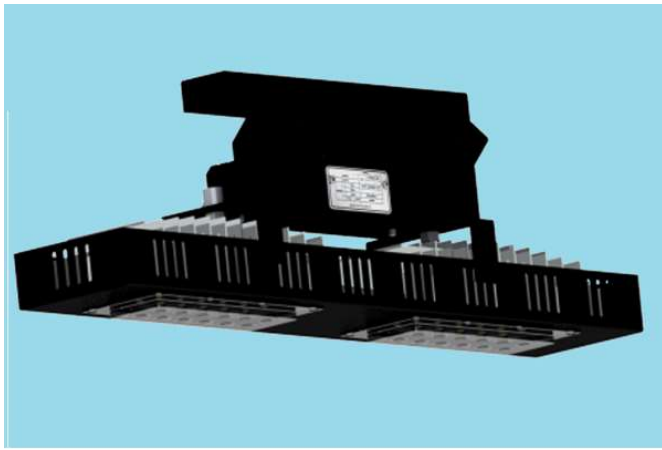


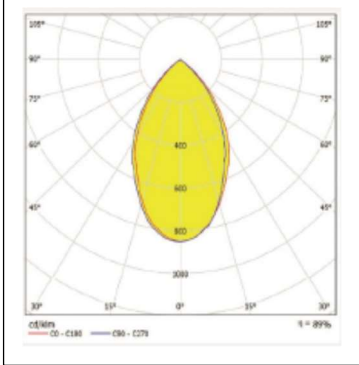
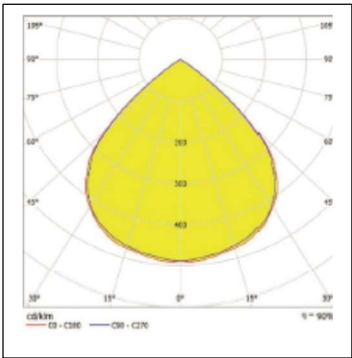
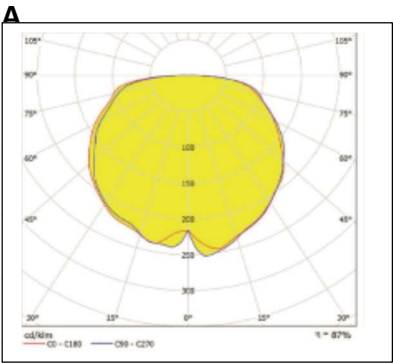




[illegible]



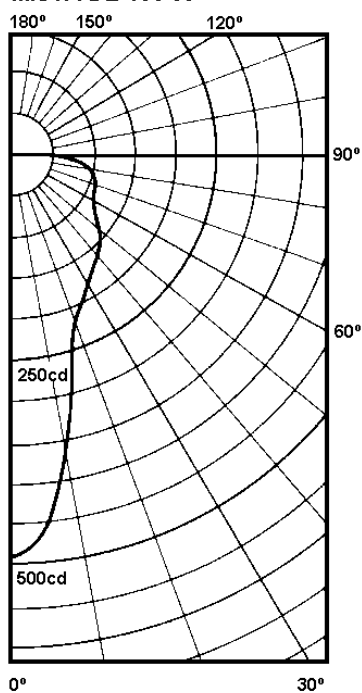




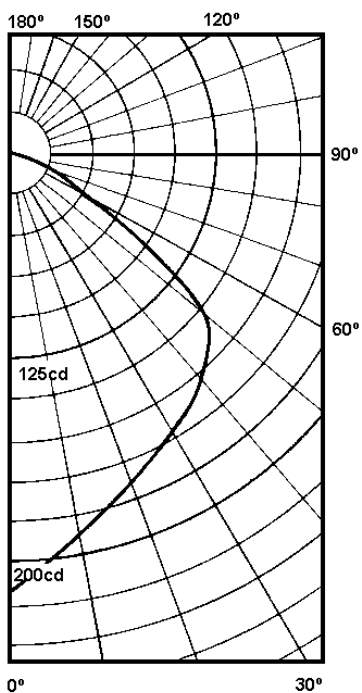




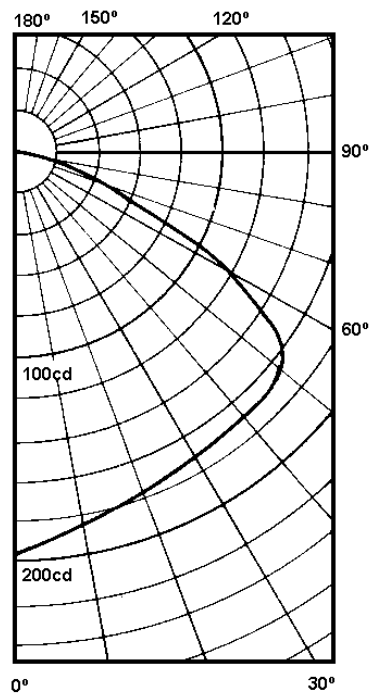
LUMINARIA II - 904
MISTA DE 160 W



LUMINARIA II - 905
INCANDESCENTE DE 300 W

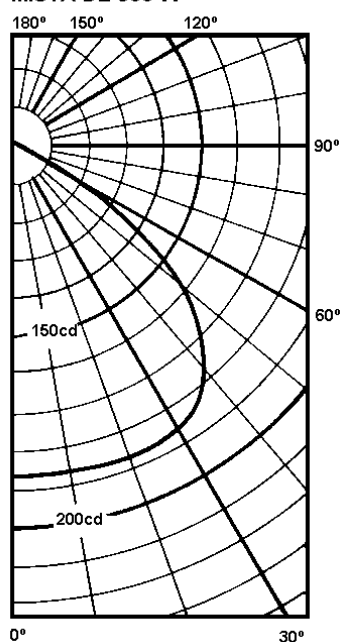


LUMINARIA II - 905
MISTA DE 250 W

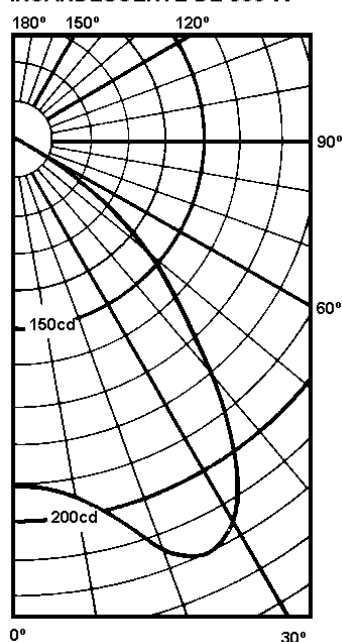




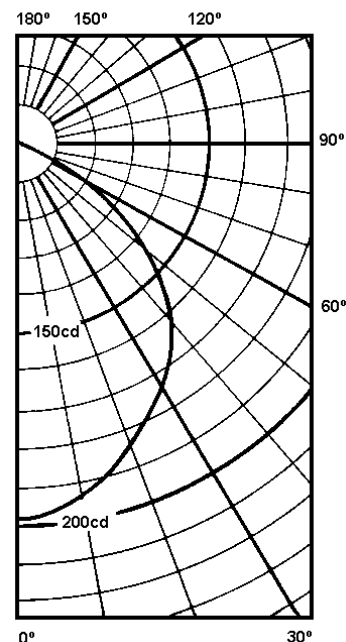
MISTA DE 500 W



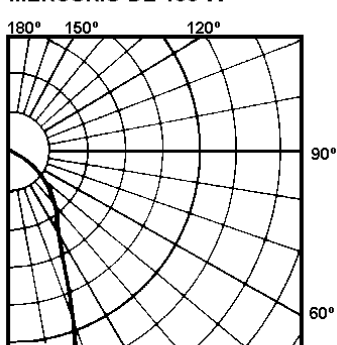
INCANDESCENTE DE 500 W



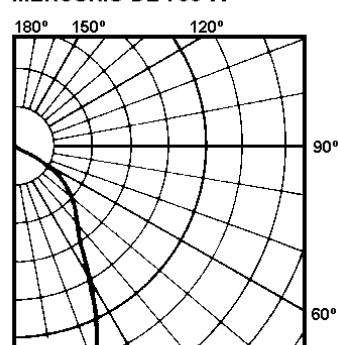
MERCÚRIO DE 400 W



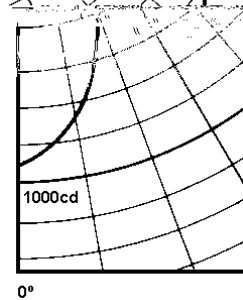
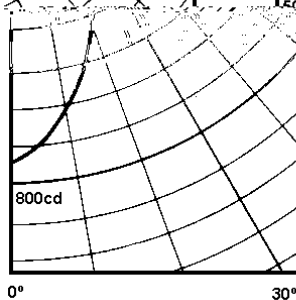
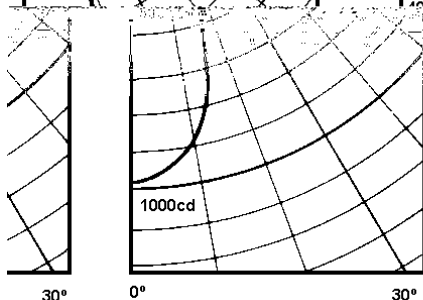
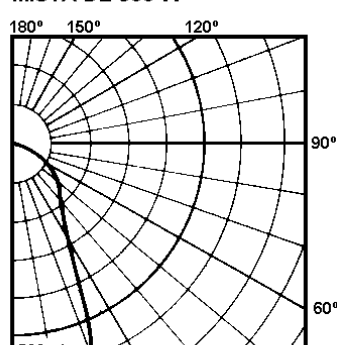
MERCÚRIO DE 400 W



MERCÚRIO DE 700 W



MISTA DE 500 W



A



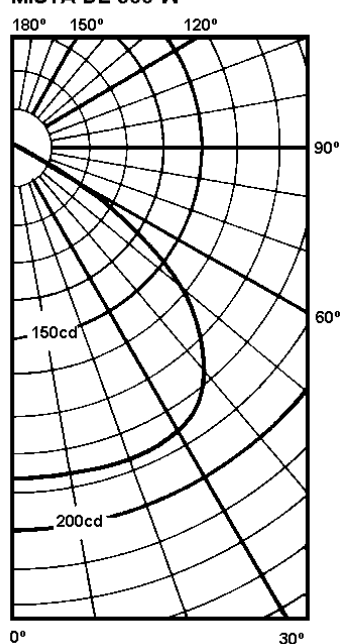
AA AG NA



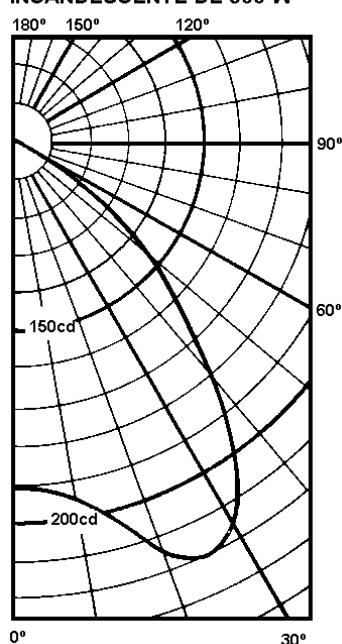
AA

AG A

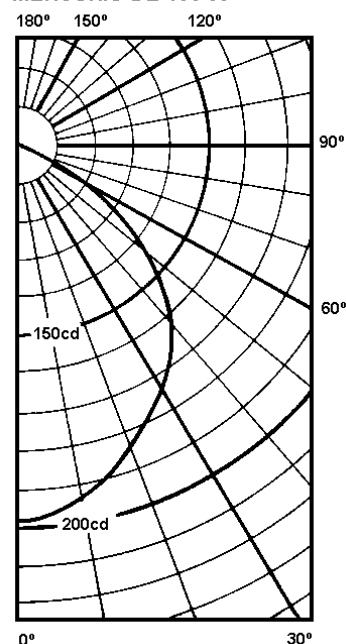
MISTA DE 500 W



INCANDESCENTE DE 500 W



MERCÚRIO DE 400 W



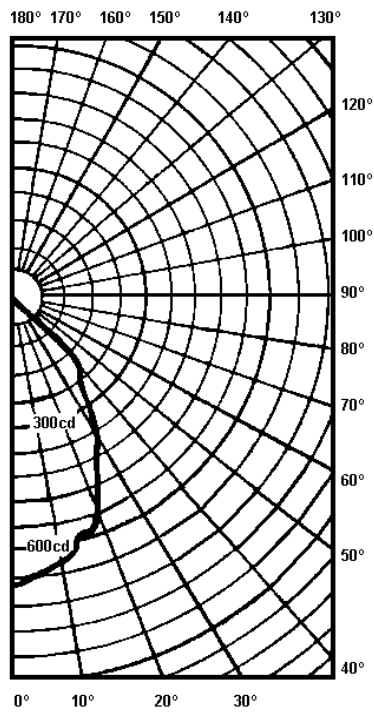


Model	Ø (mm)	H (mm)	Weight (kg)	Power (W)
II- 937/0-PA/PE	315	350	34	15
II- 937/1-PA/PE	420	480	85	40
II- 937/1-PA-H	420	500	85	30
II- 937/1-PE-H	420	500	85	30
II- 937/2-PA/PE	570	560	110	50
II- 937/2-PA-H	570	580	110	40
II- 937/2-PE-H	570	580	110	40

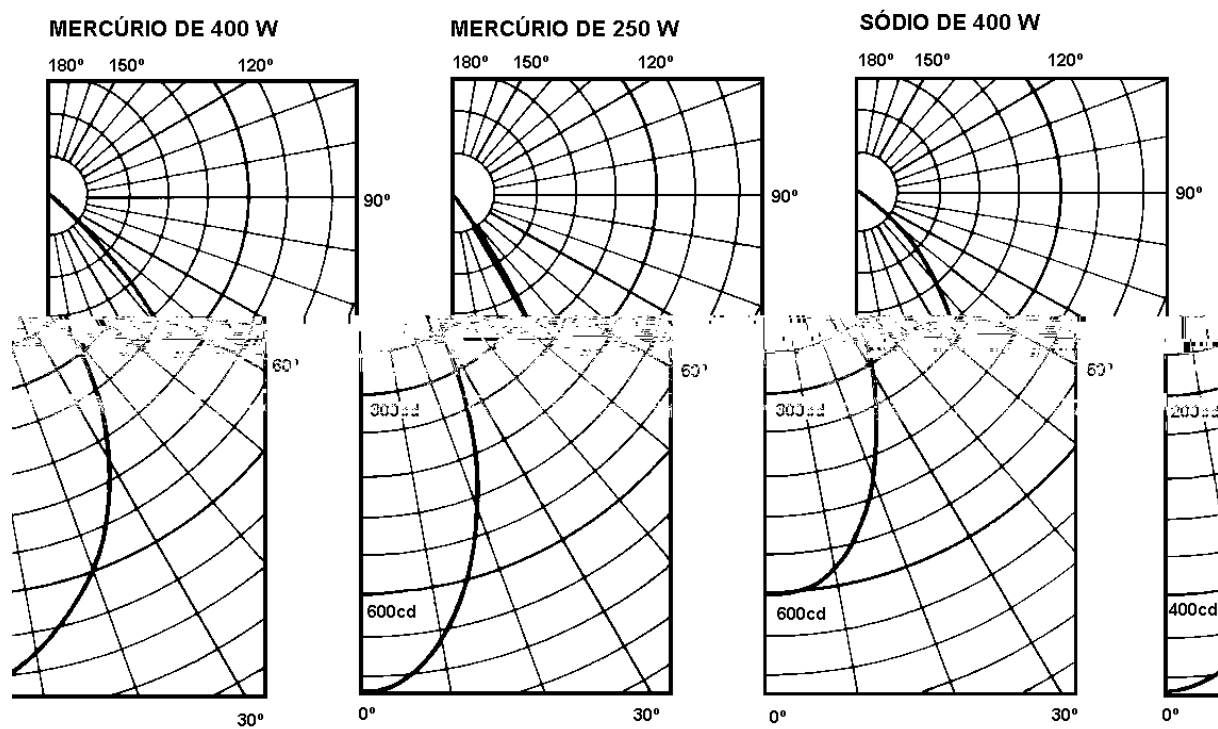


II - 939/I FxM	450	400	0,800	4 a 8	50	85
II - 939/2 FxM	510	420	1,200	4 a 8	100	110

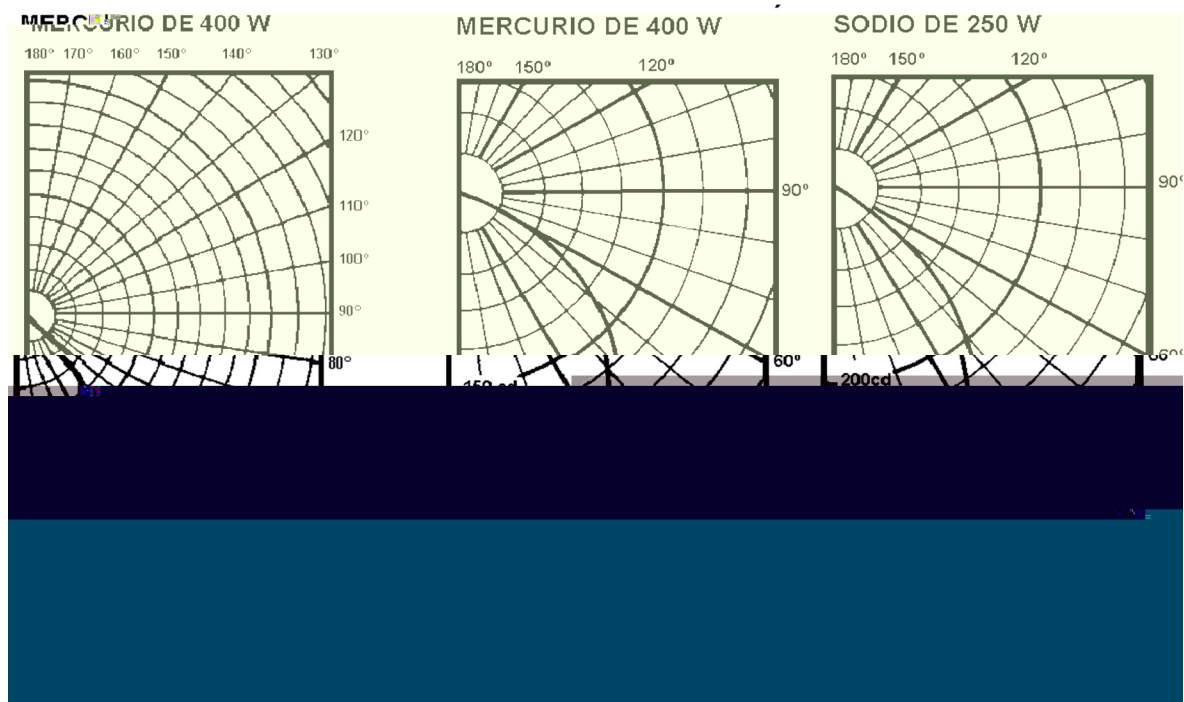
MERCURIO DE 400 W



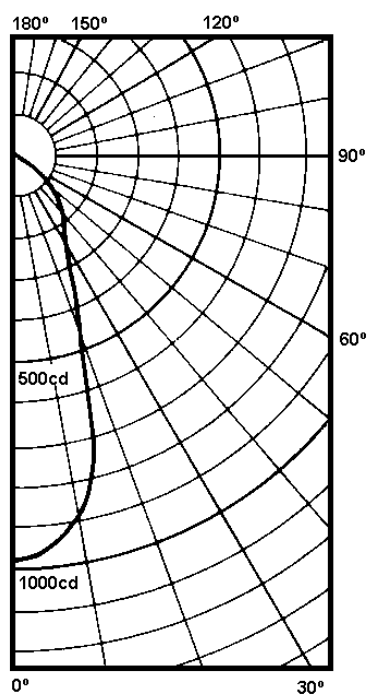




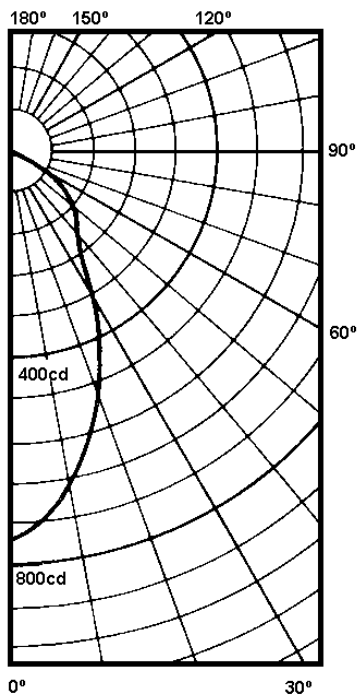




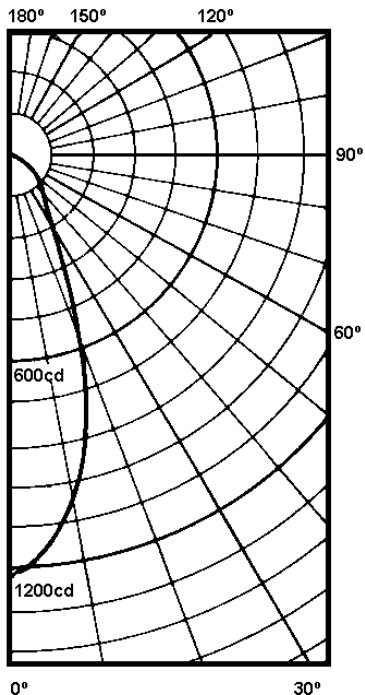
MERCÚRIO DE 400 W



MERCÚRIO DE 700 W



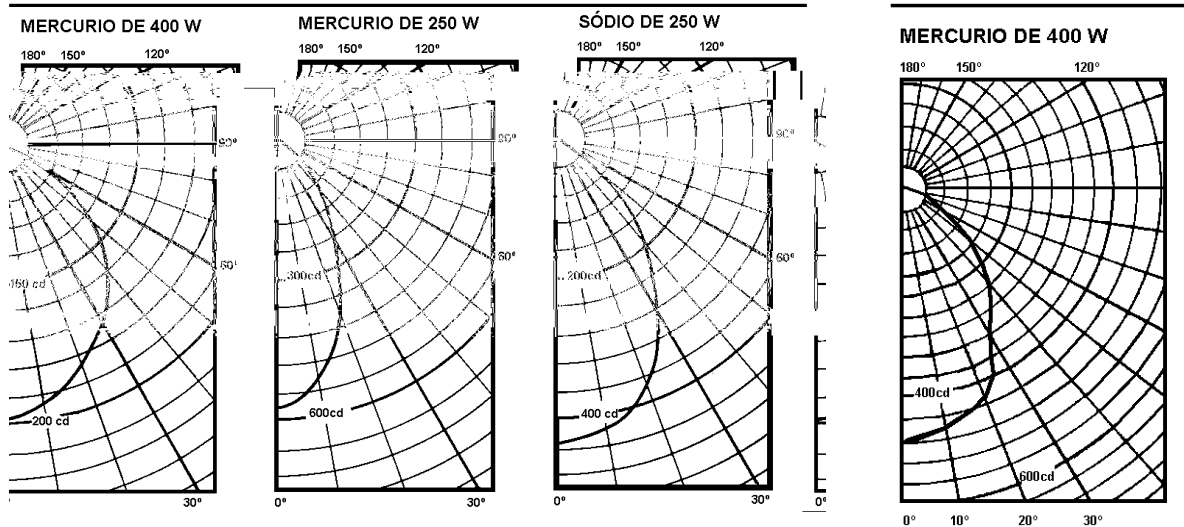
SÓDIO DE 400 W

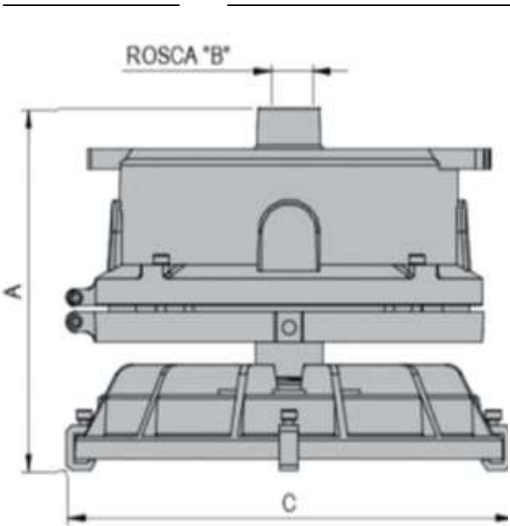


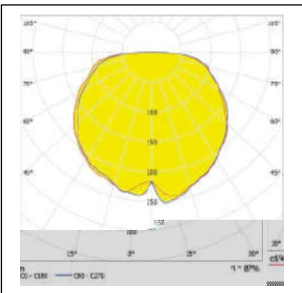
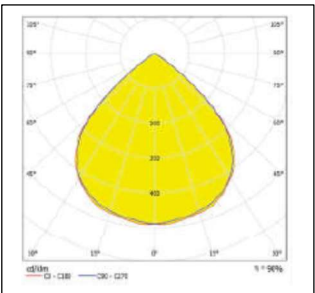
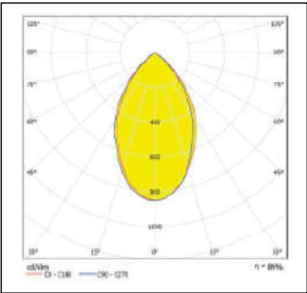


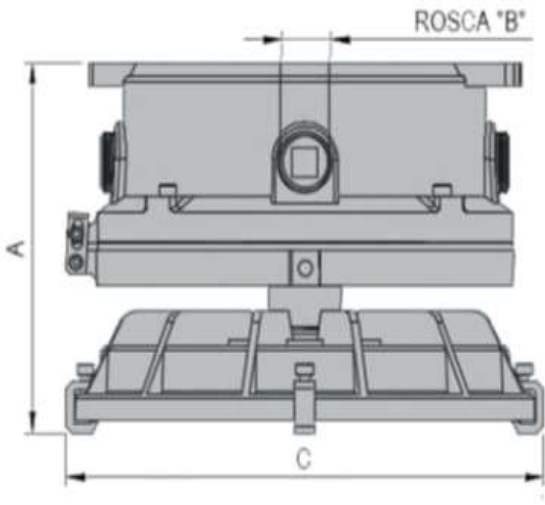


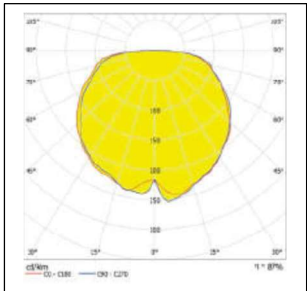
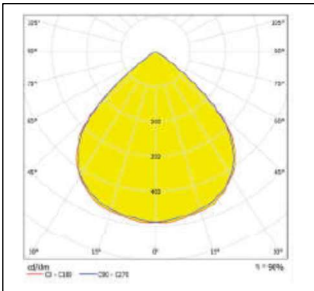
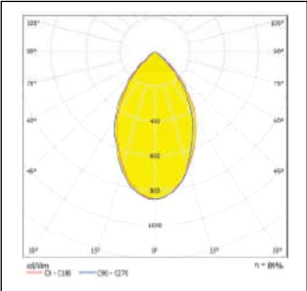


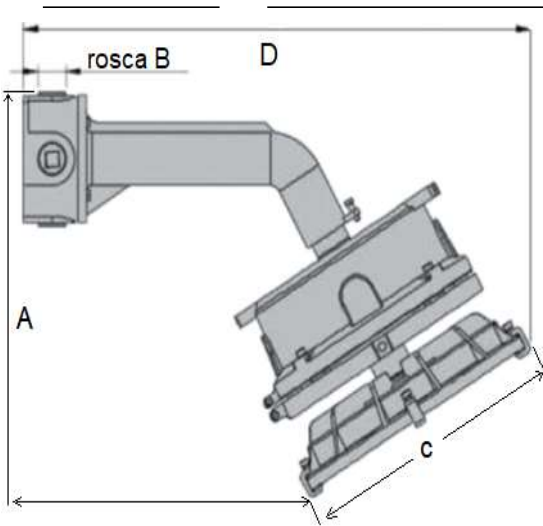


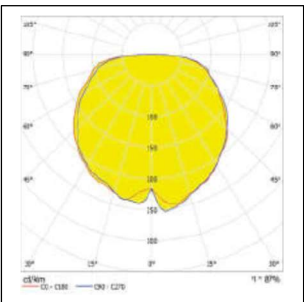
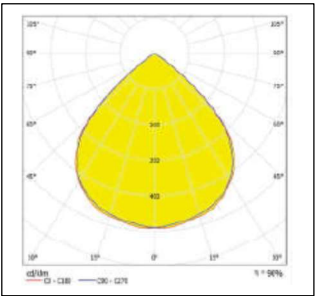
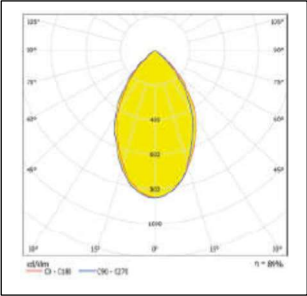


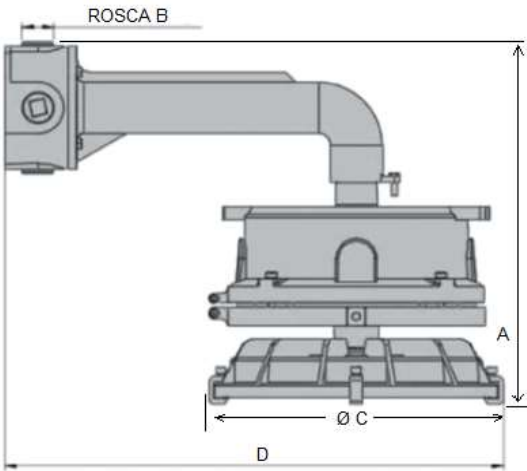


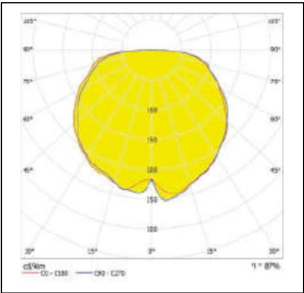
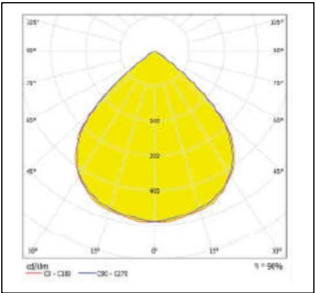
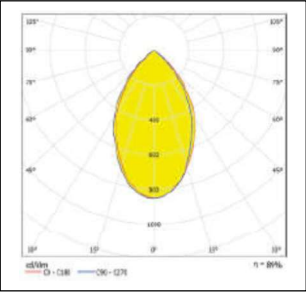


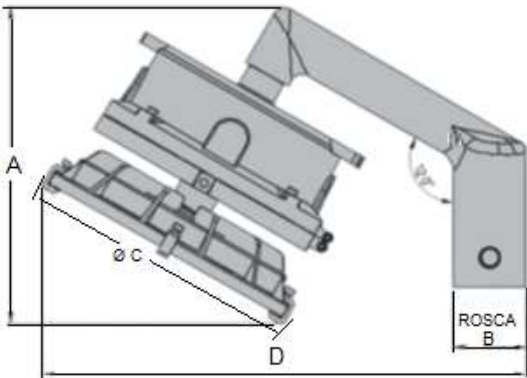


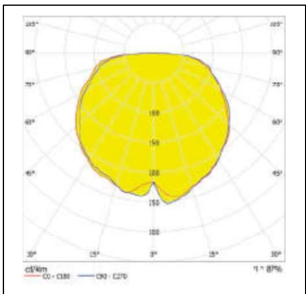
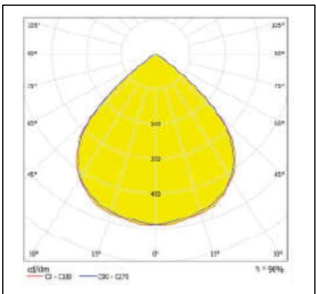
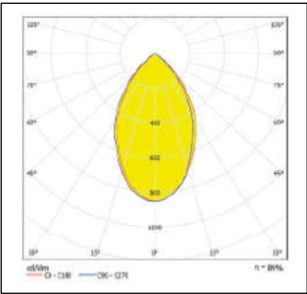


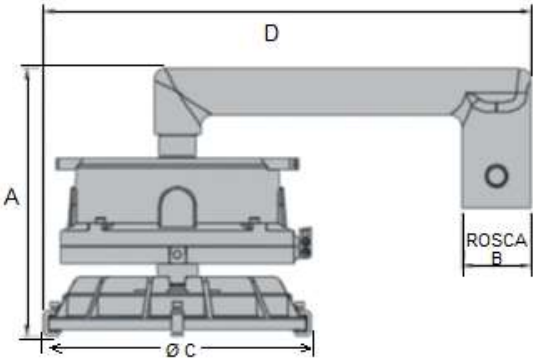


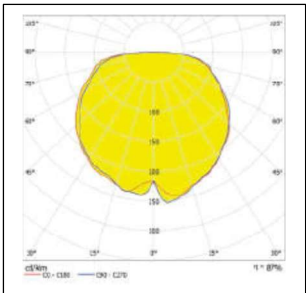
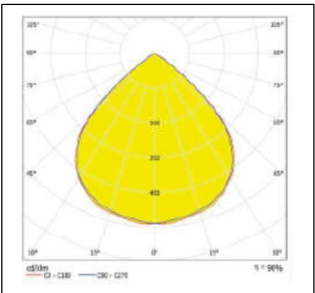
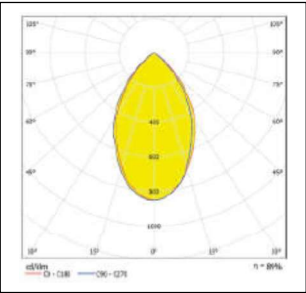


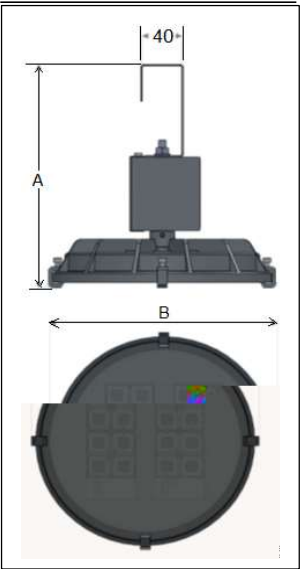


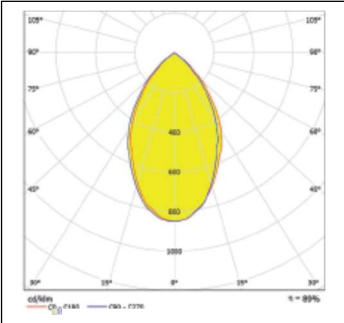
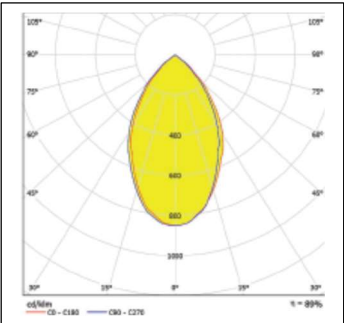
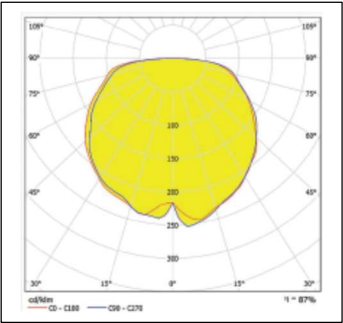


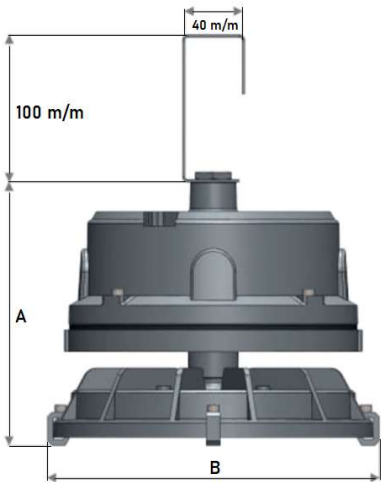


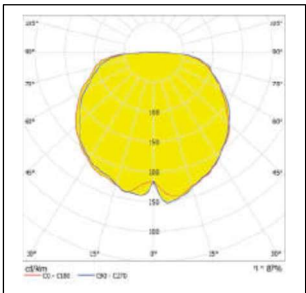
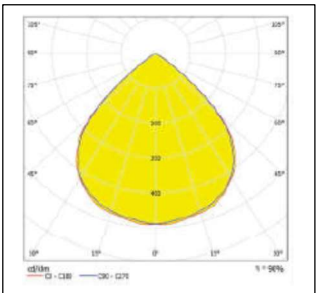
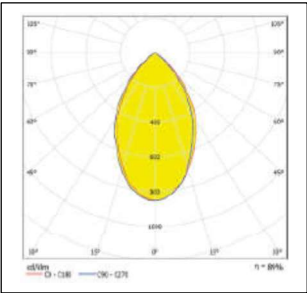


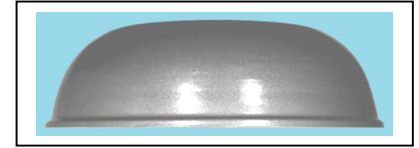
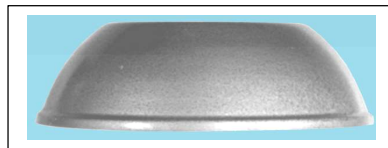
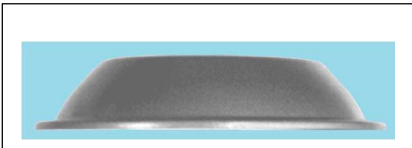










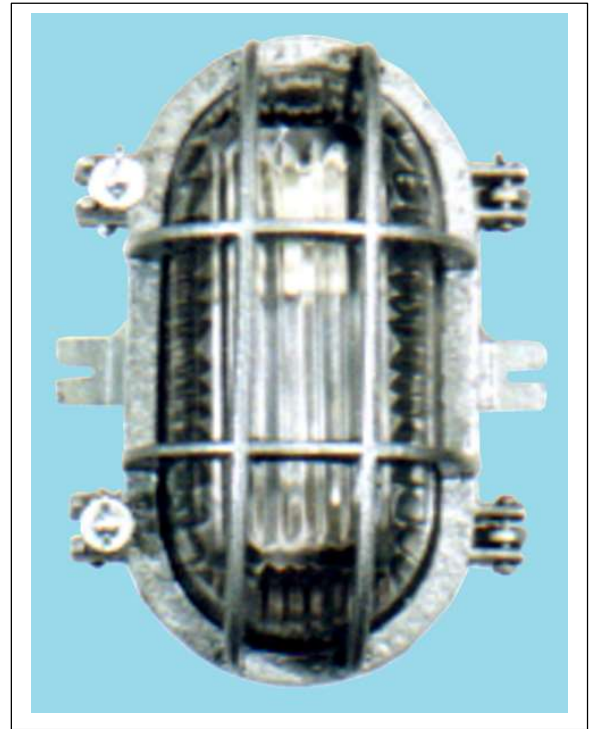


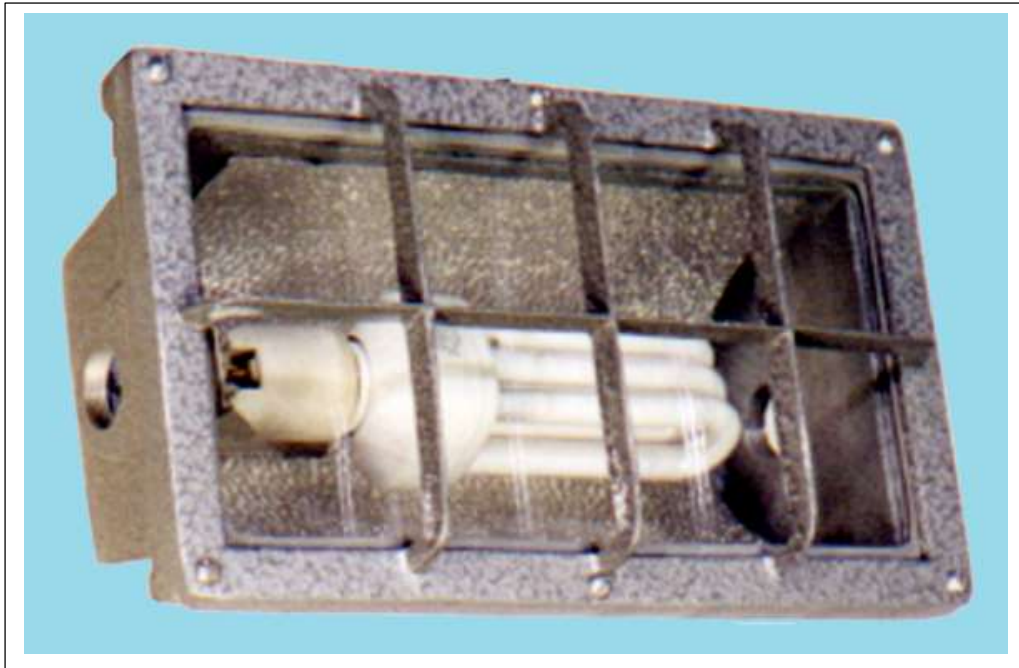
Recomendamos consultar o fabricante das lâmpadas que serão utilizadas quanto ao uso em luminária Herméticas



A



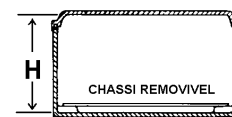
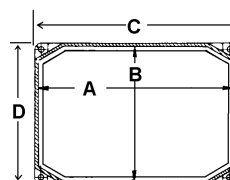
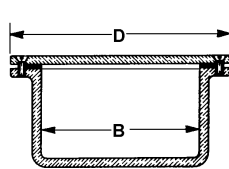
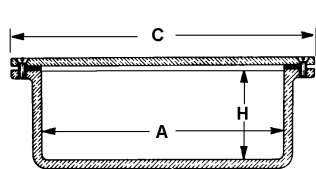






AA WA AN A AN AW AA AA WA

confeccionadas em liga de alumínio fundido, com tampa fixada através de parafusos, e hermeticamente fechada através de juntas de borracha, próprias para embutir no piso, para passagem de fiação, com tampa antiderrapante, ou; para fixação em parede ou armação de ferro, própria para alojamento de equipamentos elétricos.

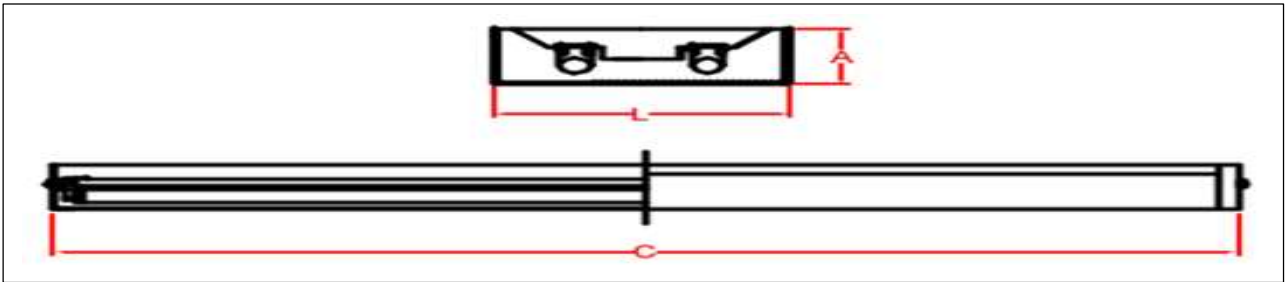
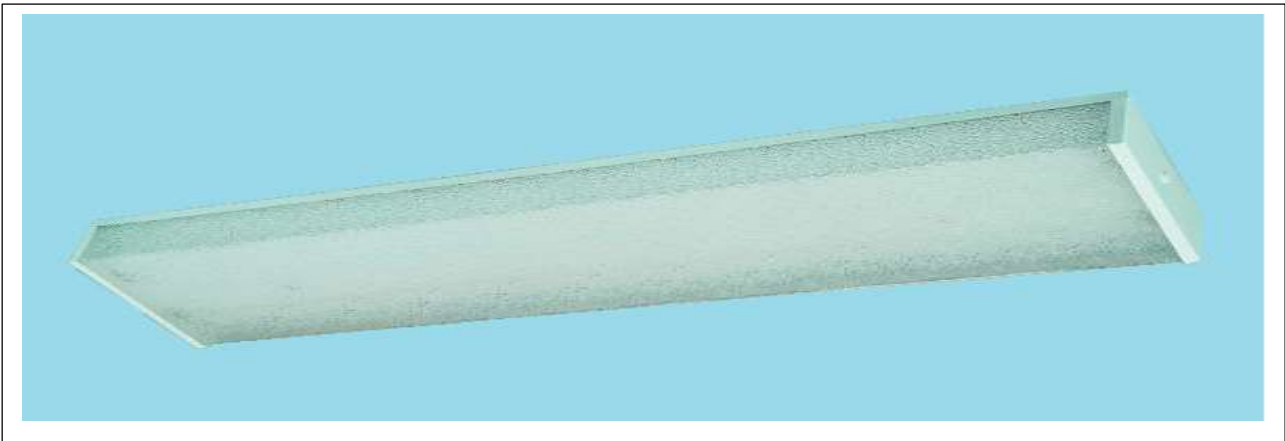


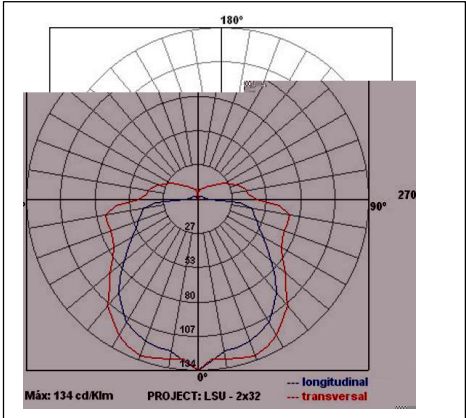
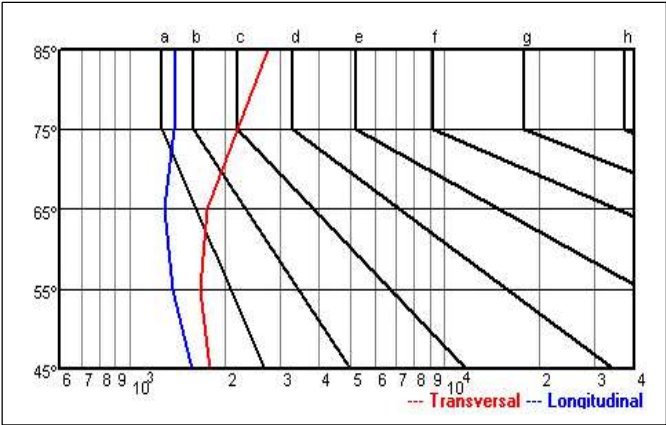
A A A

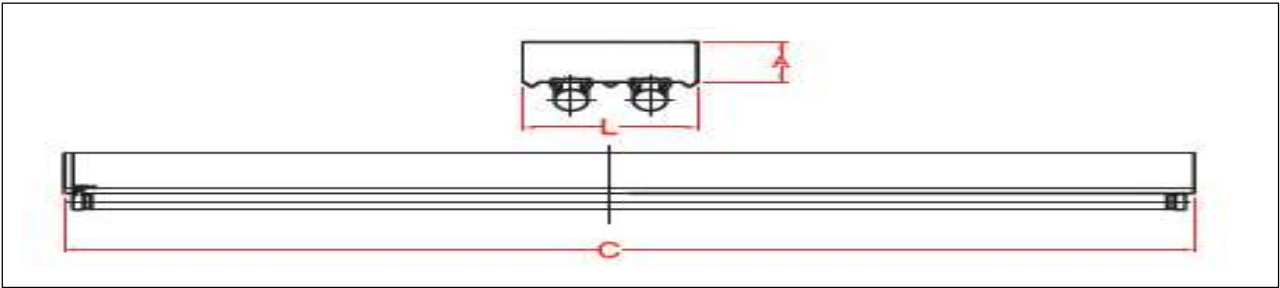
	A	A	CA	A	A	A
		150	150	165	165	100
		200	200	220	220	100
TU – R 12 P 30		300	300	320	320	120
TU – R 12 P 40		400	400	420	420	200
TU – R 14 P 17		172	143	-	-	120
TU – R 14 P 22		216	142	-	-	120
TU – R 14 Q 22		219	221	-	-	160
TU – R 14 M 22		220	275	-	-	160
TU – R 14 G 70		685	350	-	-	220

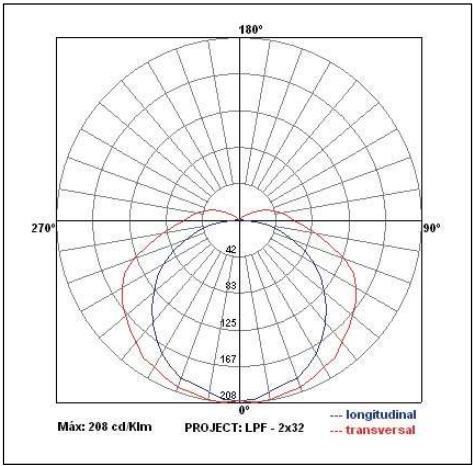
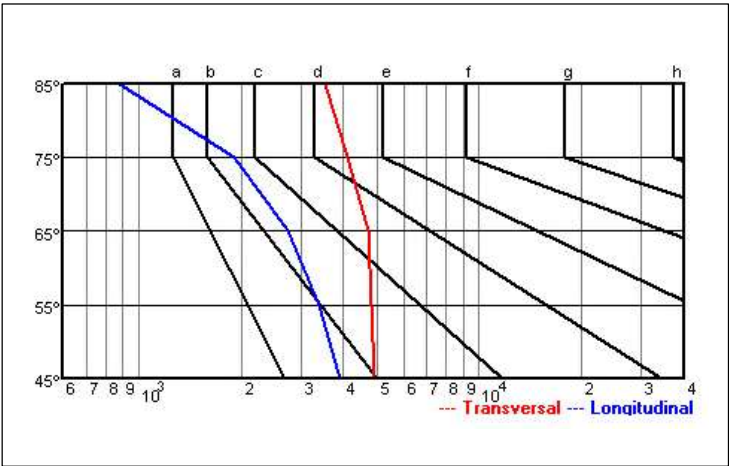
A

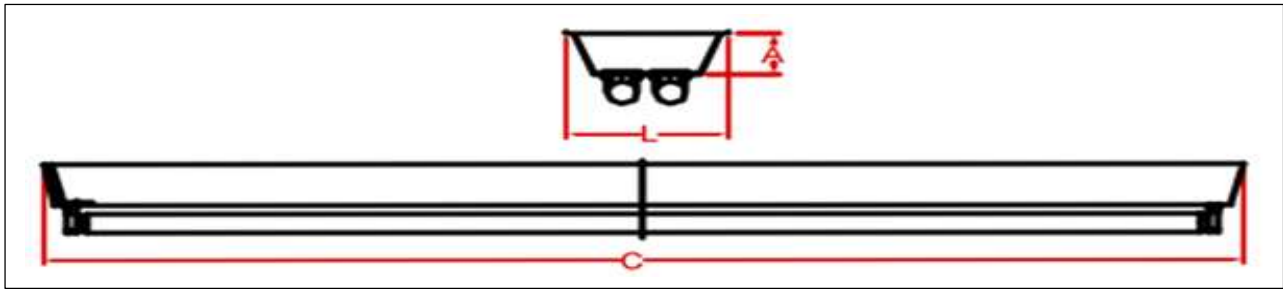
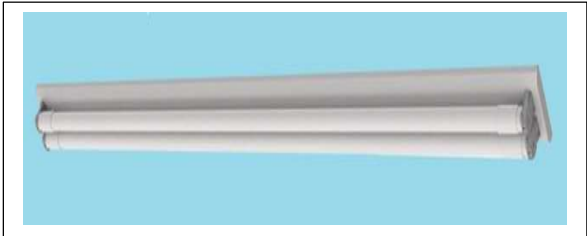
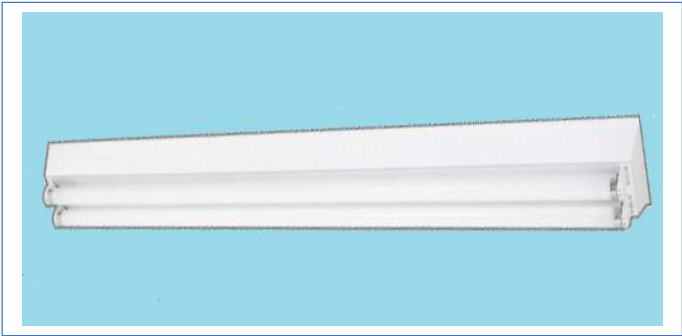
Devido a constante aprimoramento deste produto, reservamo-nos o direito de alterá-lo a qualquer momento sem prévio aviso.

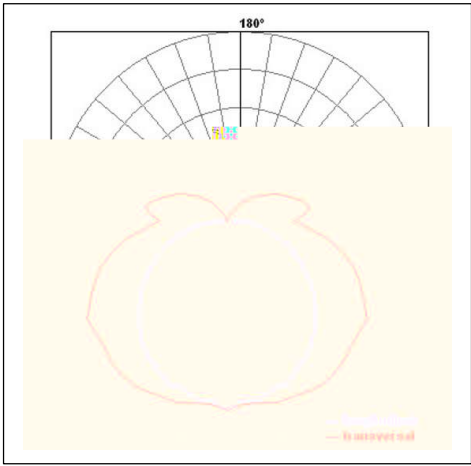
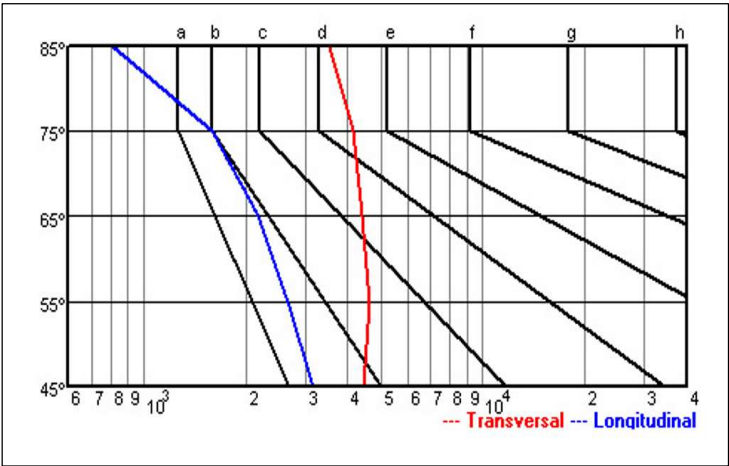


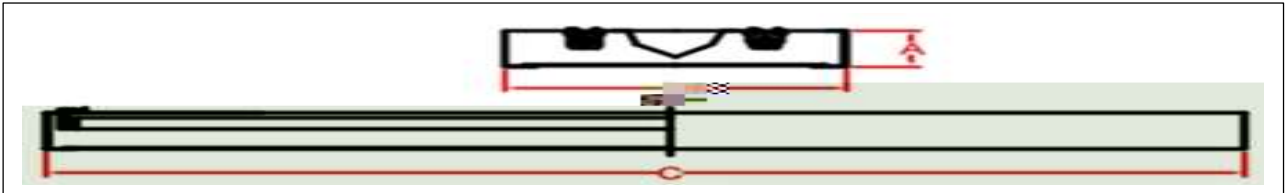
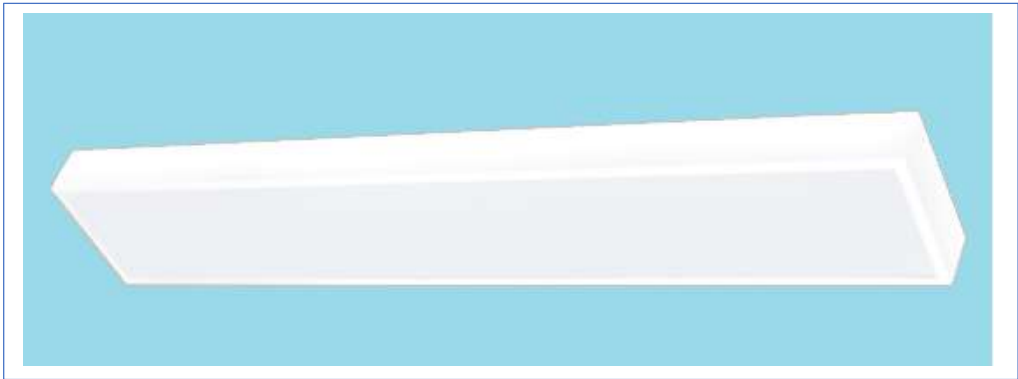


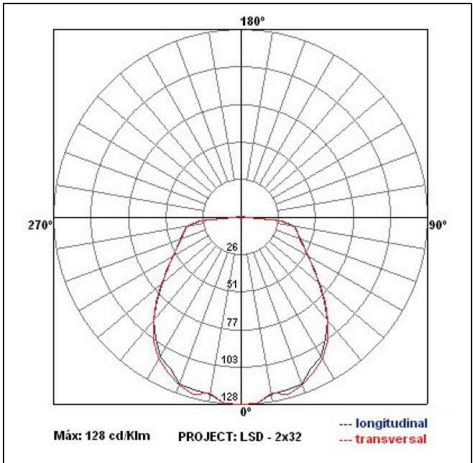
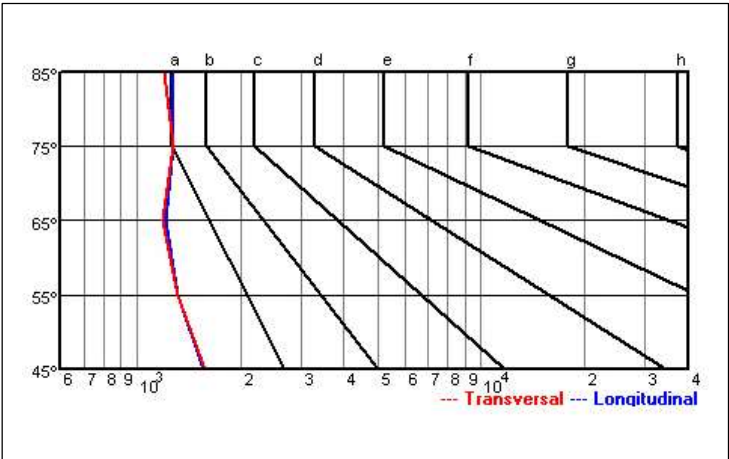


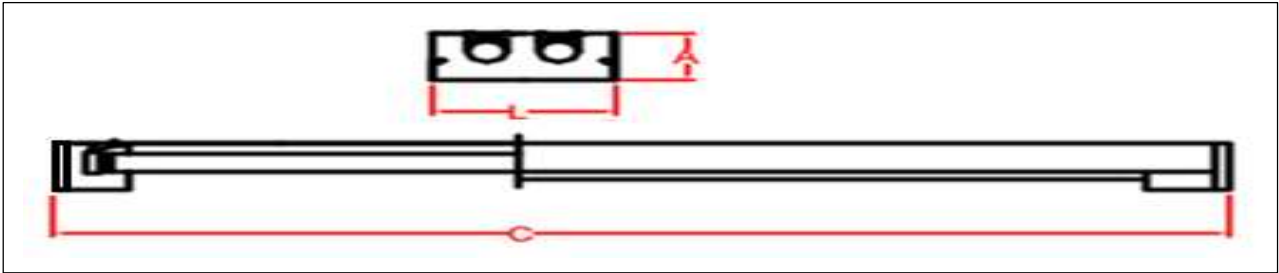


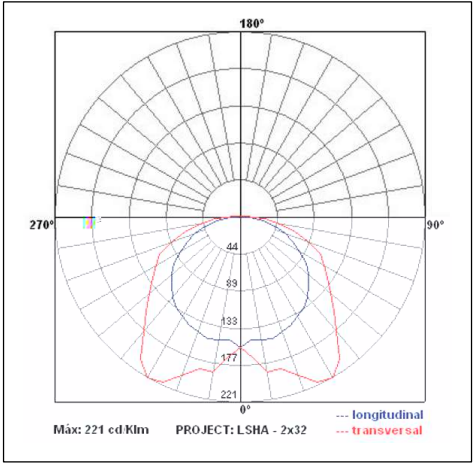
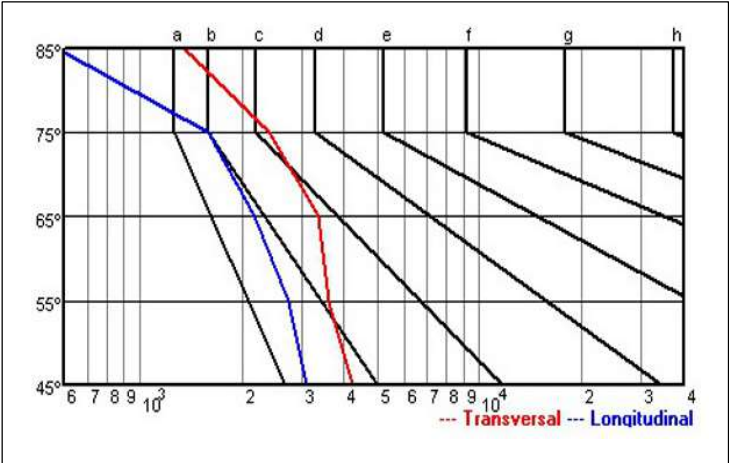


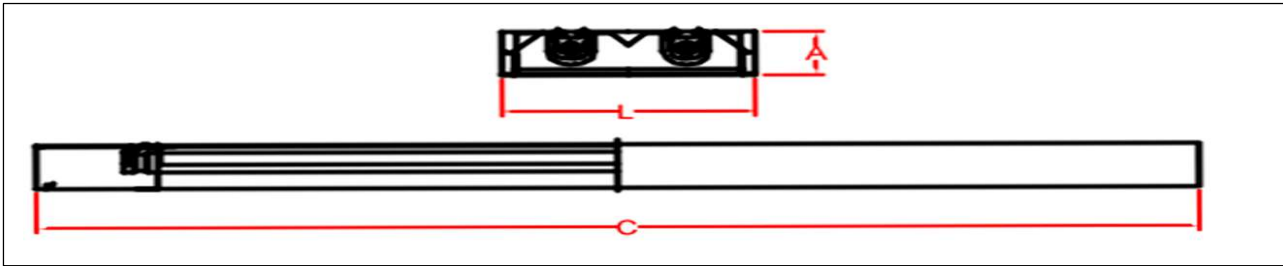
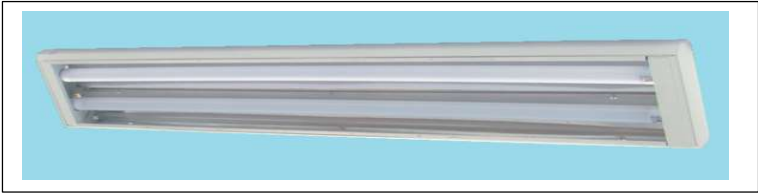
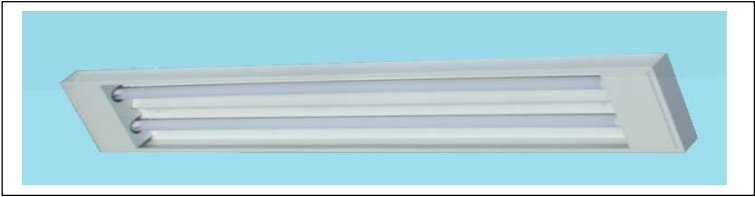


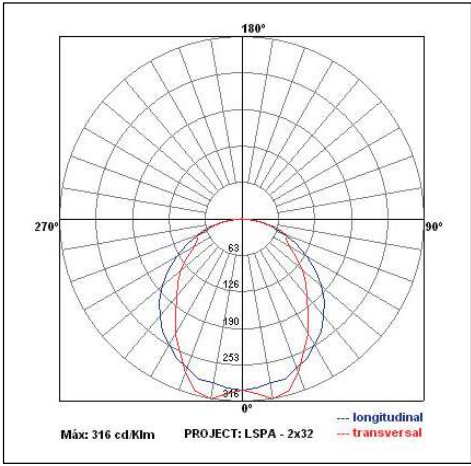
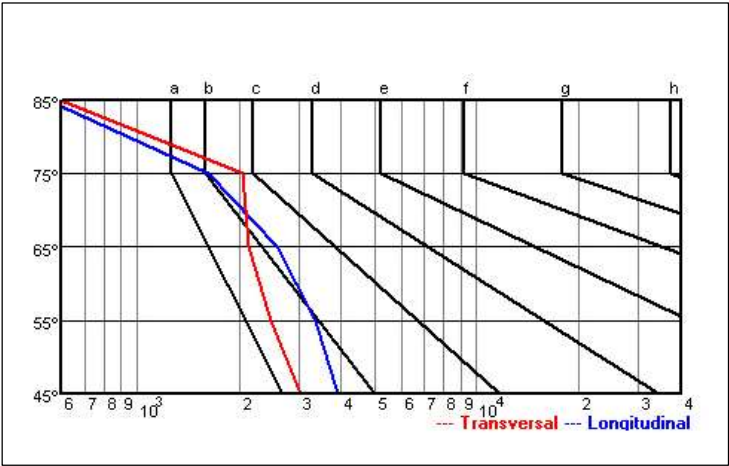


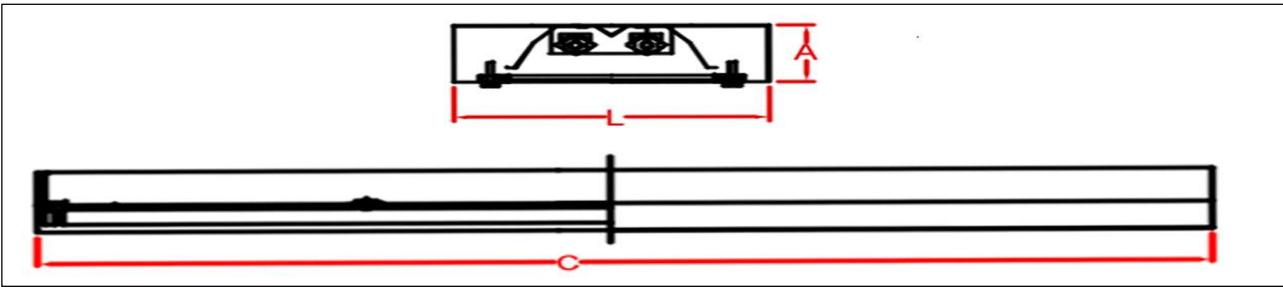
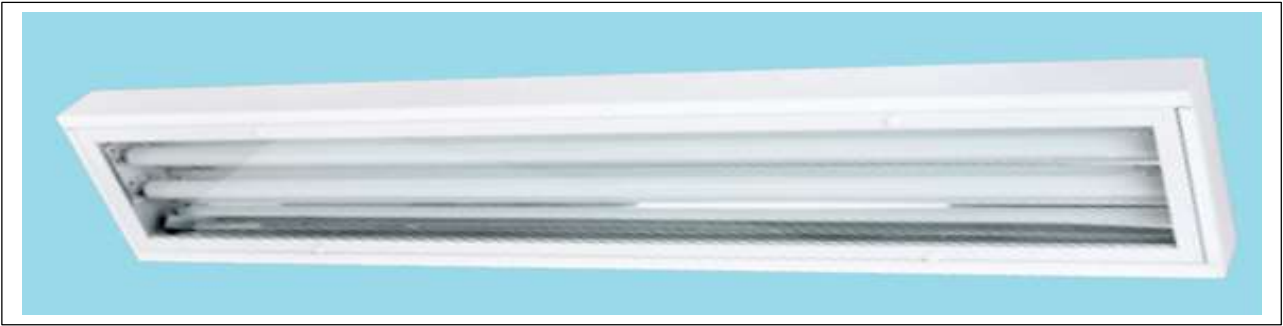


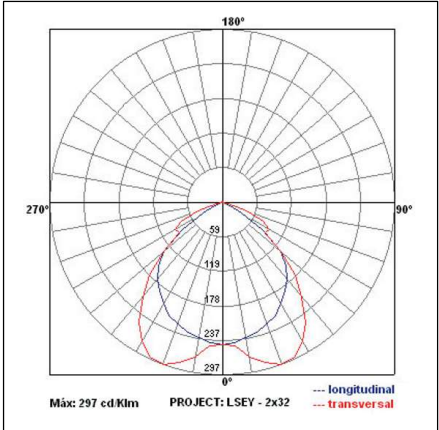
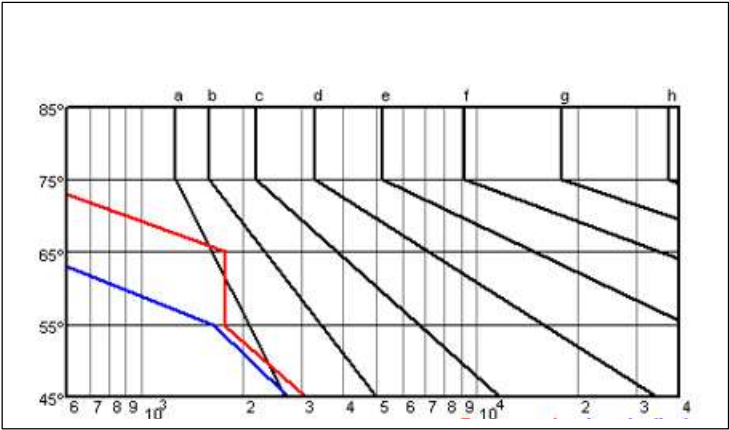


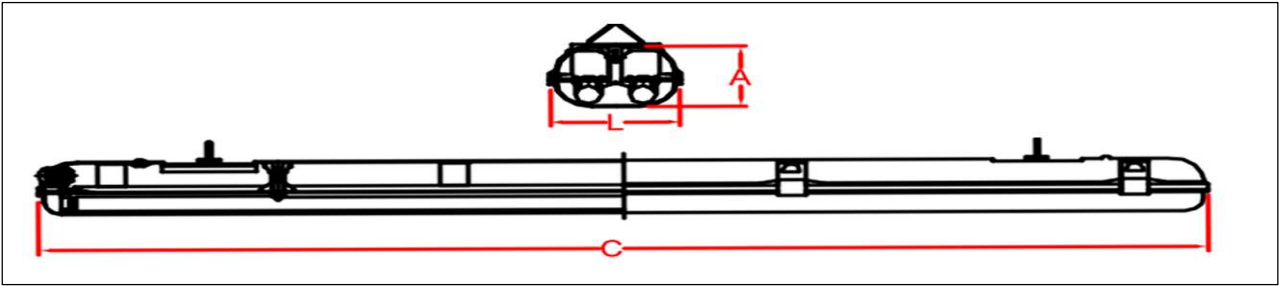
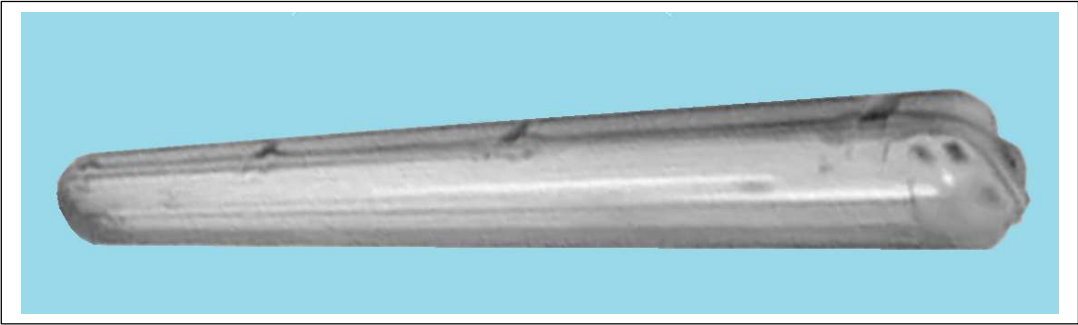


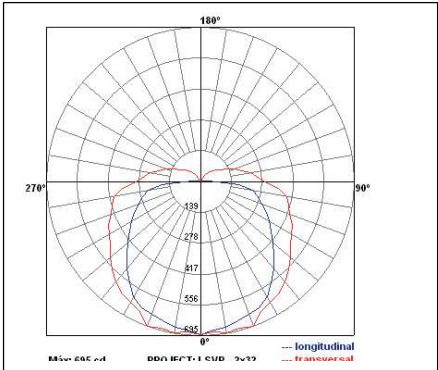
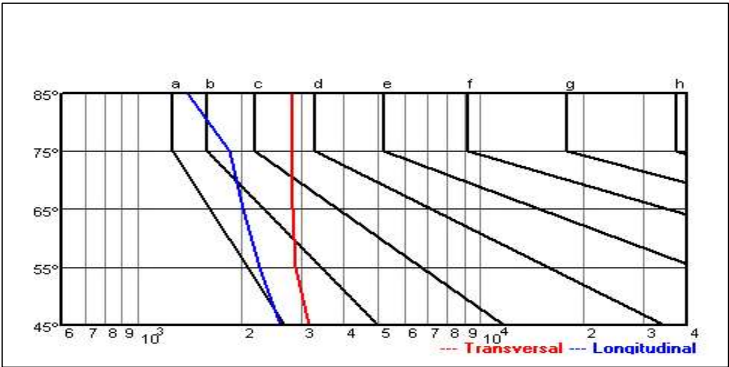


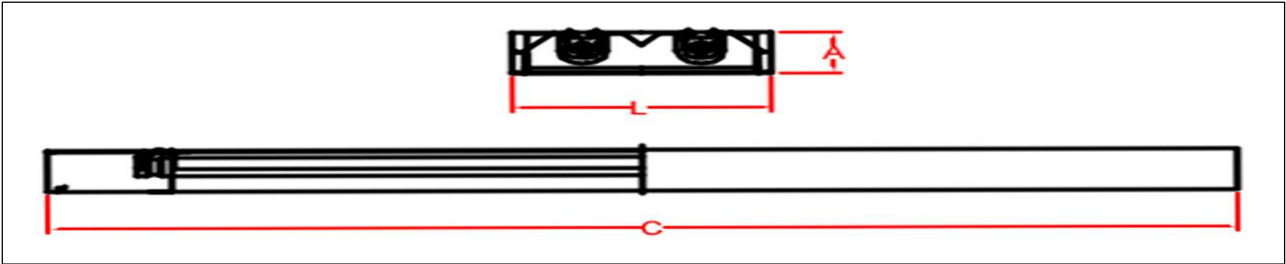


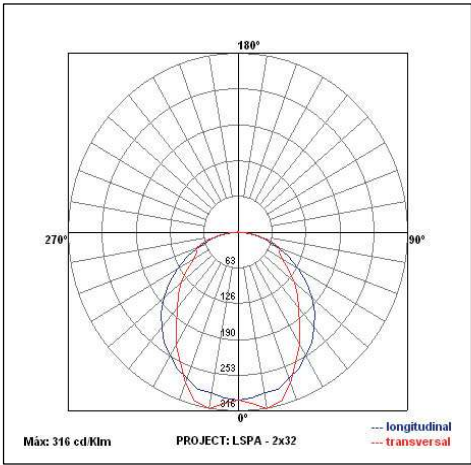
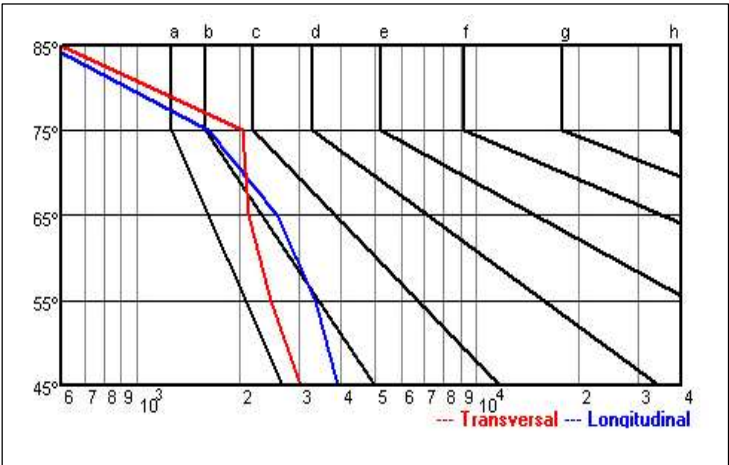


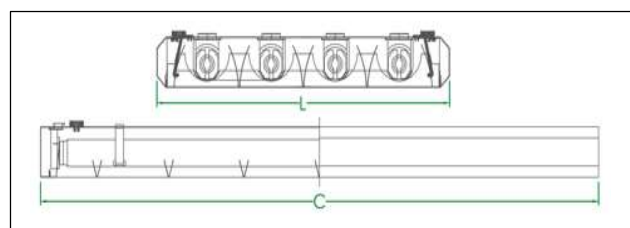
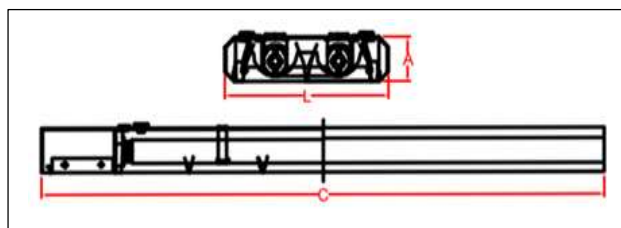
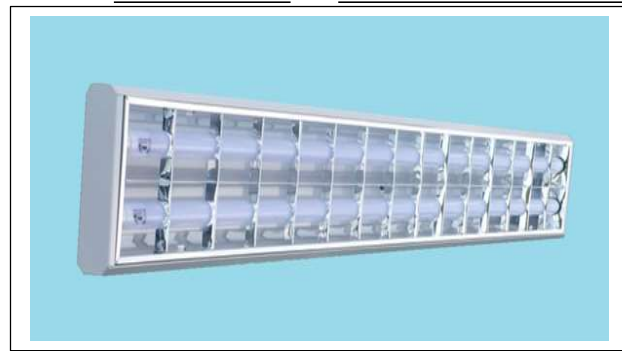


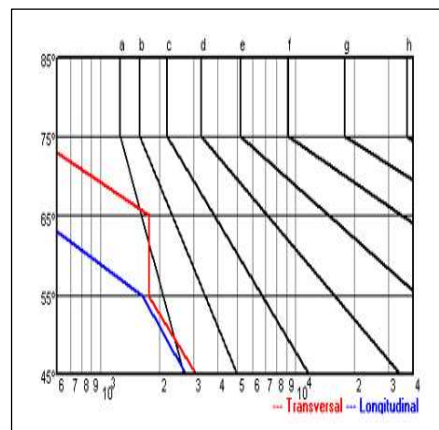
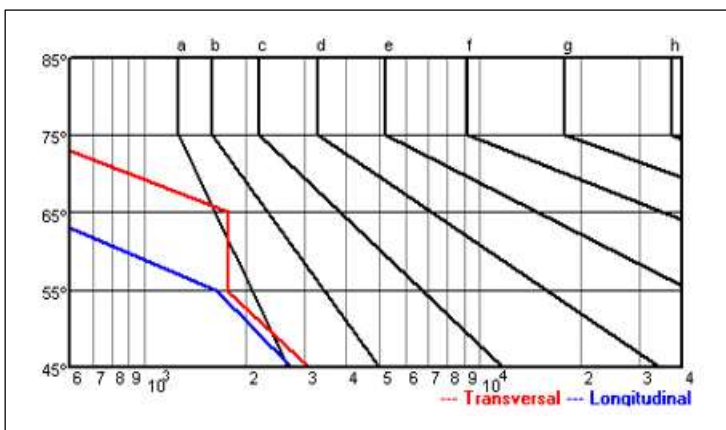


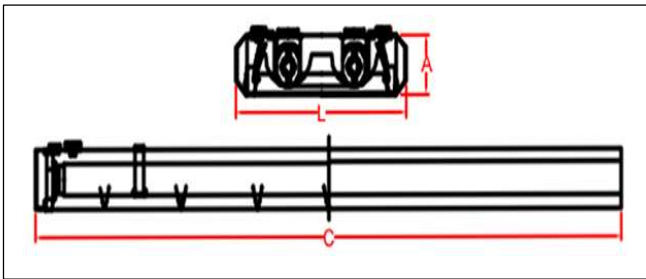
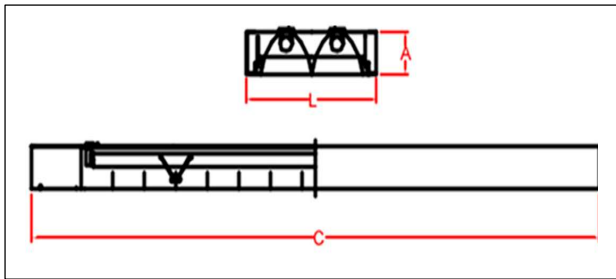


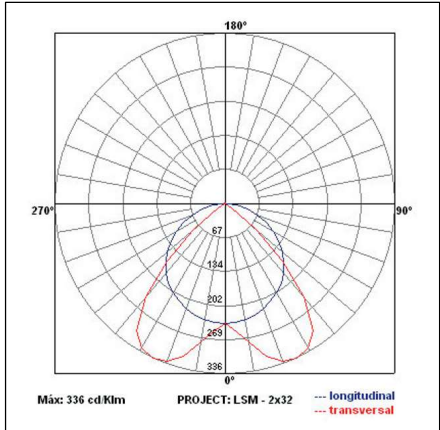
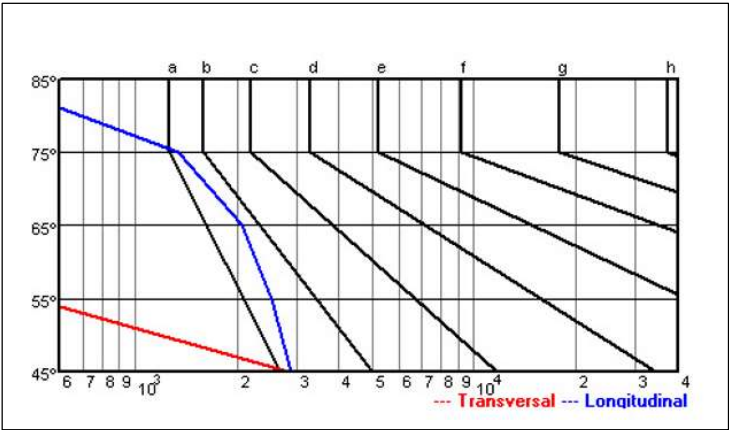


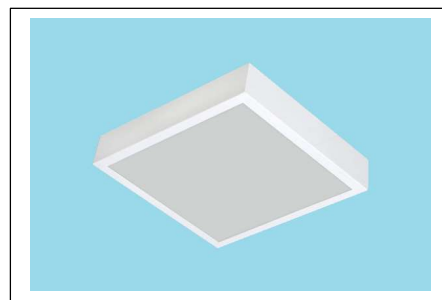
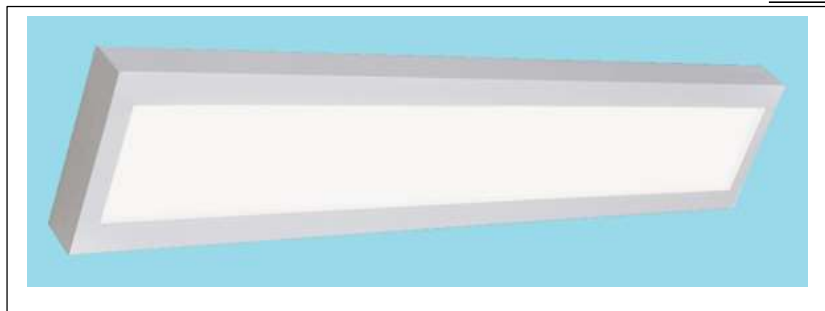




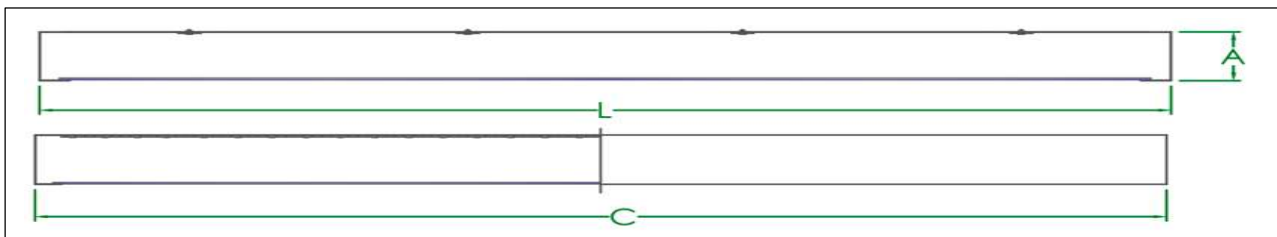


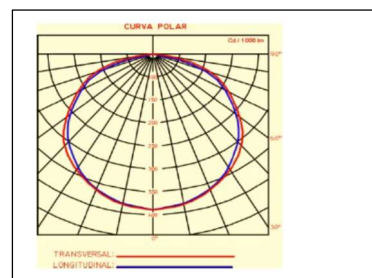


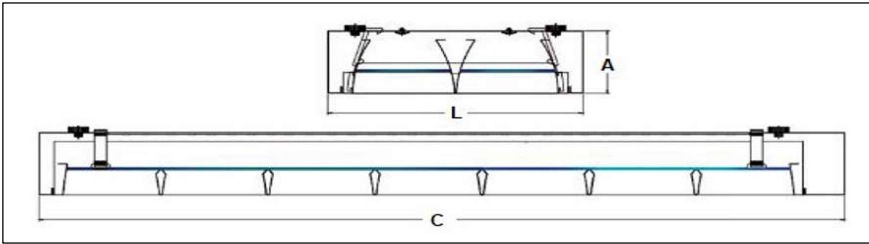


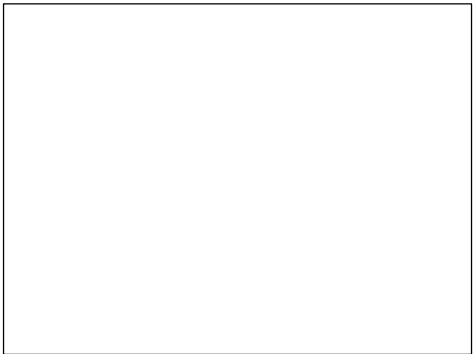
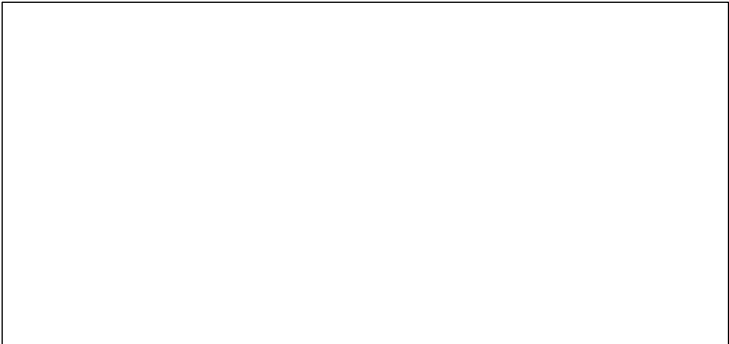


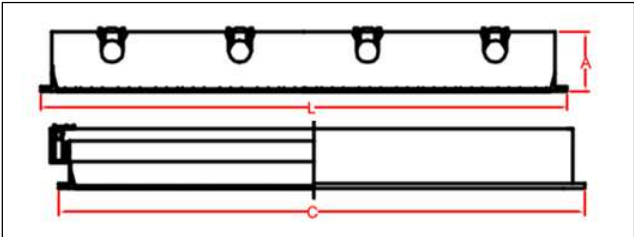
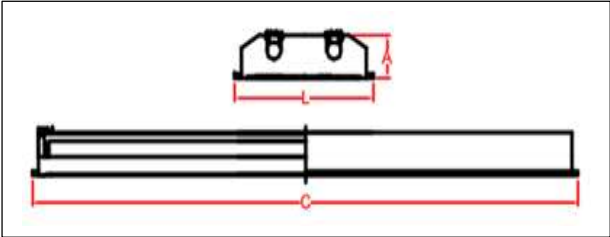
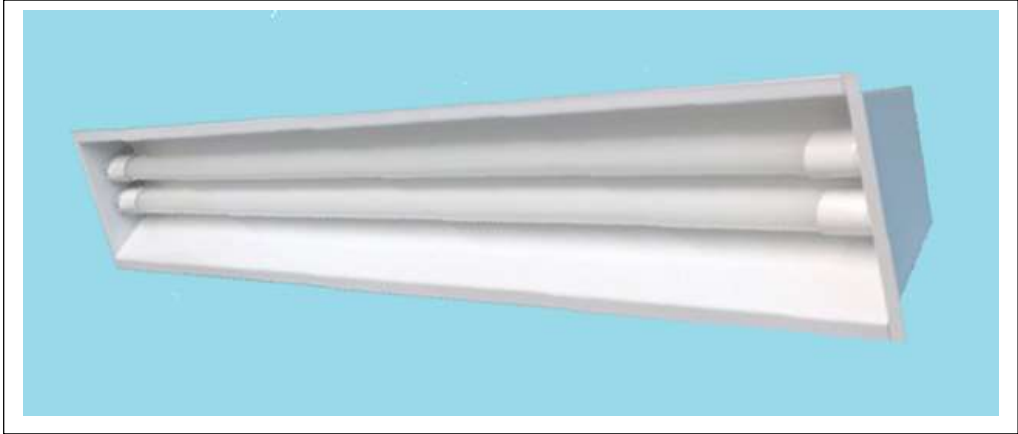
Luminária de sobrepor ou pendente em teto ou parede, com fixação através de ganchos ou parafusos. Corpo e refletor em chapa de aço tratada com pintura eletrostática epóxi na cor branca. Difusor plano em acrílico branco leitoso. Barras de LED com temperatura de cor de 3000, 4000 e 5700K, 120°, IRC 80, Driver Full Ranger 220V.AFP. IP-42 - Vida Útil 50.000h. Garantia de 3 anos.

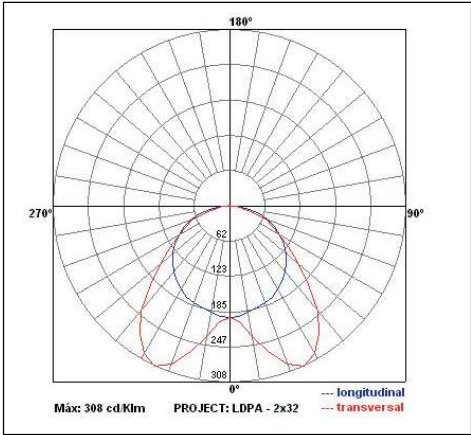
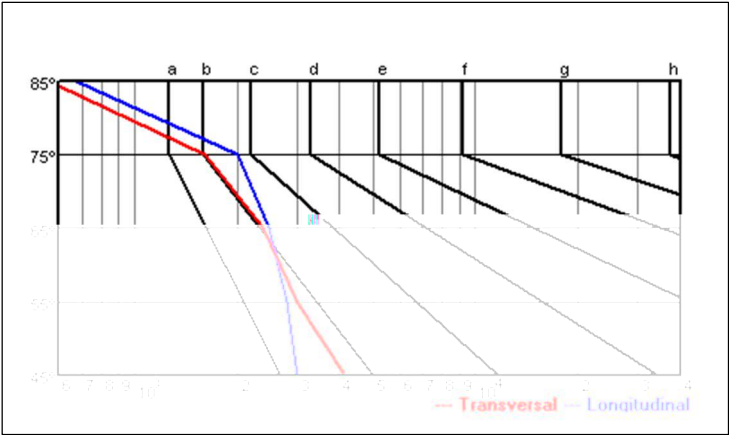


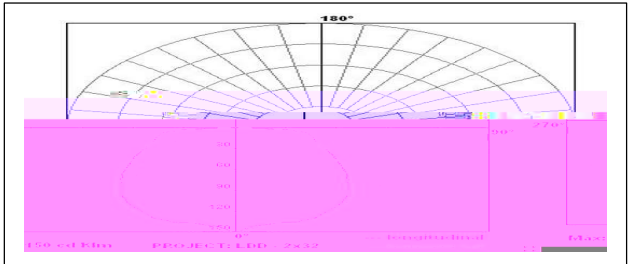
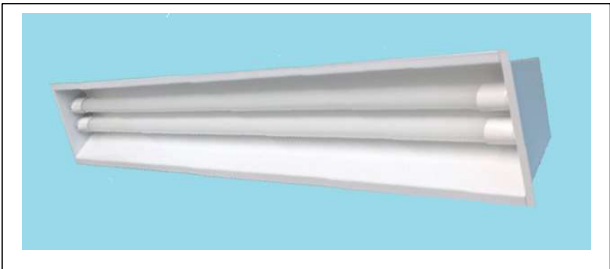
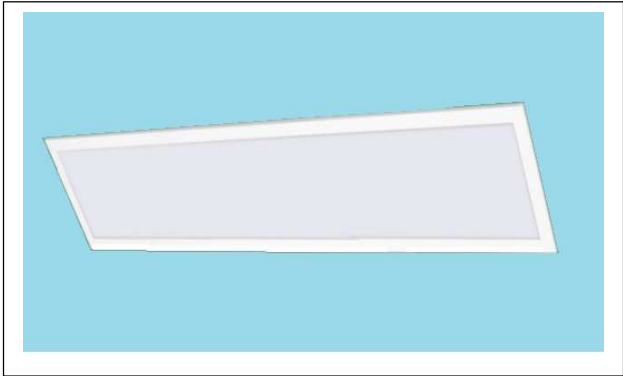


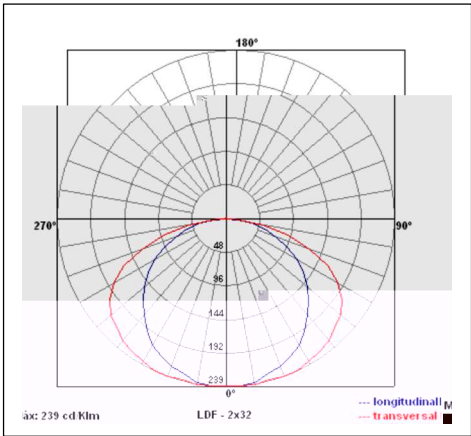
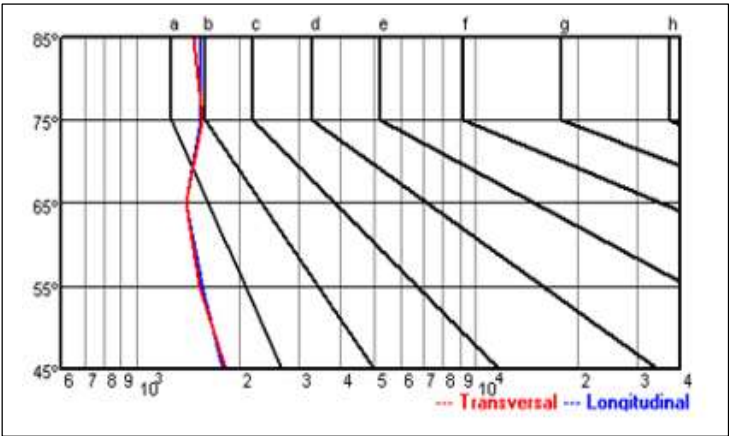


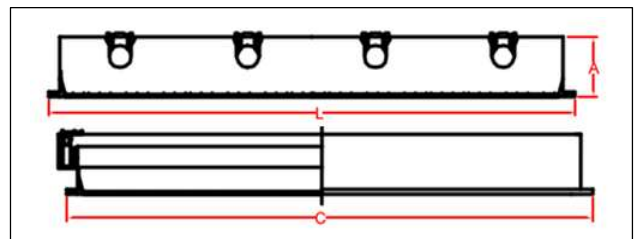
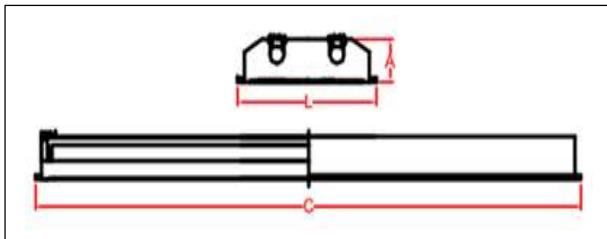
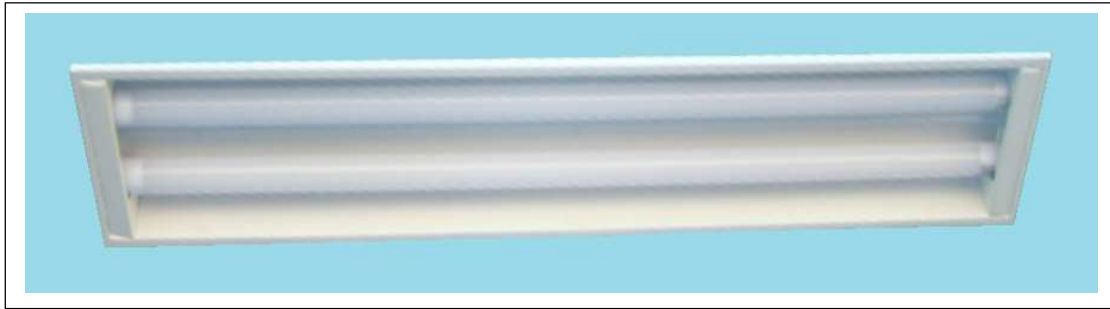


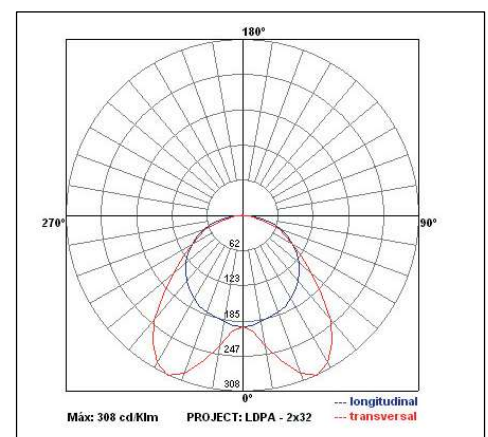
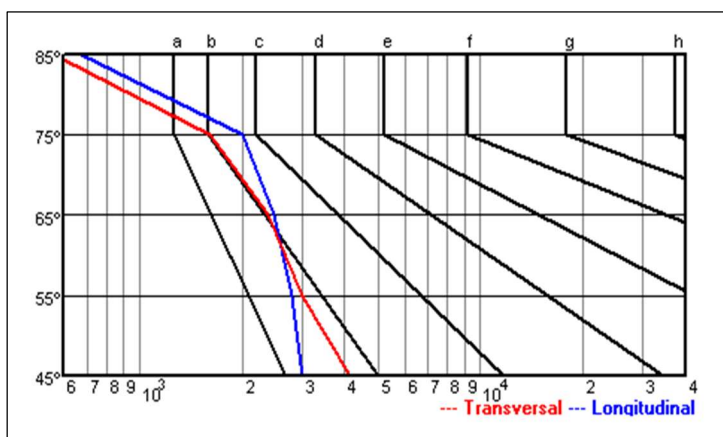


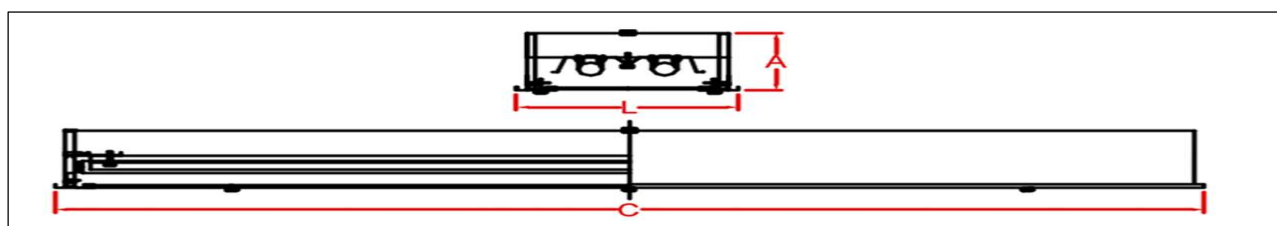


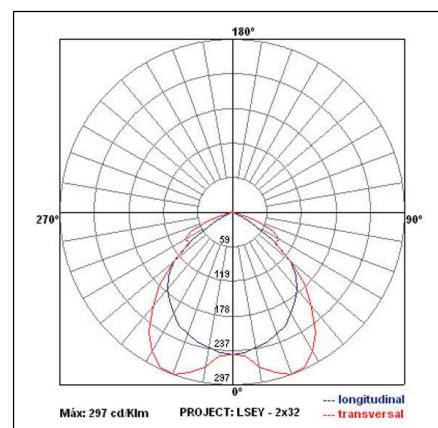
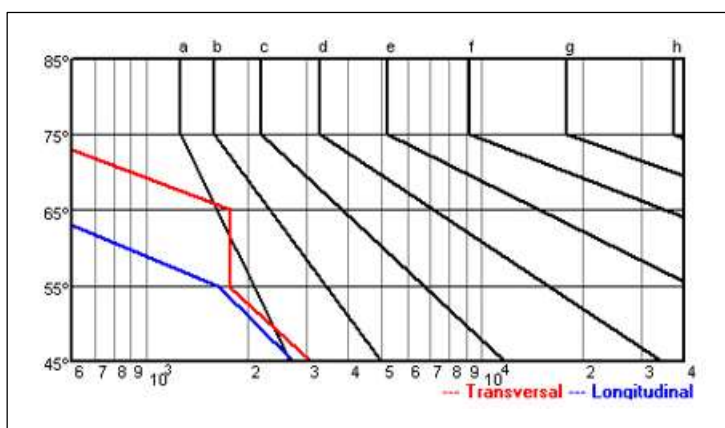




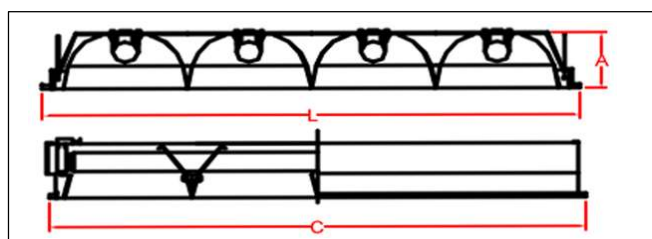
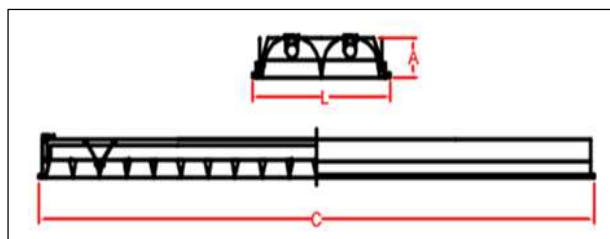


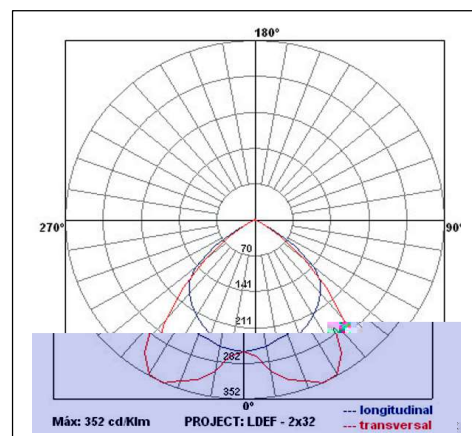
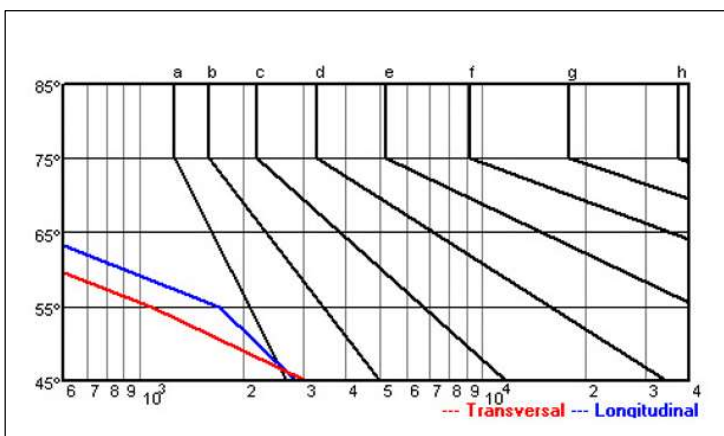


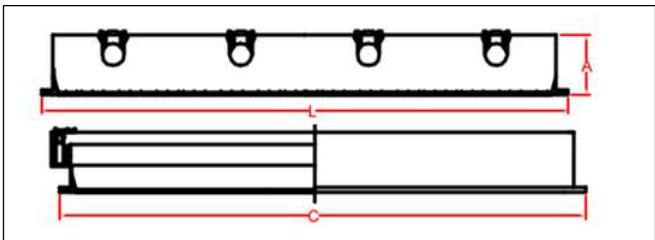
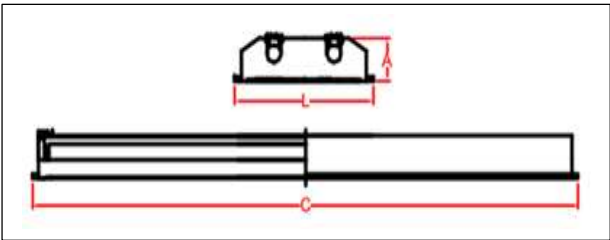
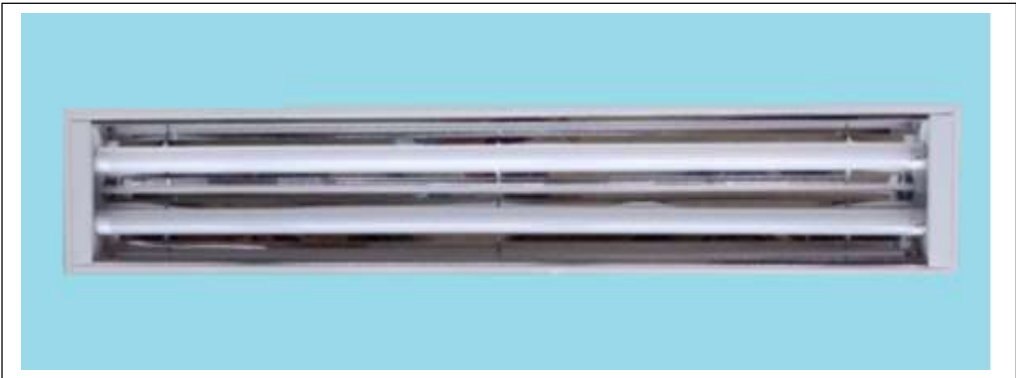


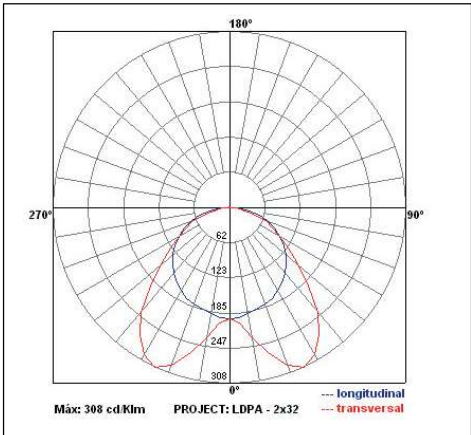
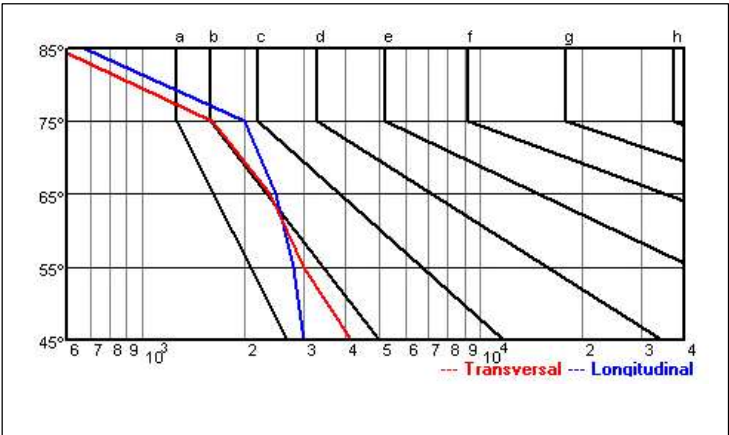


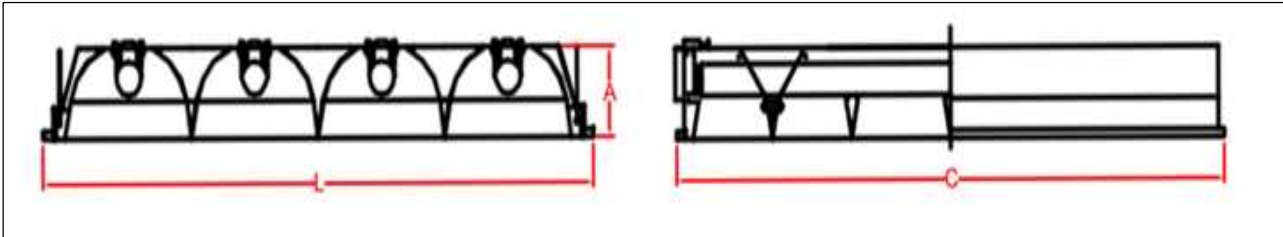
Devido a constante aprimoramento deste produto, reservamo-nos o direito de alterá-lo a qualquer momento sem prévio aviso.

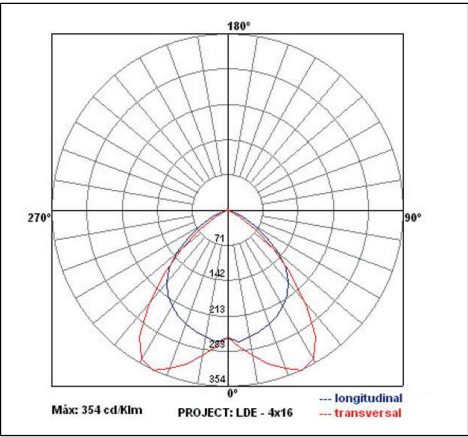
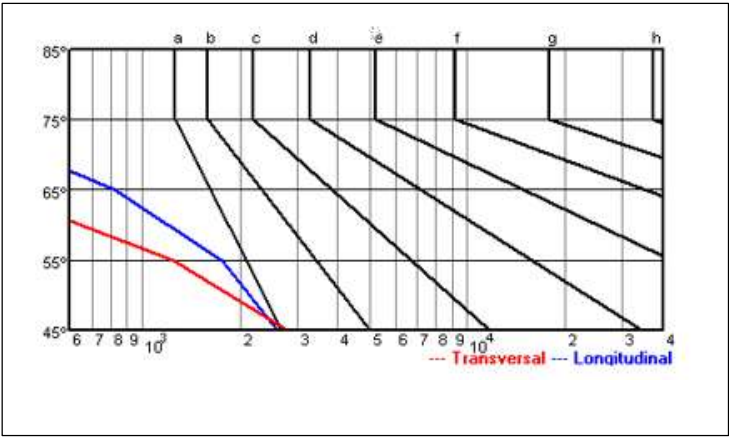


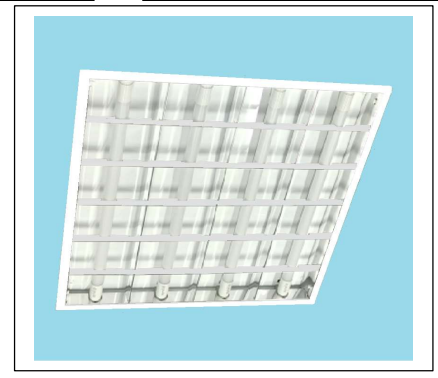








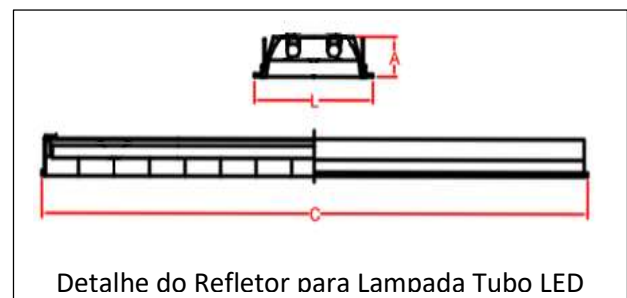
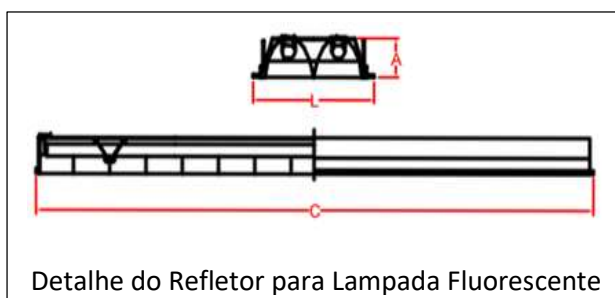




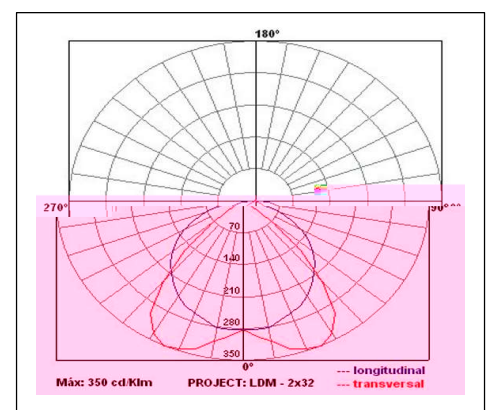
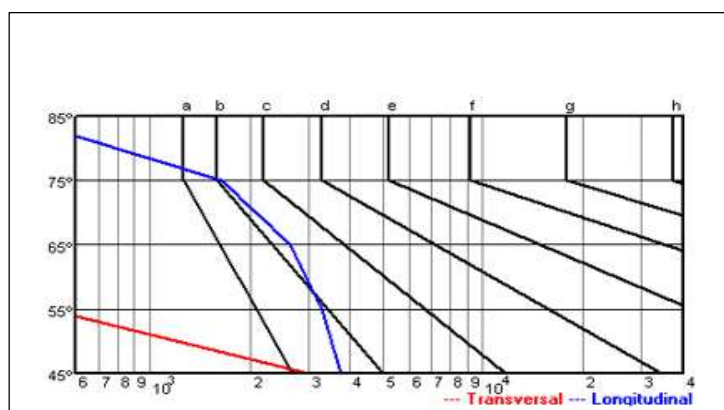
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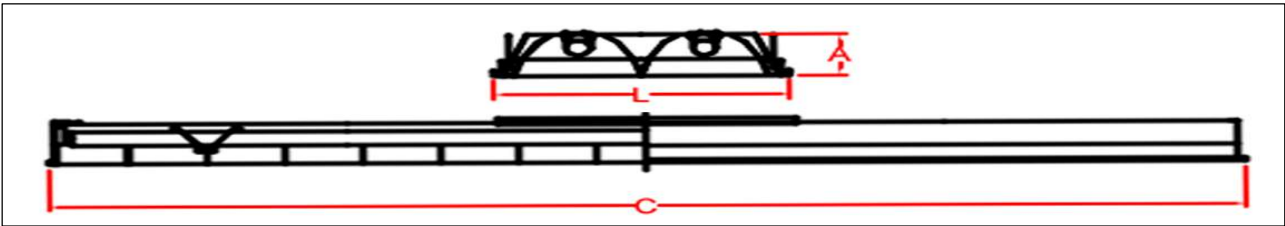
Luminária de embutir em forro de gesso ou modulado. Corpo e aletas confeccionados em chapa de aço tratada com pintura eletrostática epóxi na cor branca. Refletor parabólico em alumínio de alto brilho, Soquetes em policarbonato antivibratório de engate rápido, Alojamento para instalação de reator fluorescente em cima do corpo, ou uso de lâmpadas TuboLed.

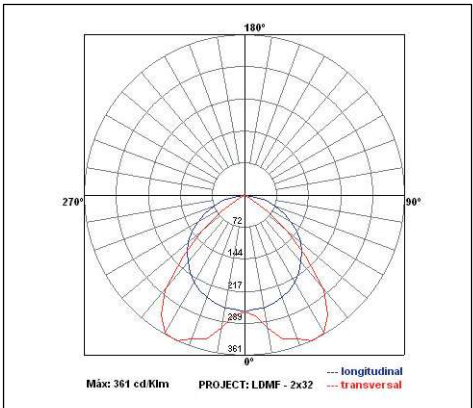
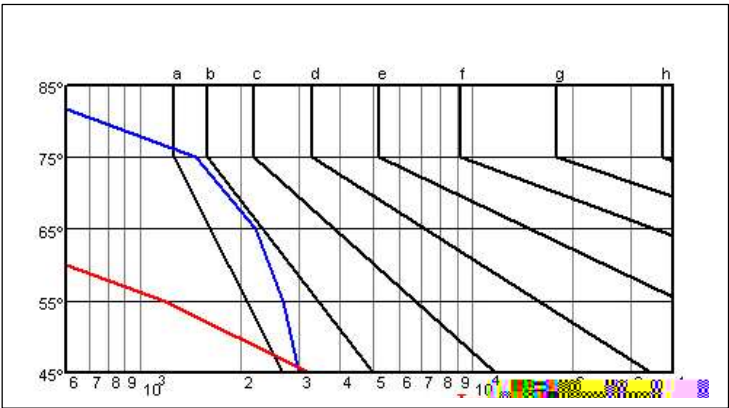


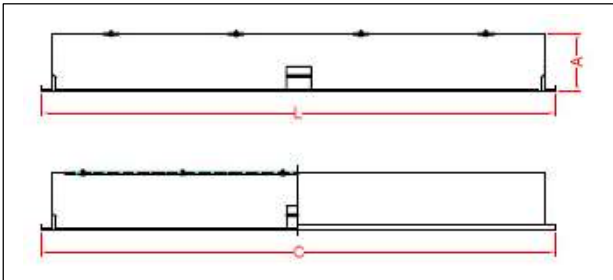
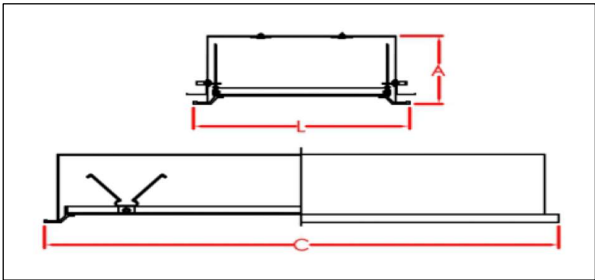
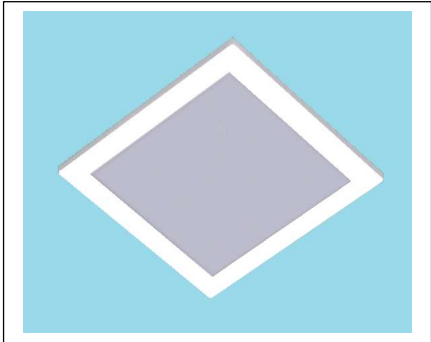
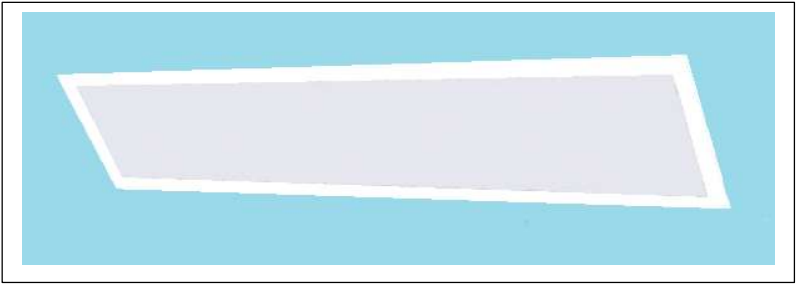
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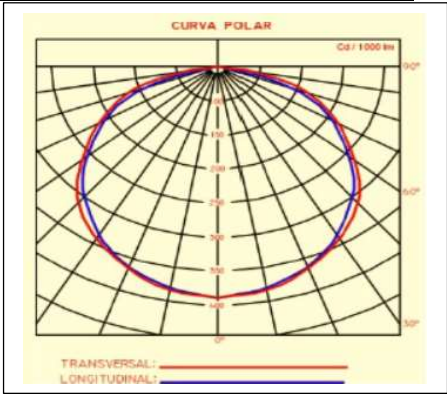


Devido a constante aprimoramento deste produto, reservamo-nos o direito de alterá-lo a qualquer momento sem prévio aviso.



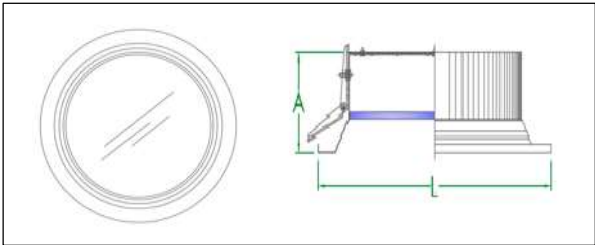


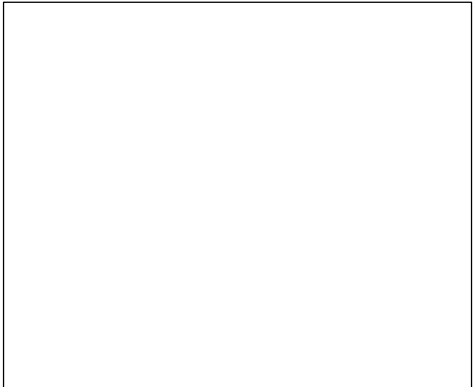
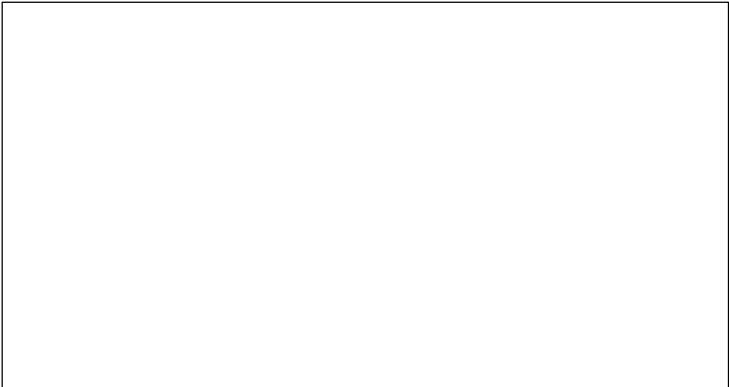


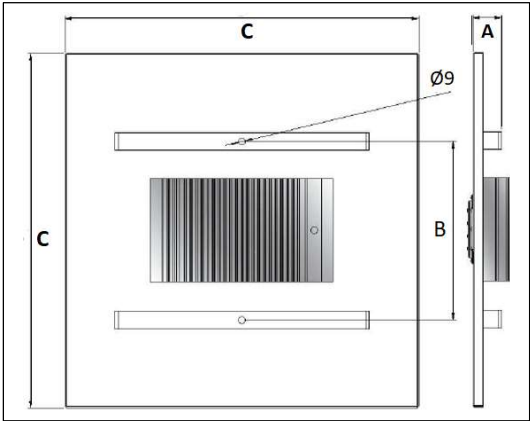


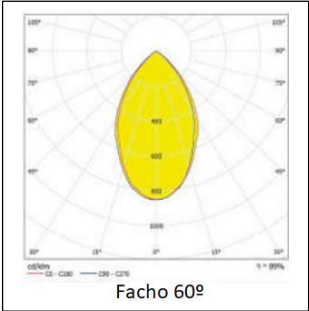
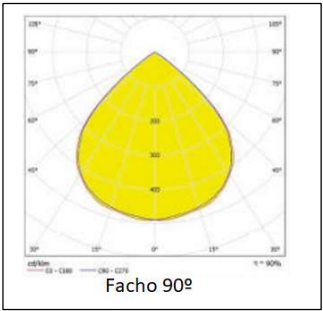
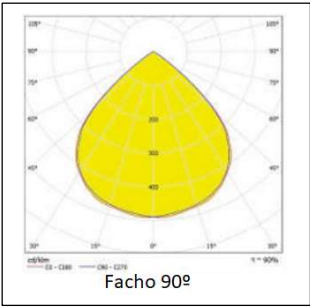


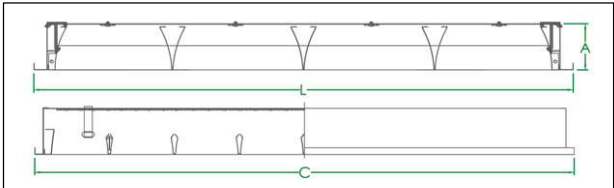
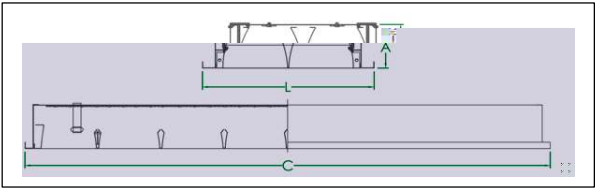
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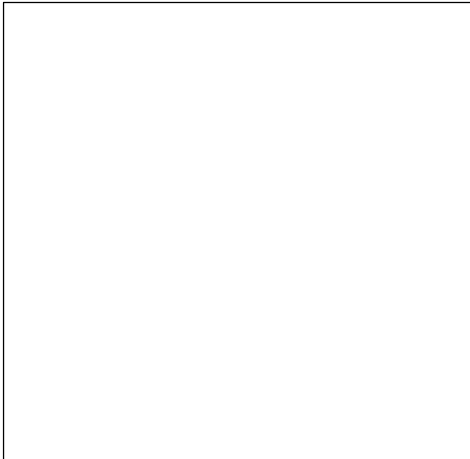
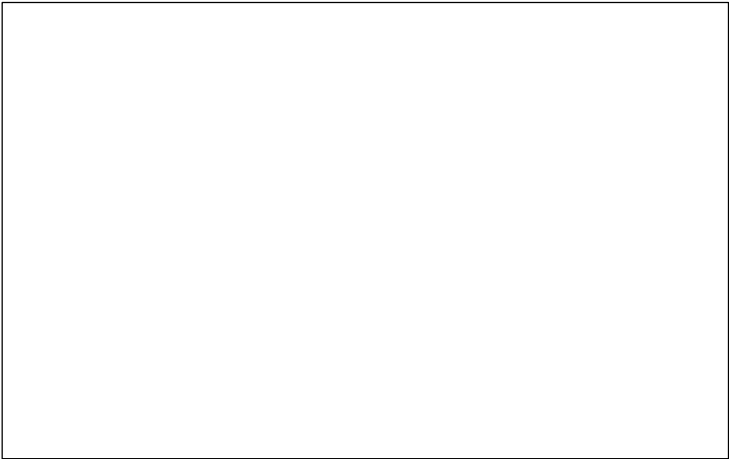


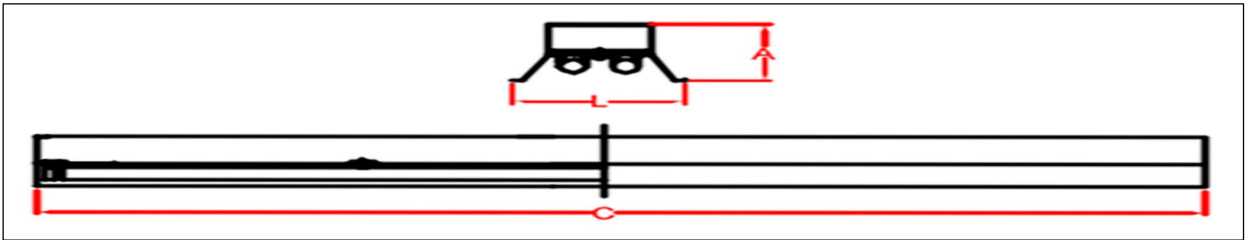


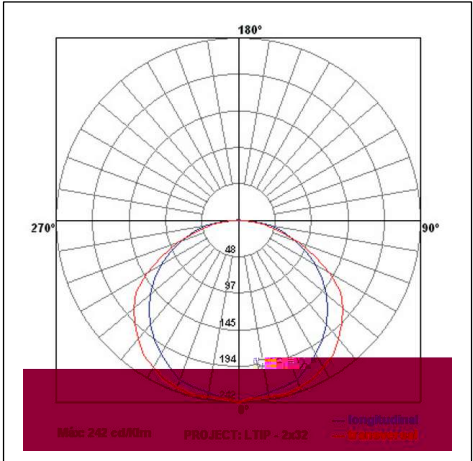
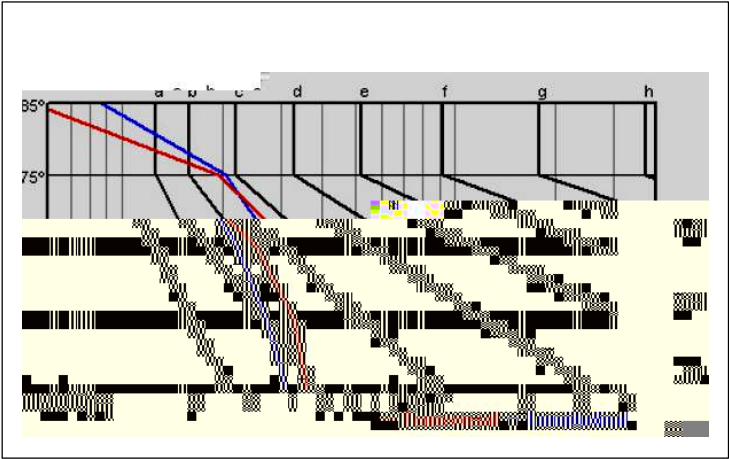


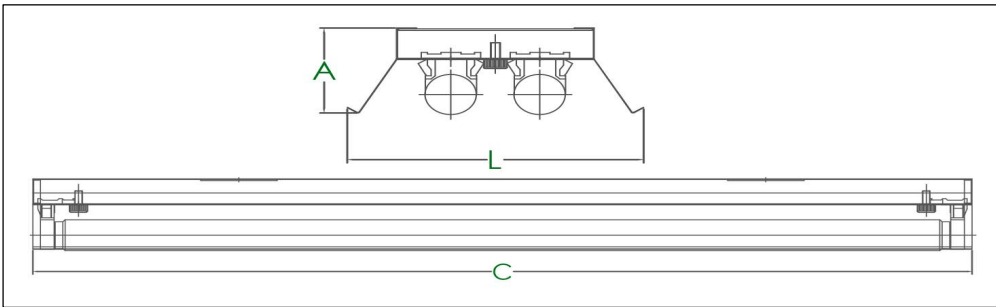
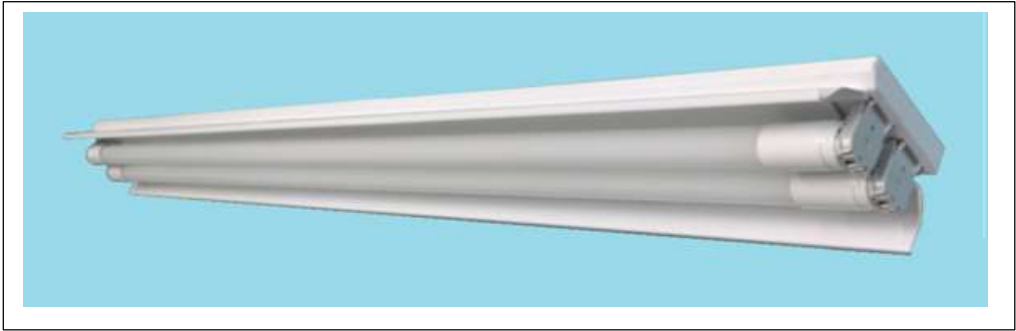


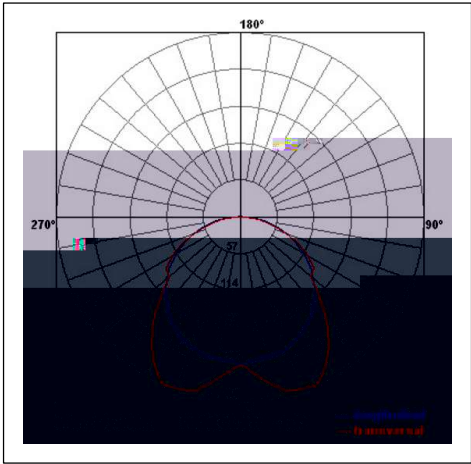
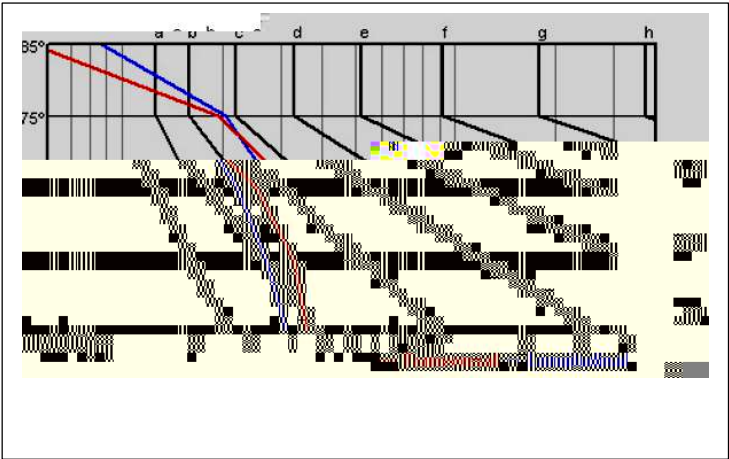


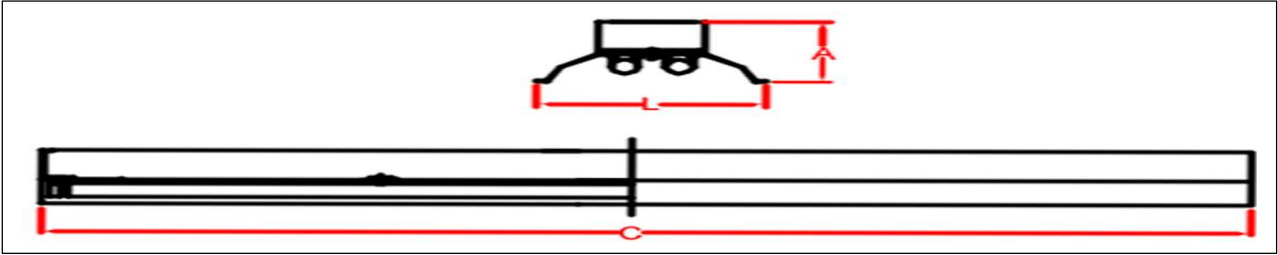


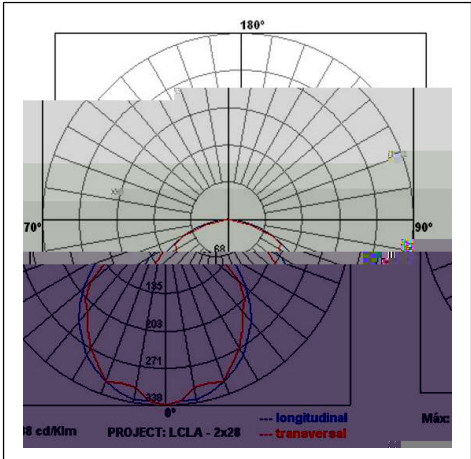
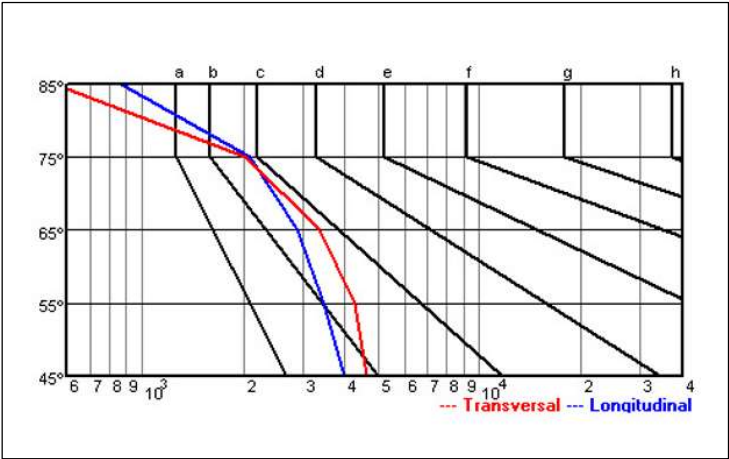


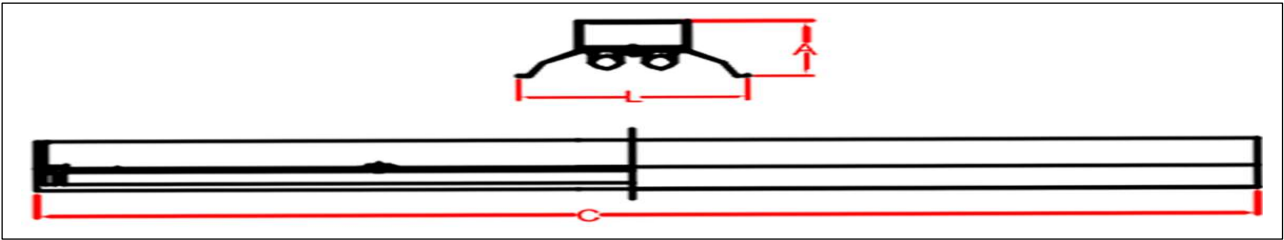


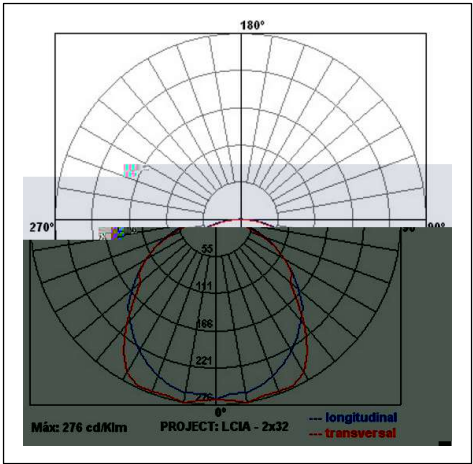
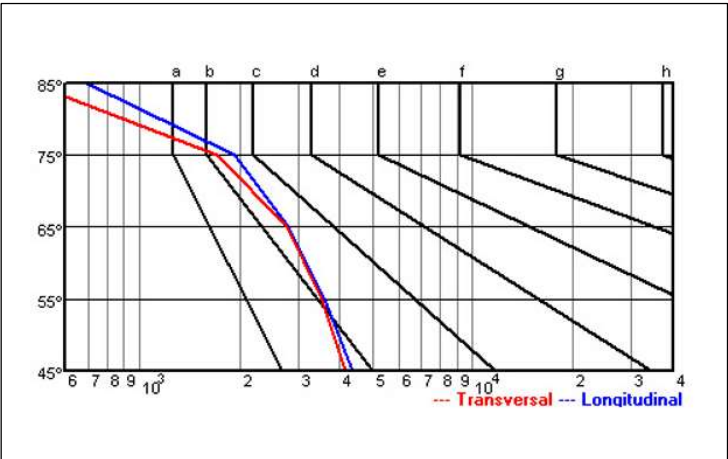




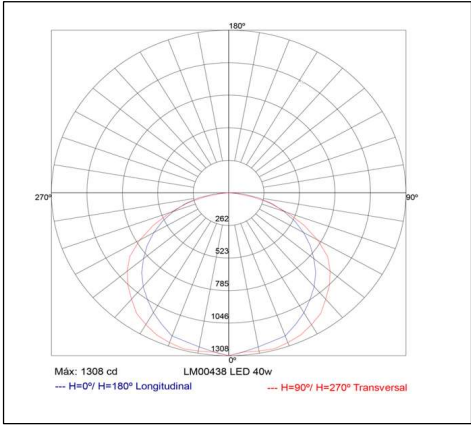
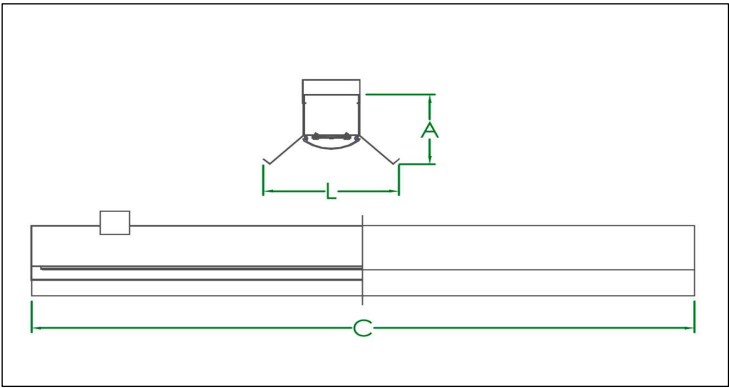


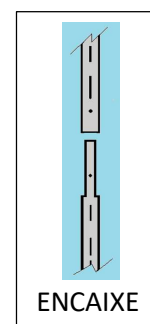
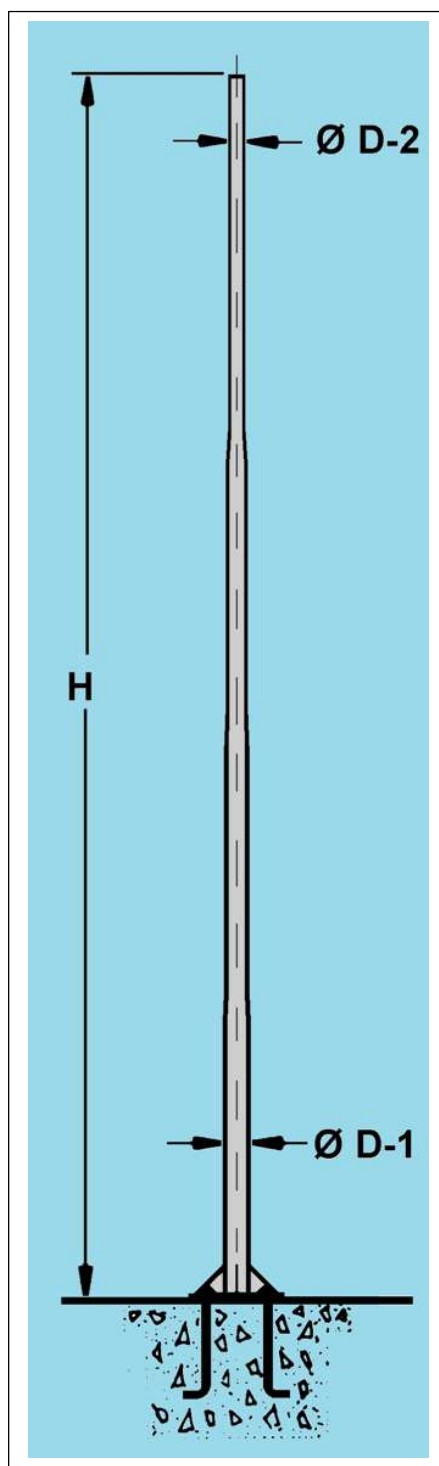
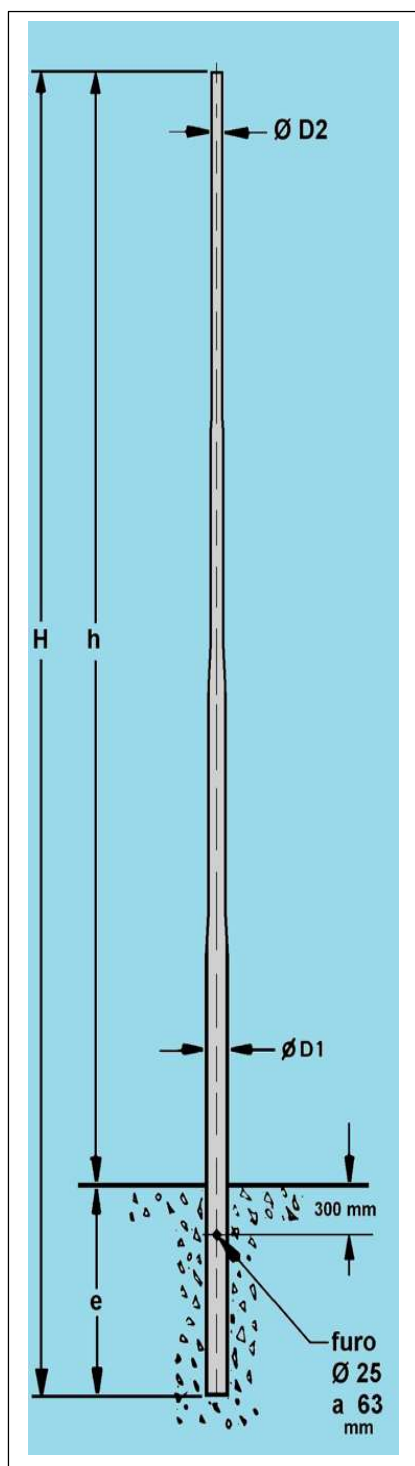




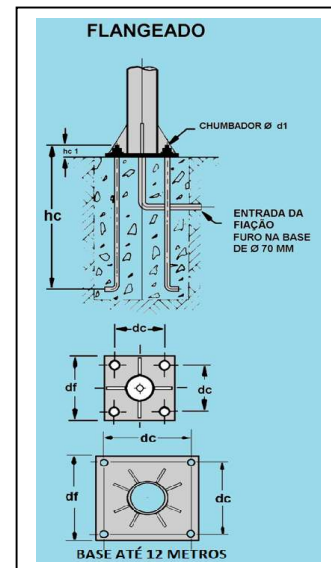
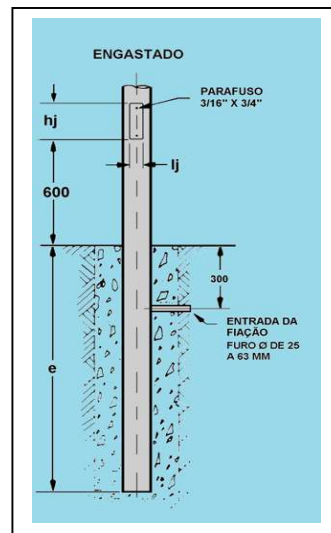






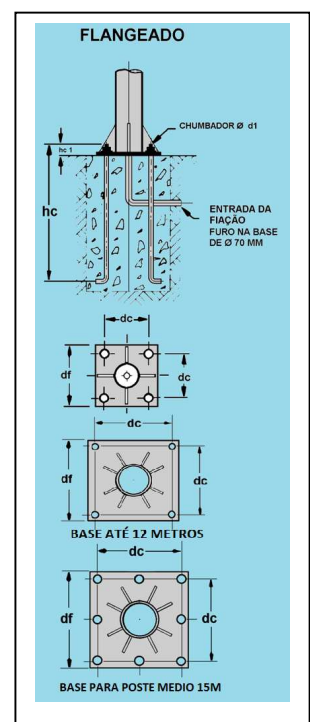
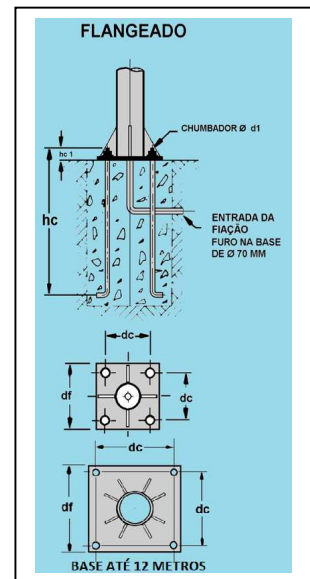
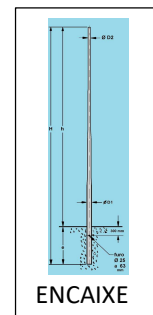
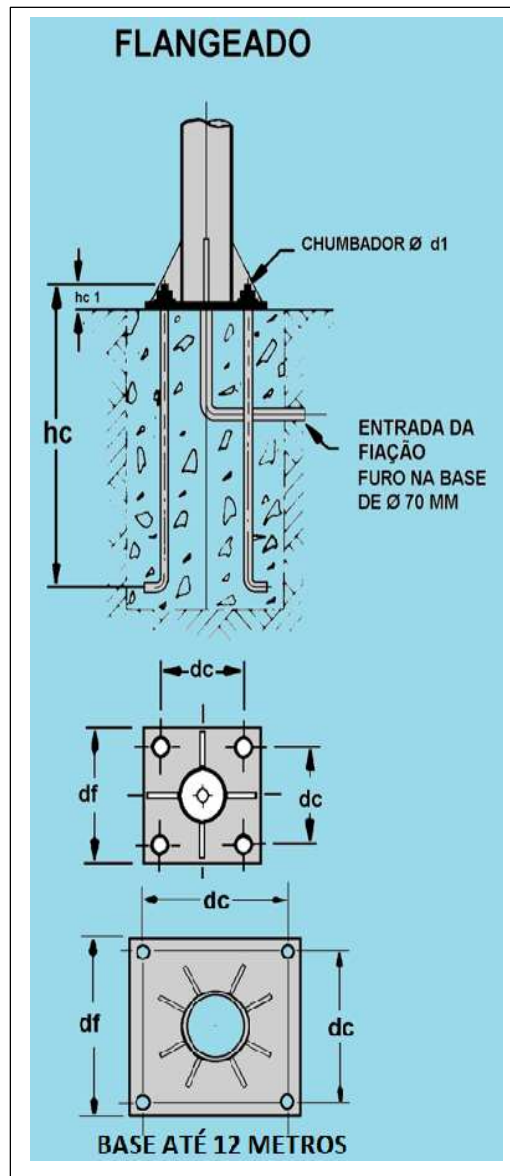
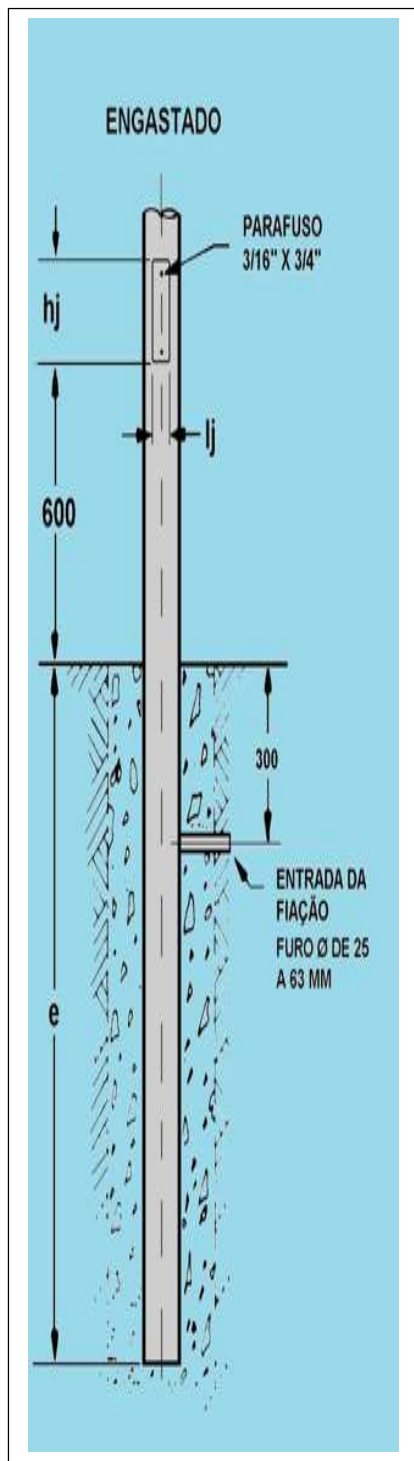


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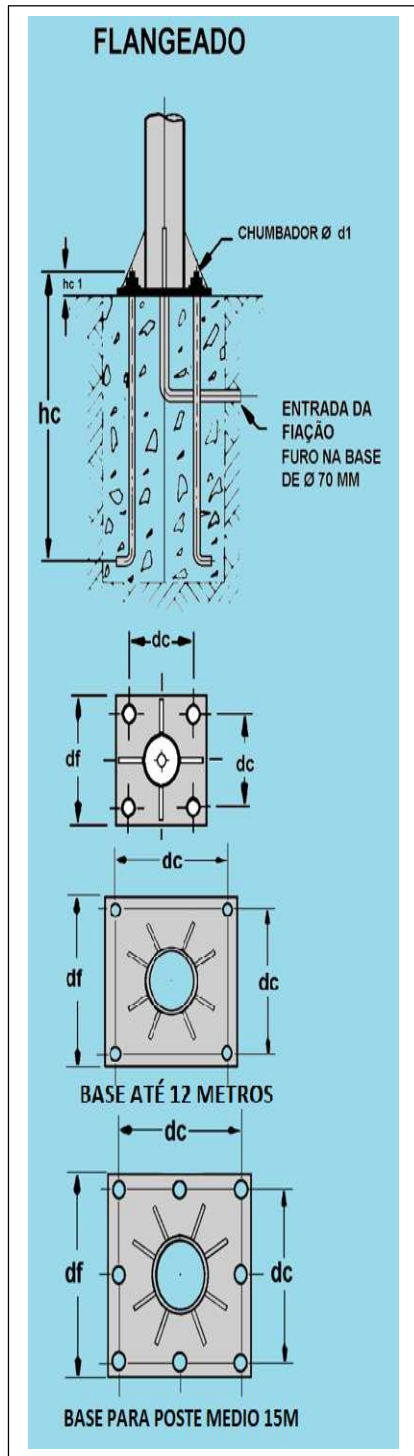


conforme NBR 6323/2007.

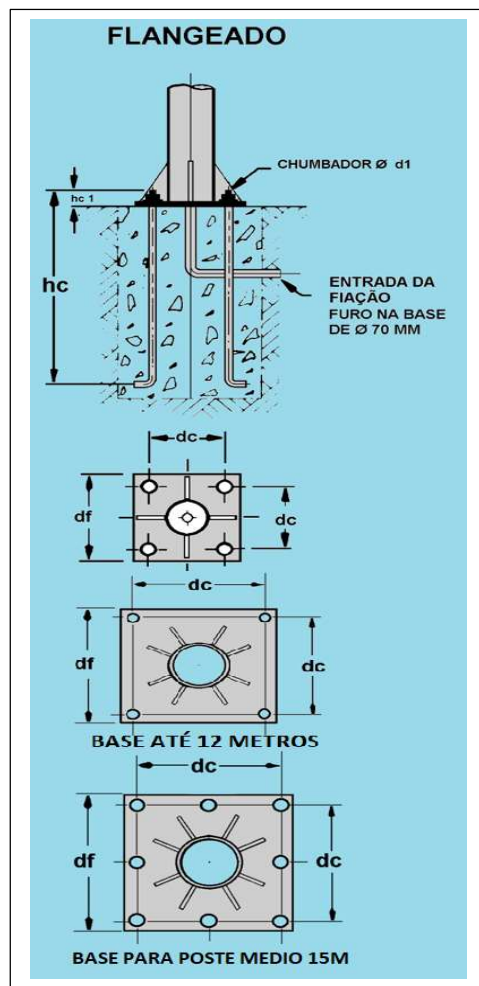
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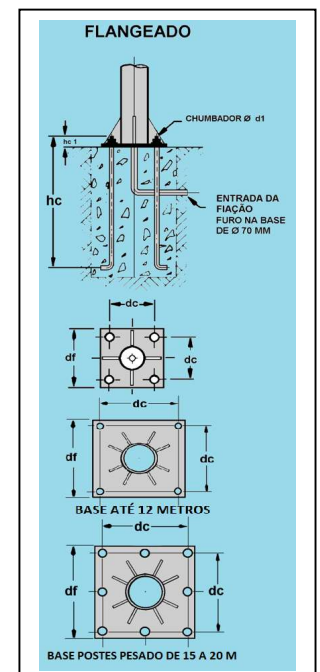
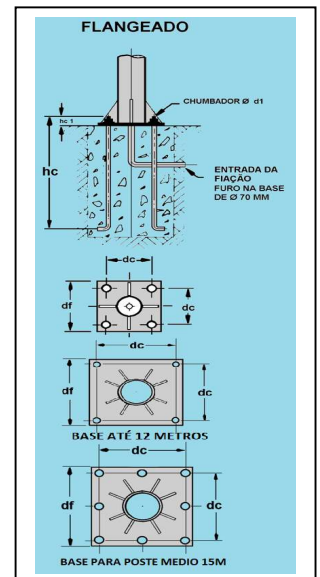
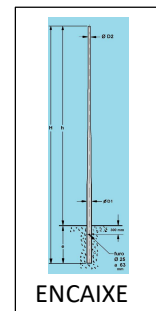
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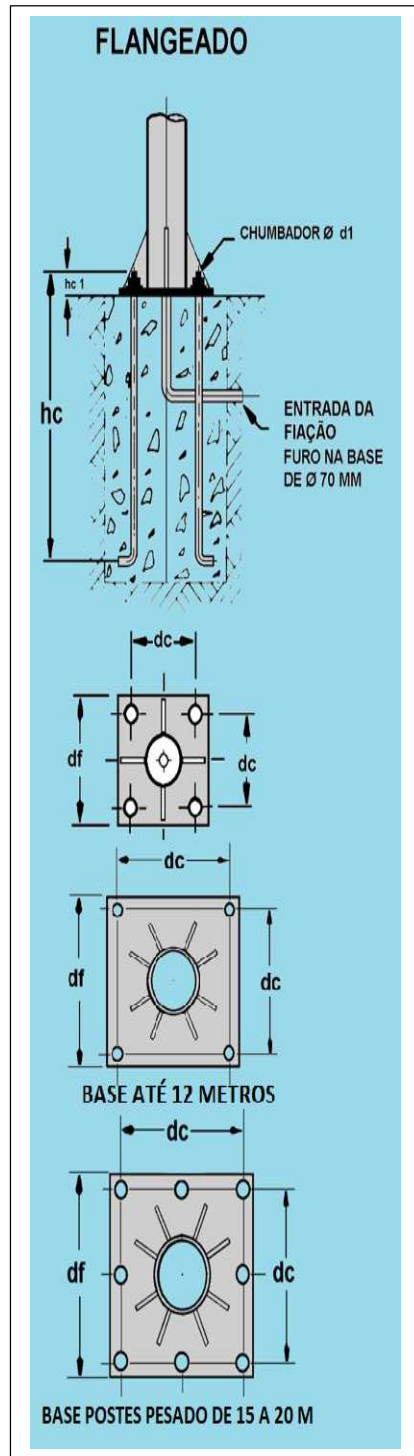
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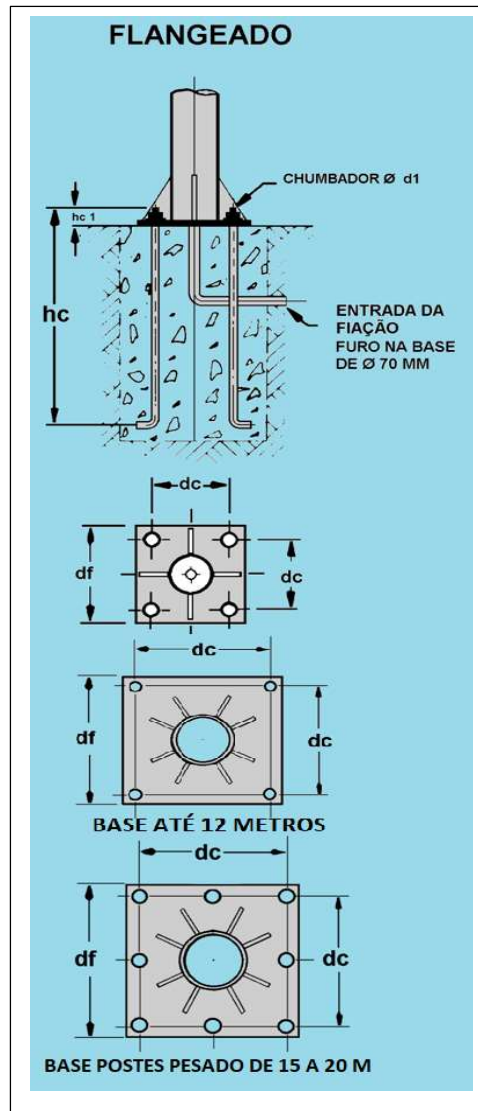
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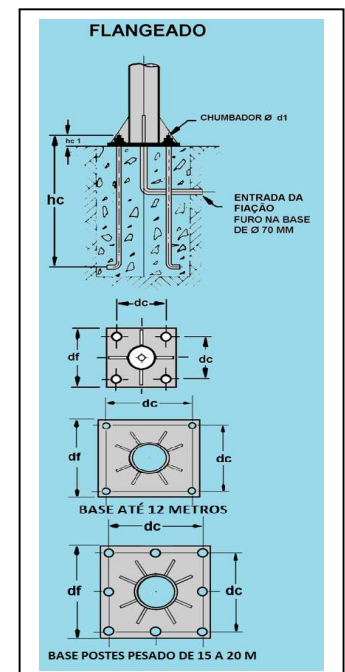
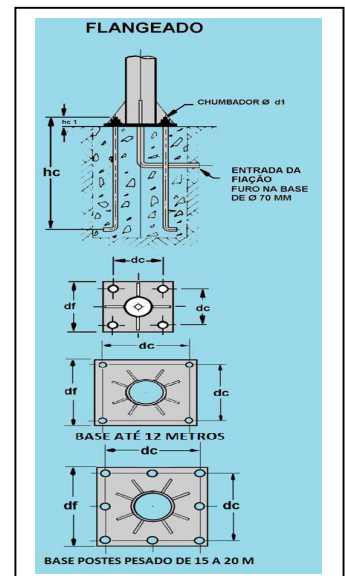
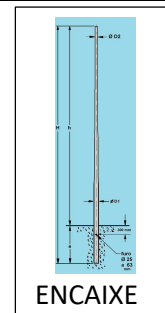
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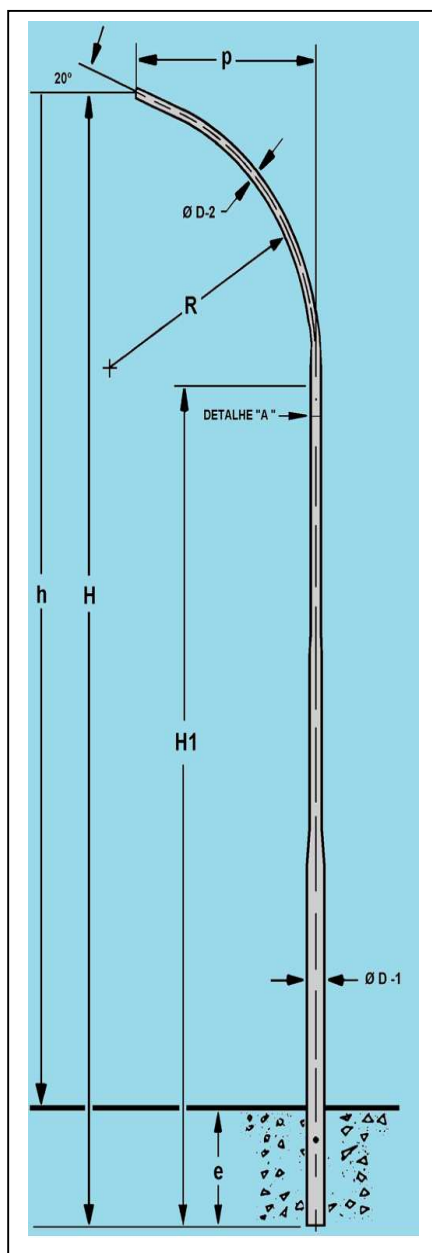
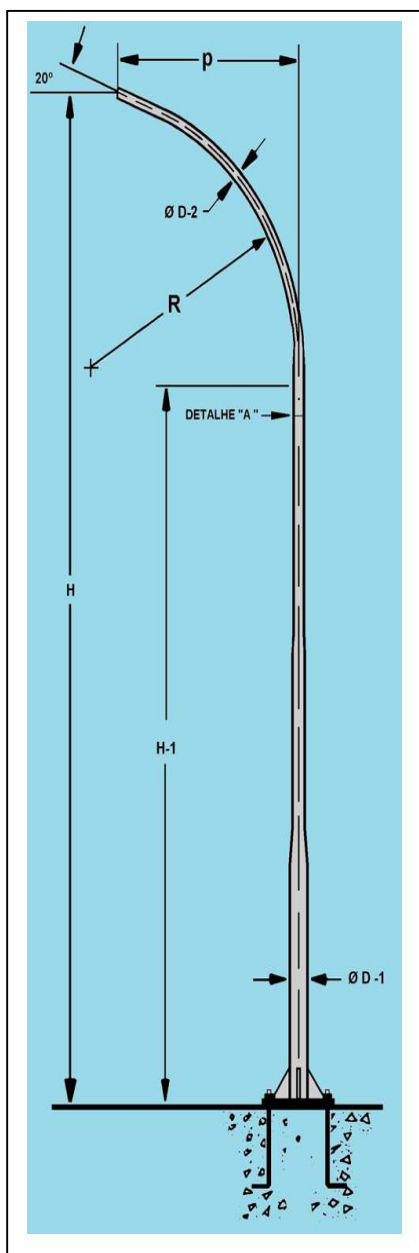
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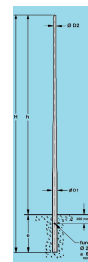
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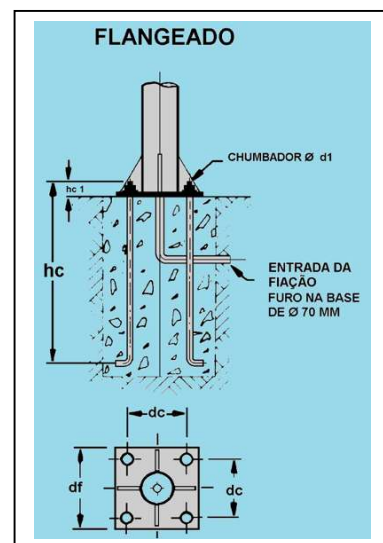
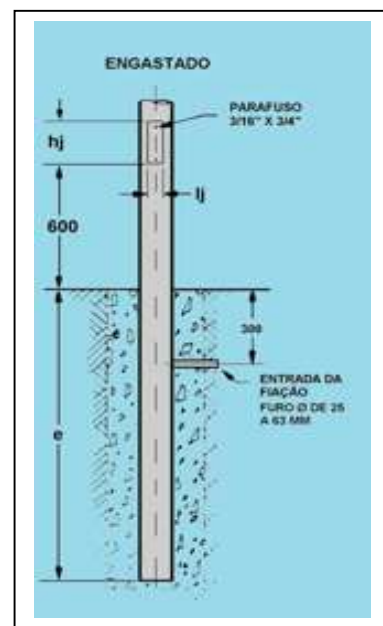
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DETALHE "A"

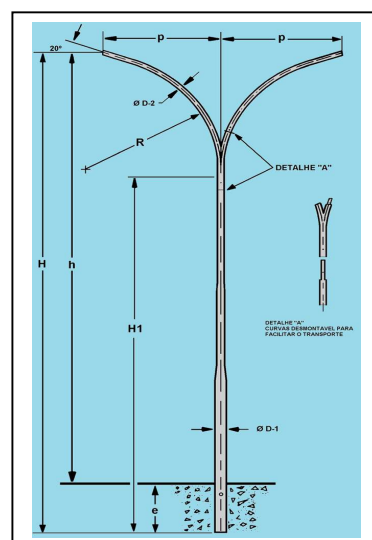
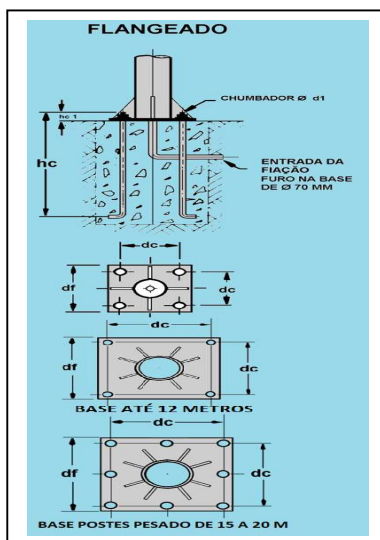
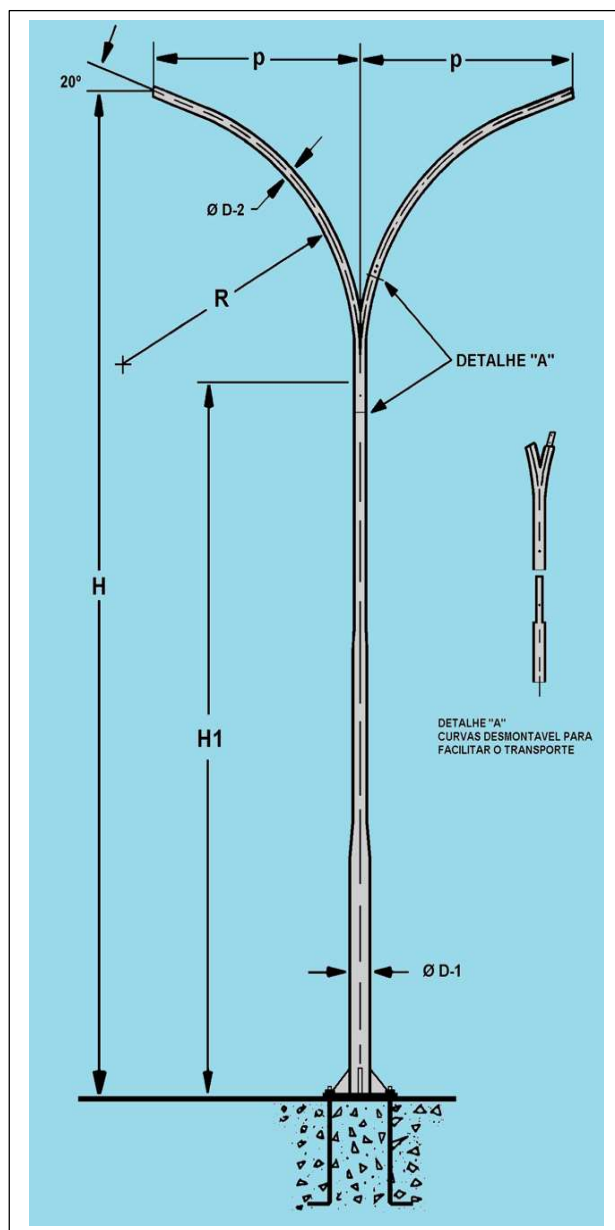
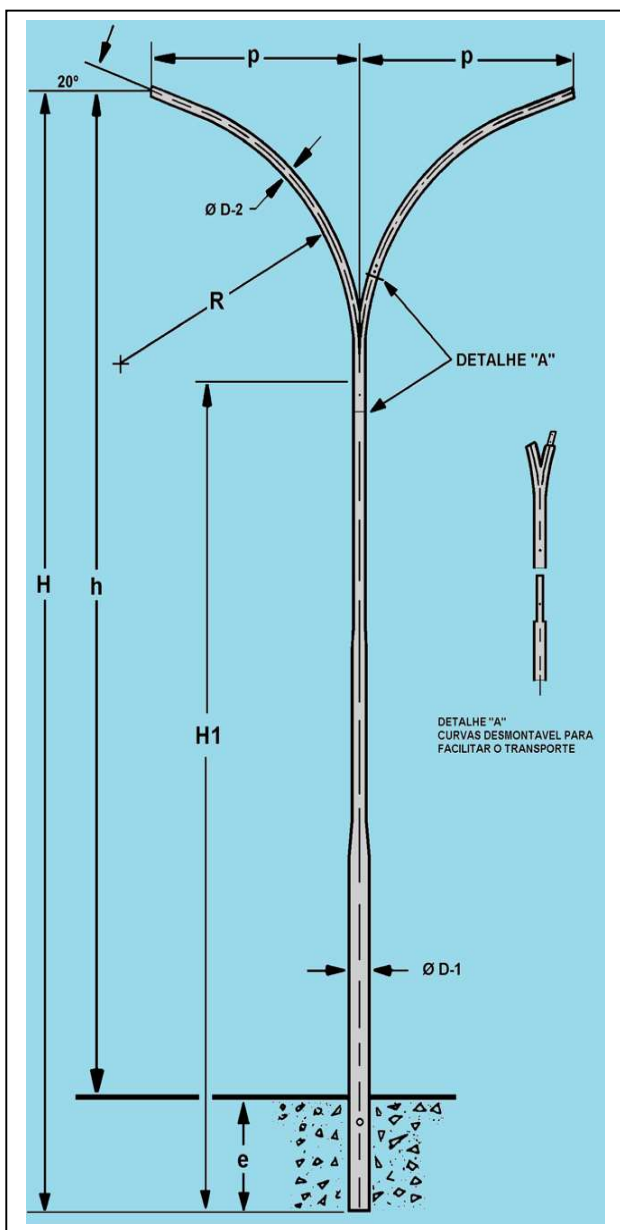


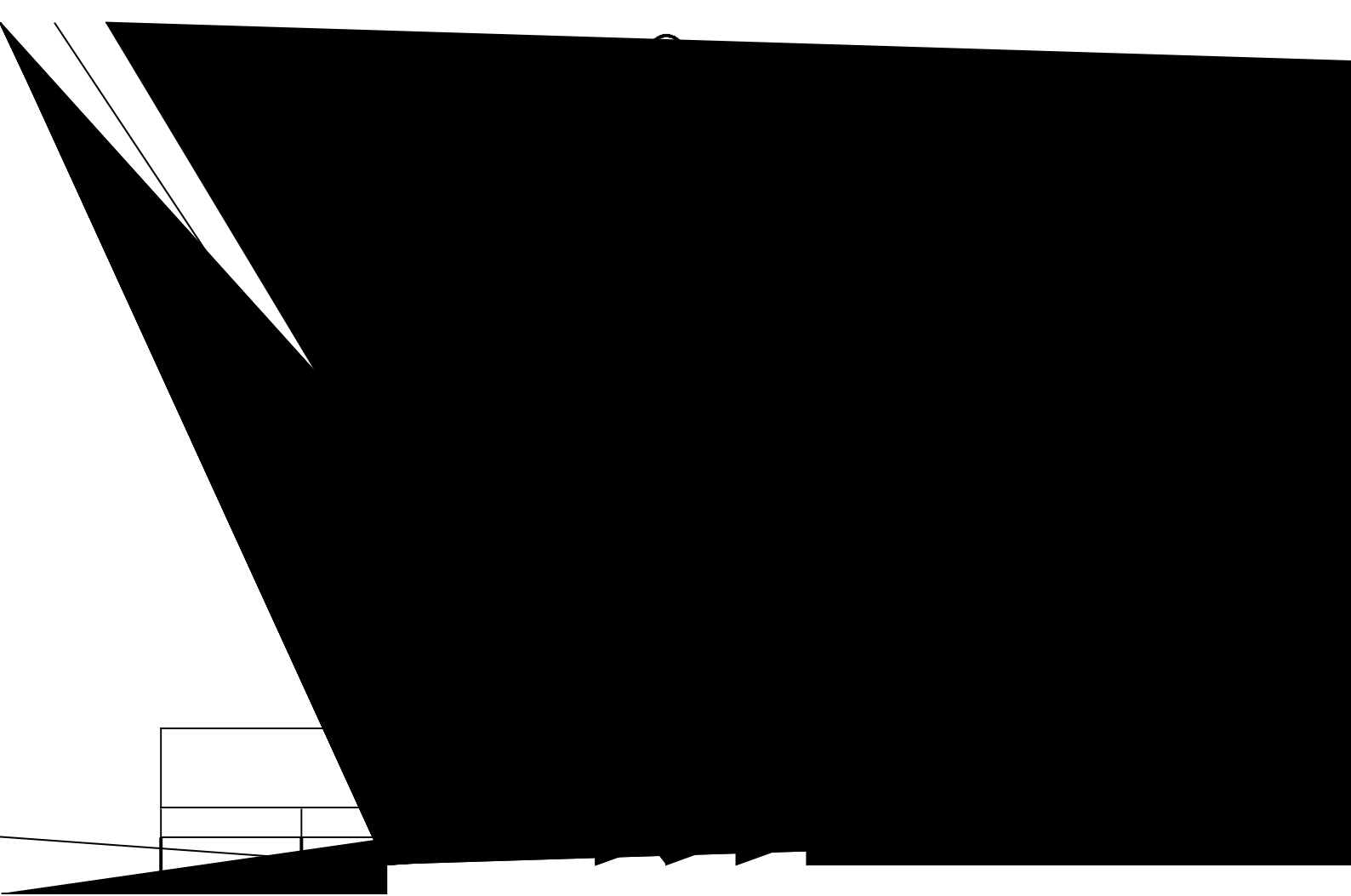
ENCAIXE M/F



[illegible]

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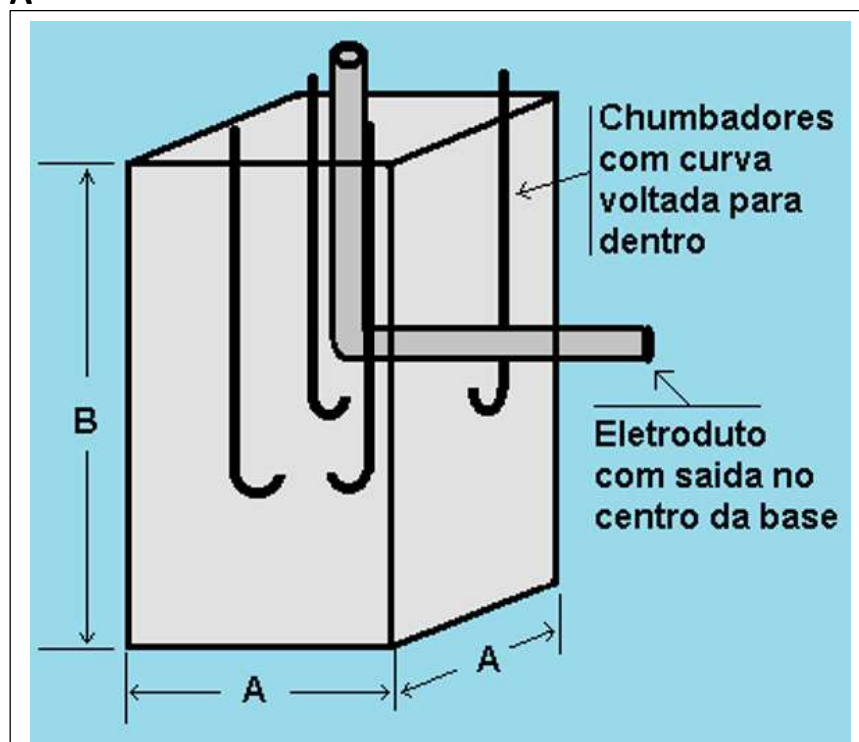


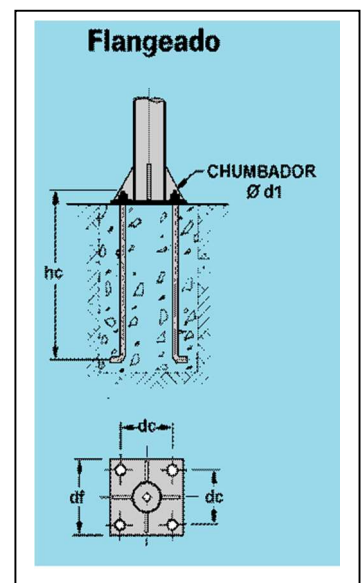
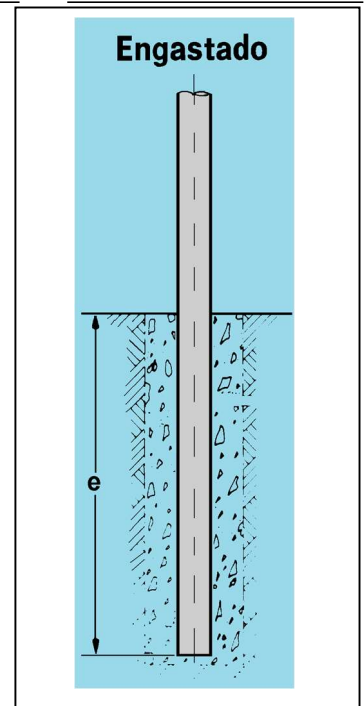
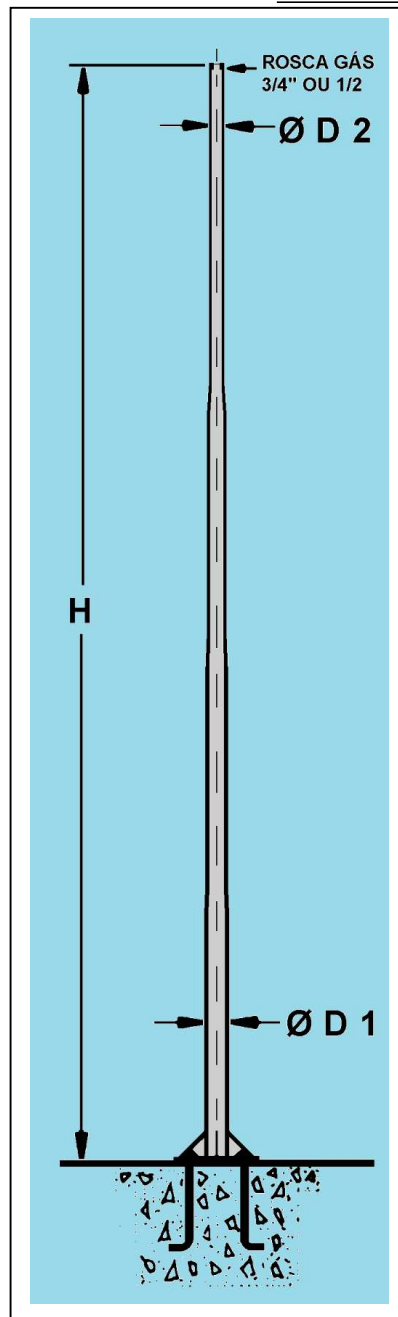
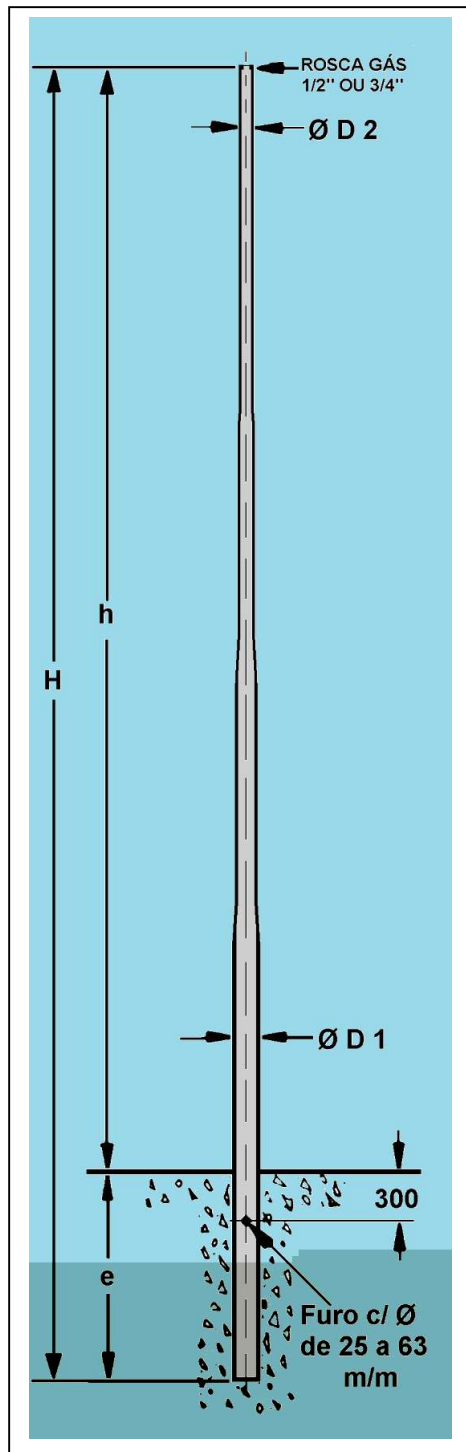


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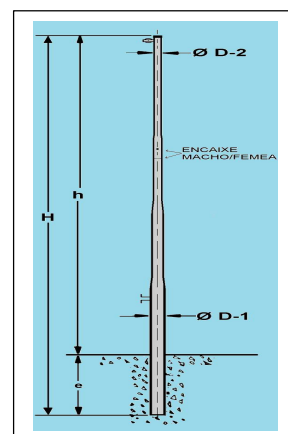
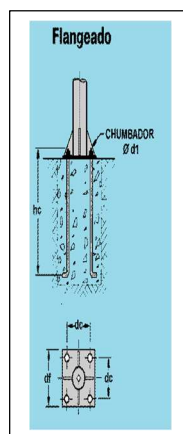
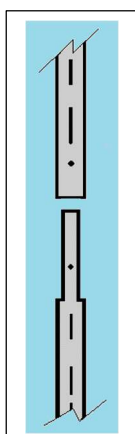
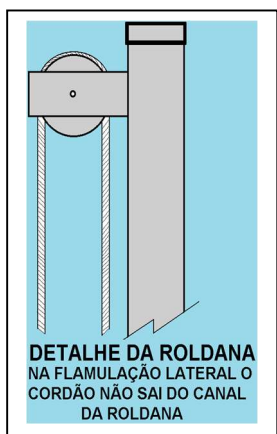
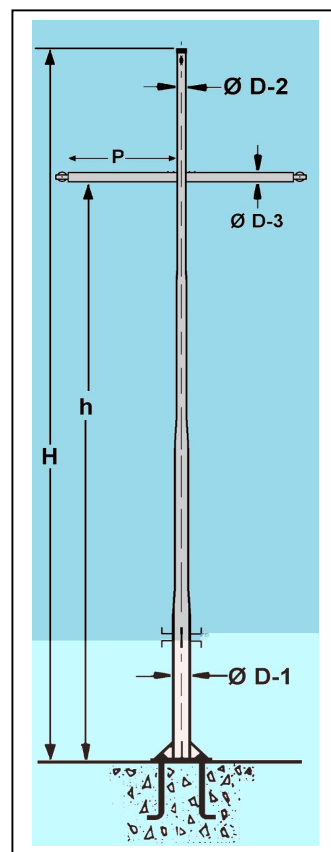
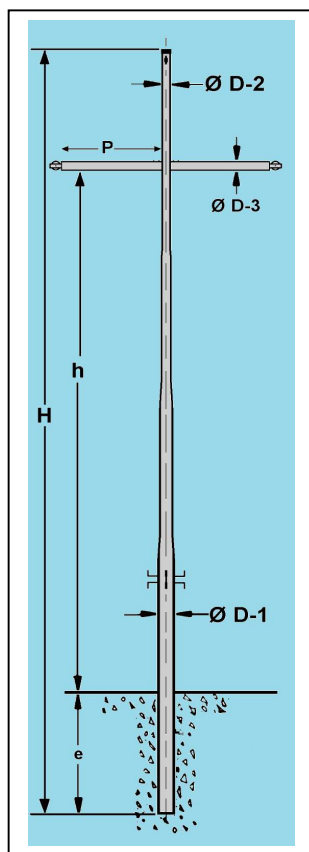
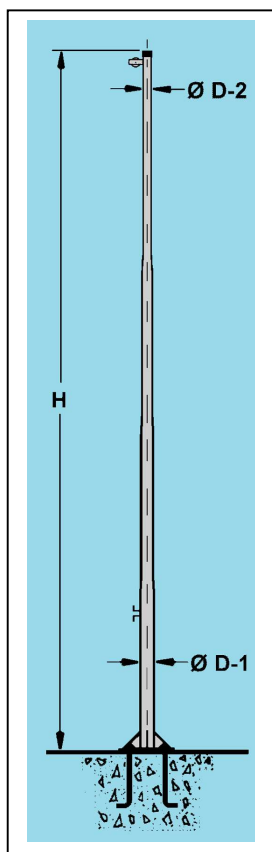
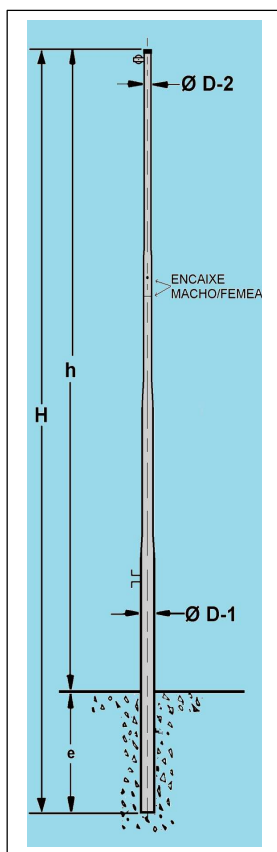
G A

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AA



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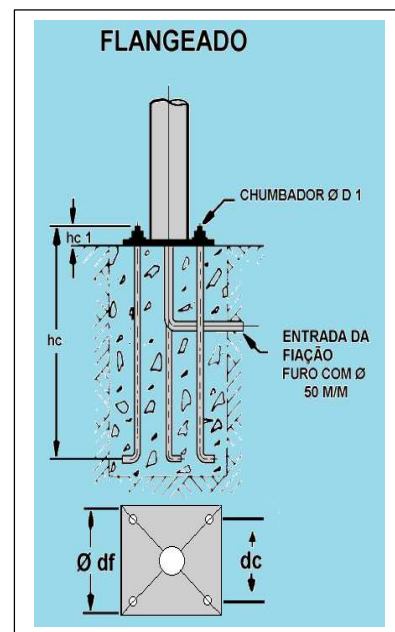
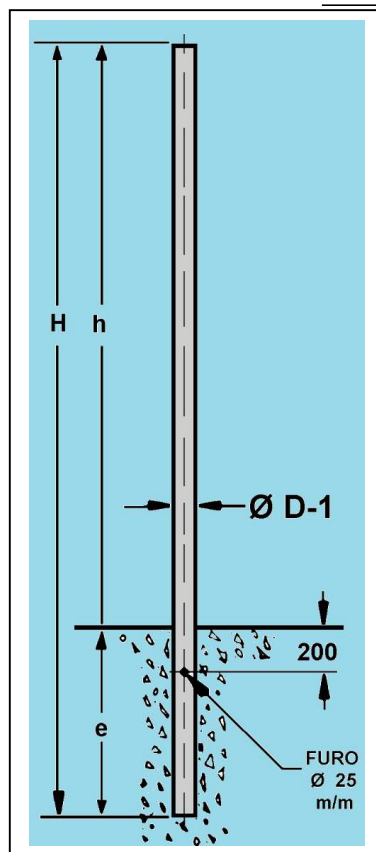
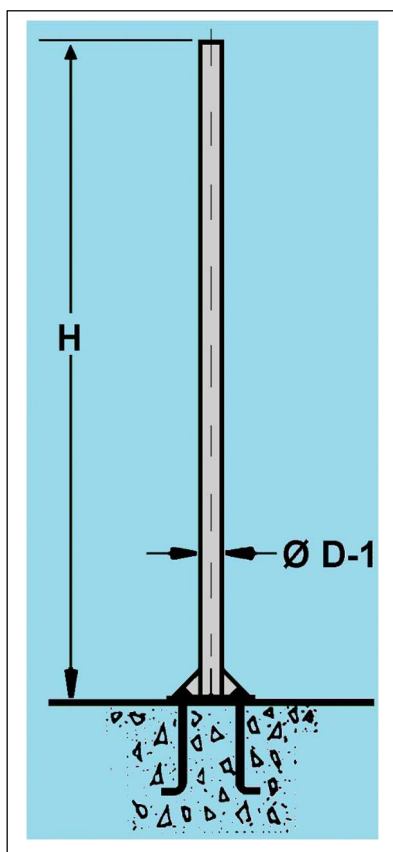


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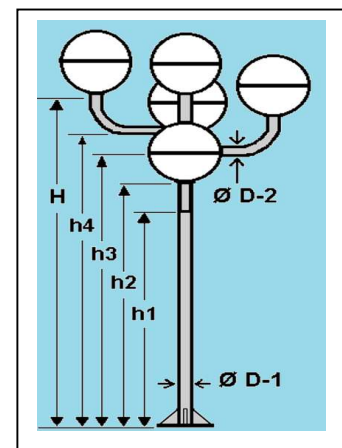
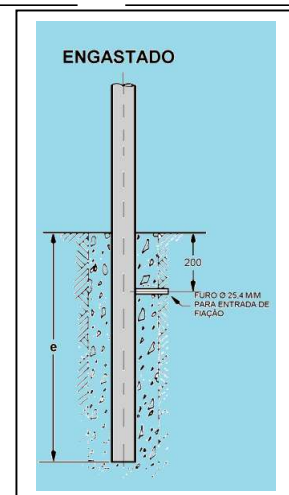
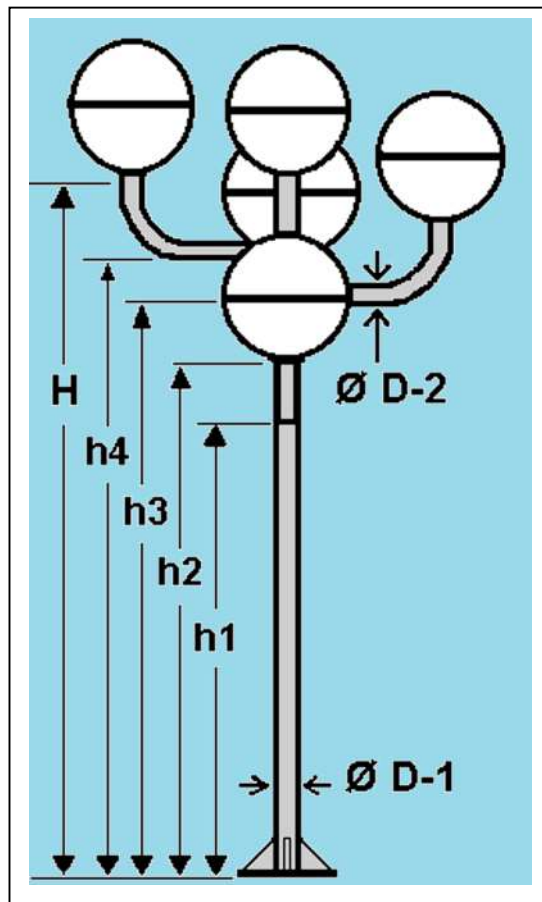
					A					
MB-100/150-M	15.000	17.000	165,10	76,20	245	-	-	-	-	2,000
MB-100B/150-M	15.000	15.000	165,10	76,20	218	400	300	750	25,4	-

[illegible]



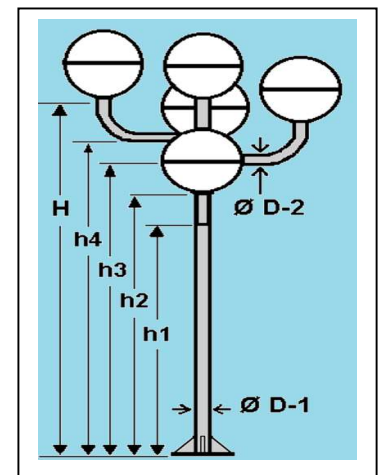
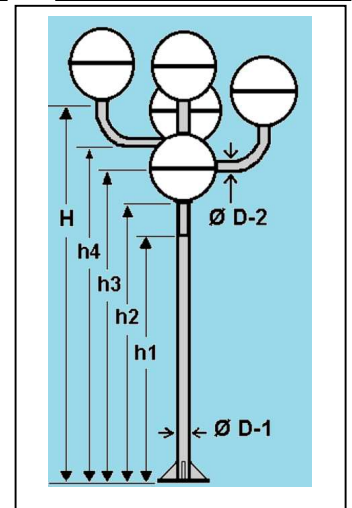
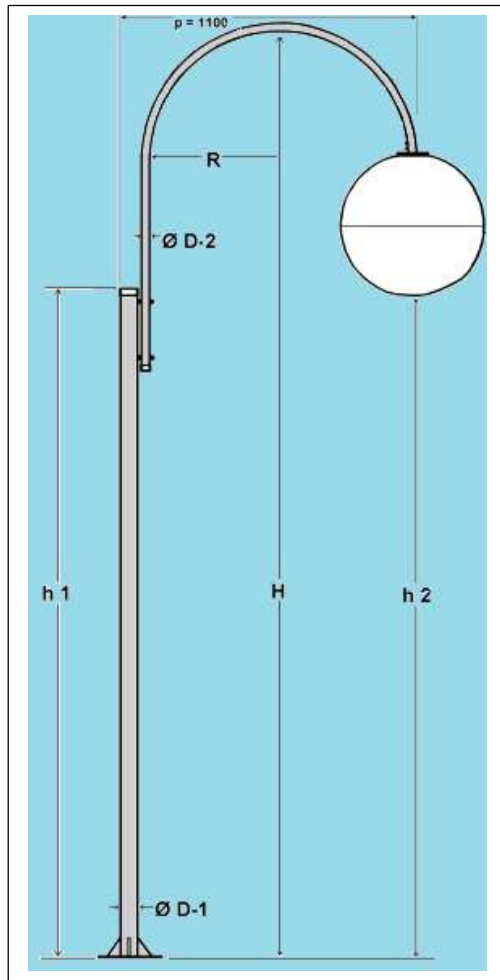
conforme NBR 6323/2007.

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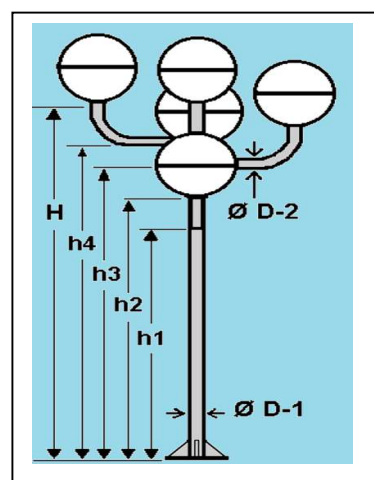
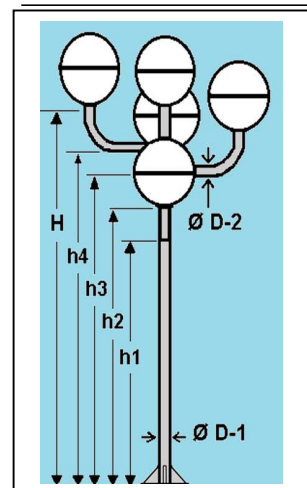
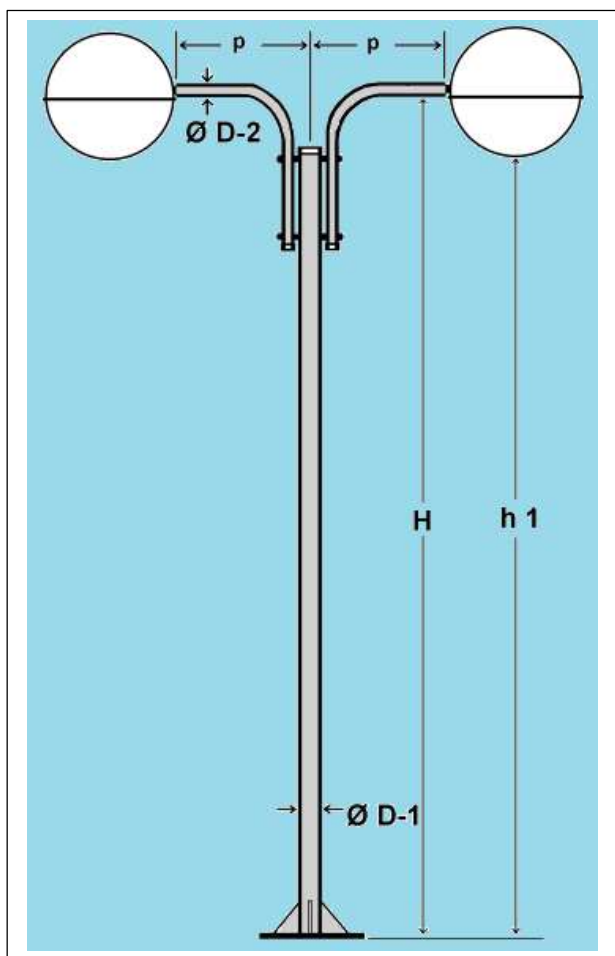
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conforme NBR 6323/2007

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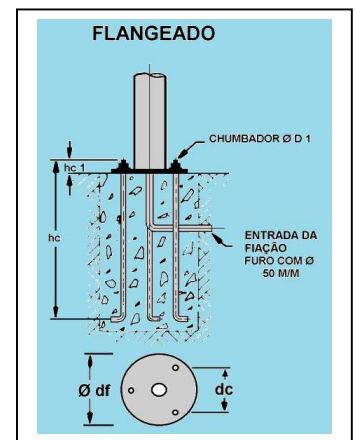
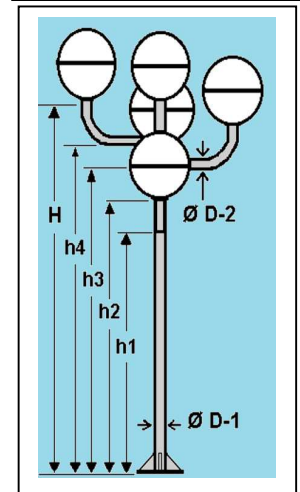
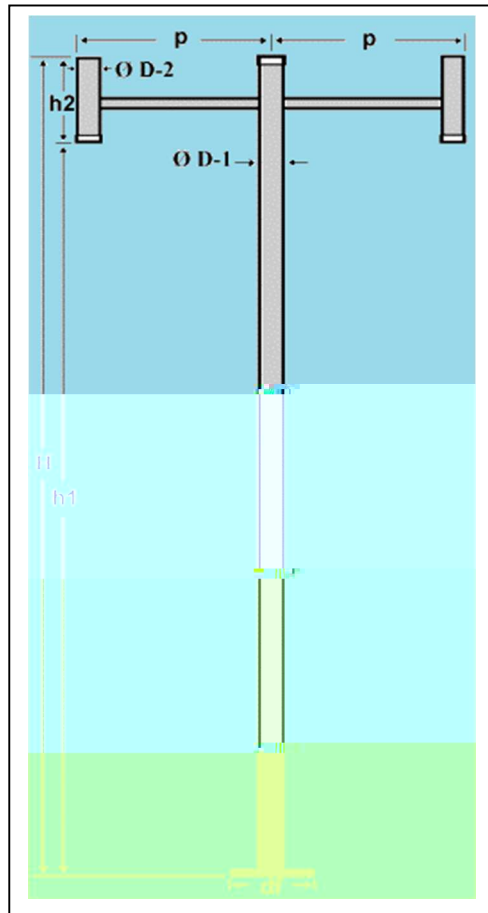
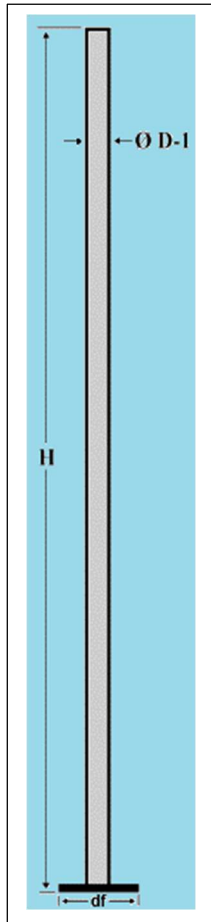


De confecção cilíndrica em tubo de aço SAE 1010/1020, com braços aparafusados através de dois parafusos galvanizados, que podem formar conjuntos de 1, 2, 3 ou 4 braços; com rebarbas internas removidas, e com esmerado acabamento, podendo a pedido ser fornecido, pintado **A** galvanizado a fogo conforme NBR 6323/2007 **G** ou galvanizado a fogo e pintado **A** **G**, para engastamento diretamente no solo, ou com base e chumbadores **C**, para fixação em bloco de concreto; utiliza luminária ID – 339, (vide Catálogo de Iluminação Decorativa).

A (medidas em m/m).

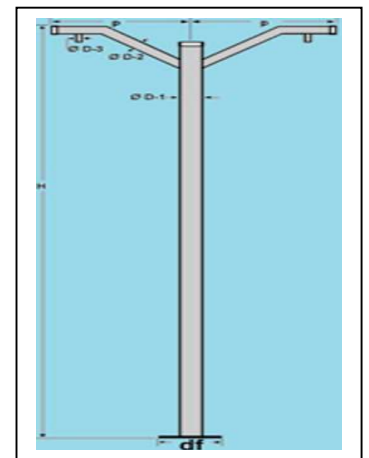
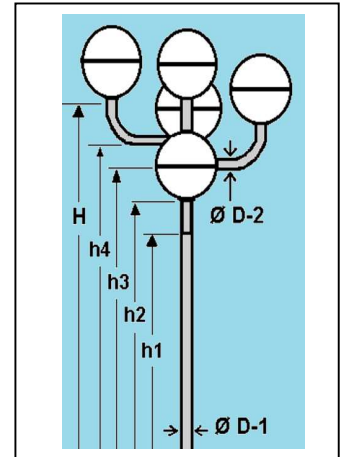
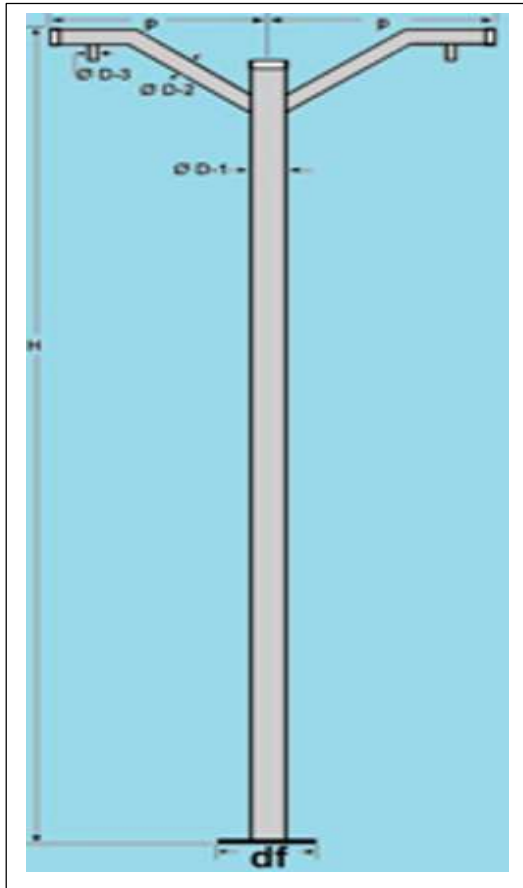
													A
	Kg.	H	h 1	Ø D1	Ø D-2	p	df	dc	hc	d1	hc1	e	
PO-139/1	11,800	3.250	3.000	60,30	33,70	500	-	-	-	-	-	500	
	14,100	3.250	3.000	60,30	33,70	500	200	140	150	9,52	20	-	
PO-139/2	13,700	3.250	3.000	60,30	33,70	500	-	-	-	-	-	500	
PO-139B/2	16,000	3.250	3.000	60,30	33,70	500	200	140	150	9,52	20	-	
PO-139/3	15,600	3.250	3.000	60,30	33,70	500	-	-	-	-	-	500	
PO-139B/3	17,900	3.250	3.000	60,30	33,70	500	200	140	150	9,52	20	-	
PO-139/4	17,500	3.250	3.000	60,30	33,70	500	-	-	-	-	-	500	
PO-139B/4	19,800	3.250	3.000	60,30	33,70	500	200	140	150	9,52	20	-	

Devido a constante aprimoramento deste produto, reservamo-nos o direito de alterá-lo a qualquer momento sem prévio aviso.



conforme NBR 6323/2007

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conforme NBR 6323/2007

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A A D A
C D A A

A Confeccionado em tubo e chapa de aço SAE 1010/1020, com dimensões abaixo demonstradas, ou conforme projeto, com sistema de fixação ao poste através de abraçadeiras em aço adequada ao diâmetro do poste ou chumbadores para fixação em paredes (não fornecidos).

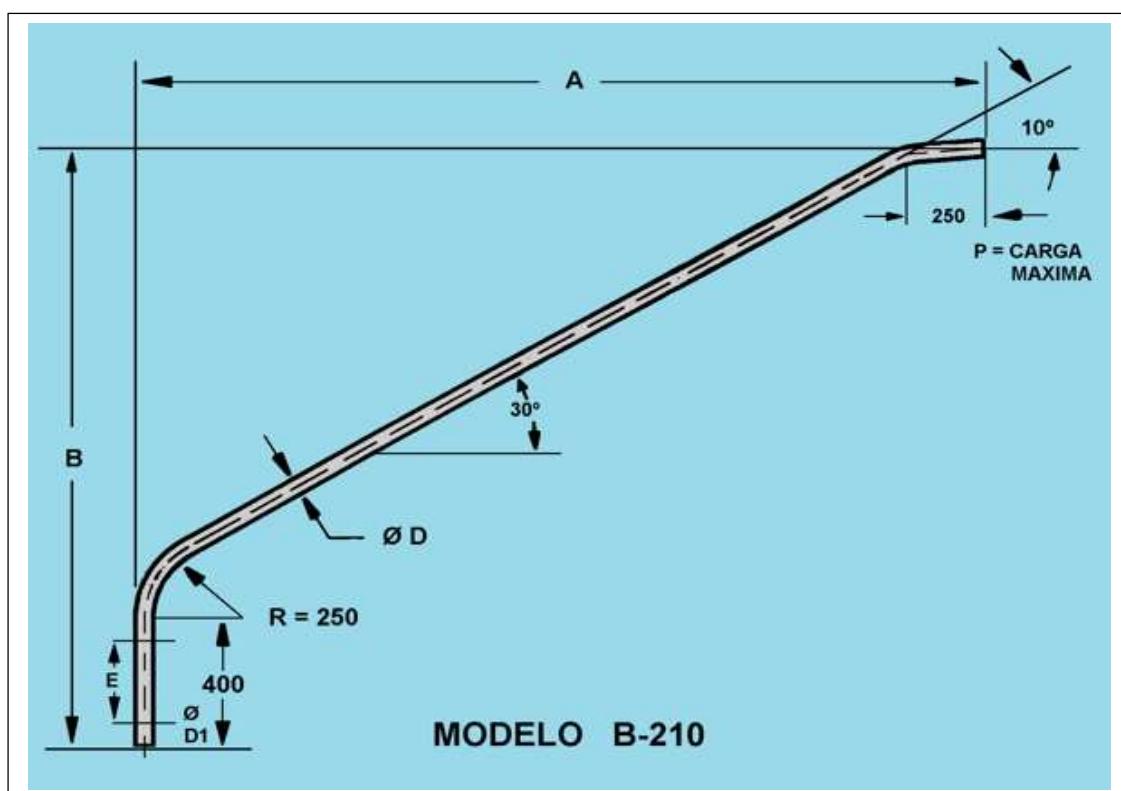
Instalação de aparelhos de iluminação pública e seus acessórios, em poste reto confeccionado em aço, madeira ou concreto, fachadas ou paredes, para iluminação de ruas, avenidas, áreas de passagens ou movimentação, estacionamentos e outras.

A Pintado **A** Galvanizado a Fogo conforme NBR 6323/2007 **A** **G** ou Galvanizado e Pintado **A** **G** **A**

A Galvanizados – a Granel / Pintados - protetor plástico.

G **D** **A** **A** medidas em m/m)

TIPO	A	B	C	E	D	D1	Carga (Kg)
B-205/15-35	1500	1300	260	200	33	18	9,000
B-205/20-35	2000	1500	260	200	33	18	7,800
B-205/20-50	2000	1400	330	270	48	18	16,000
B-205/25-50	2500	1550	330	270	48	18	14,000
B-205/30-50	3000	1800	330	270	48	18	12,000
B-205/20-60	2000	1400	330	270	60	18	22,000
B-205/25-60	2500	1550					



A A D A

C D A A

Confeccionado em tubo de aço SAE 1010/1020, com dimensões abaixo demonstradas, ou conforme projeto, com sistema de fixação ao poste através de abraçadeiras em aço adequada ao diâmetro do poste ou chumbadores para fixação em paredes (não fornecidos).

Instalação de aparelhos de iluminação pública e seus acessórios, em poste reto confeccionado em aço, madeira ou concreto, fachadas ou paredes, para iluminação de ruas, avenidas, áreas de passagens ou movimentação, estacionamentos e outras.

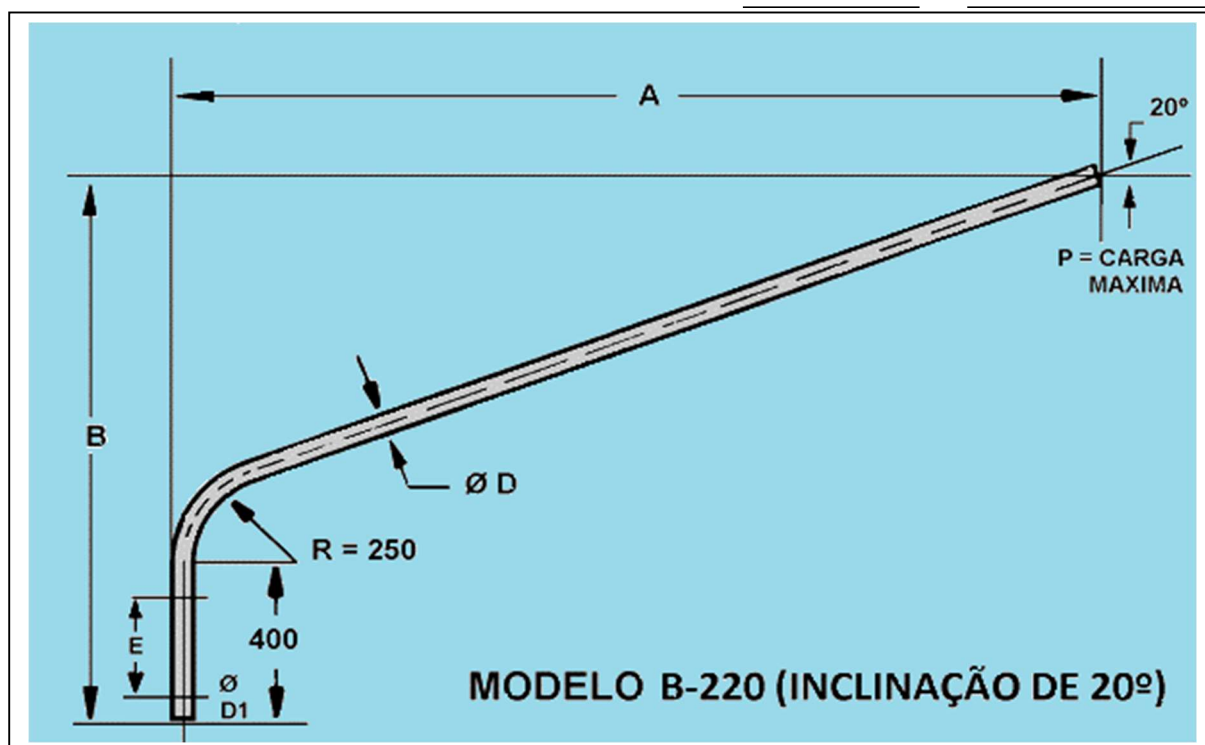
Pintado A Galvanizado a Fogo conforme NBR 6323/2007 A G ou Galvanizado e Pintado A G A

Galvanizados – a Granel / Pintados - protetor plástico.

G D A A medidas em m/m)

TIPO	A	B	C	E	D	D1	Carga (Kg)
B-210/10-35	1000	900	400	300	33	14	7,000
B-210/15-35	1500	1100	400	300	33	14	5,600
B-210/20-35	2000	1300	400	300	33	14	5,000
B-210/15-50	1500	1100	400	300	48	18	16,000
B-210/20-50	2000	1300	400	300	48	18	14,000
B-210/25-50	2500	1500	400	300	48	18	12,000
B-210/15-60	1500	1100	400	300	60	18	22,000
B-210/20-60	2000	1300	400	300	60	18	20,000
B-210/25-60	2500	1500	400	300	60	18	18,000

Devido à constante aprimoramento deste produto, reservamo-nos o direito de alterá-lo a qualquer momento sem prévio aviso.



A A D A

C D A A

Confeccionado em tubo de aço SAE 1010/1020, com dimensões abaixo demonstradas, ou conforme projeto, com sistema de fixação ao poste através de abraçadeiras em aço adequada ao diâmetro do poste ou chumbadores para fixação em paredes (não fornecidos).

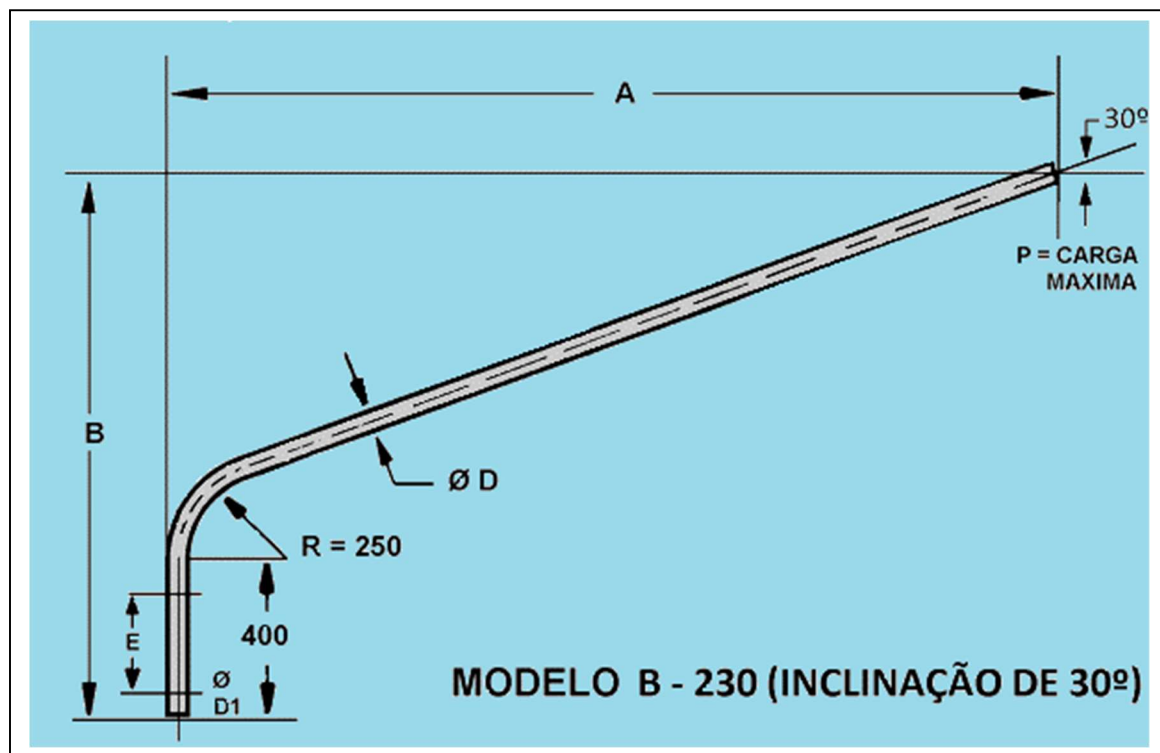
Instalação de aparelhos de iluminação pública e seus acessórios, em poste reto confeccionado em aço, madeira ou concreto, fachadas ou paredes, para iluminação de ruas, avenidas, áreas de passagens ou movimentação, estacionamentos e outras.

Pintado A Galvanizado a Fogo conforme NBR 6323/2007 A G Aço Galvanizado e Pintado A G A

Galvanizados – a Granel / Pintados - protetor plástico.

G D A Medidas em m/m)

TIPO	A	B	C	E	D	D1	INCLIN	Carga (Kg)
B-220/10-35	1000	800	400	300	33	14	20°	7,000
B-220/15-35	1500	1000	400	300	33	14	20°	5,600
B-220/20-35	2000	1150	400	300	33	14	20°	5,000
B-220/10-50	1000	800	400	300	48	18	20°	19,000
B-220/15-50	1500	1000	400	300	48	18	20°	16,000
B-220/20-50	2000	1150	400	300	48	18	20°	14,000
B-220/25-50	2500	1300	400	300	48	18	20°	12,000
B-220/15-60	1500	1000	400	300	60	18	20°	22,000
B-220/20-60	2000	1150	400	300	60	18	20°	20,000
B-220/25-60	2500	1300	400	300	60	18	20°	18,000



A A D A

C D A A

Confeccionado em tubo de aço SAE 1010/1020, com dimensões abaixo demonstradas, ou conforme projeto, com sistema de fixação ao poste através de abraçadeiras em aço adequada ao diâmetro do poste ou chumbadores para fixação em paredes (não fornecidos).

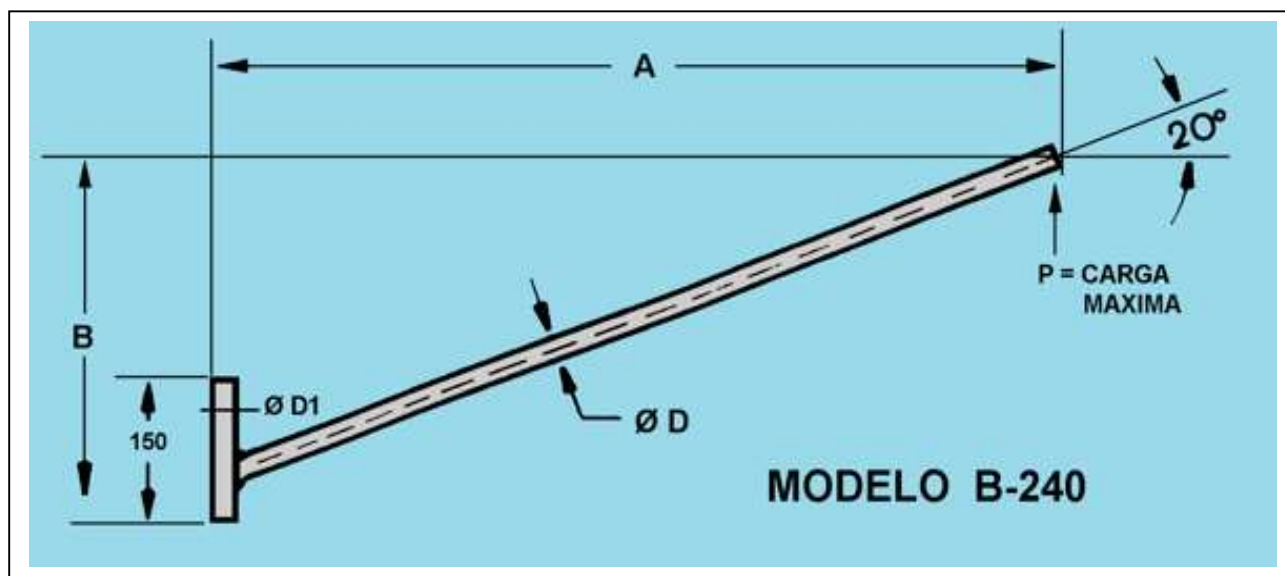
Instalação de aparelhos de iluminação pública e seus acessórios, em poste reto confeccionado em aço, madeira ou concreto, fachadas ou paredes, para iluminação de ruas, avenidas, áreas de passagens ou movimentação, estacionamentos e outras.

Pintado A Galvanizado a Fogo conforme NBR 6323/2007 A G Aço Galvanizado e Pintado A G A

Galvanizados – a Granel / Pintados - protetor plástico.

G D A Medidas em m/m)

TIPO	A	B	C	E	D	D1	INCLIN	Carga (Kg)
B-230/10-35	1000	950	400	300	33	14	30°	7,000
B-230/15-35	1500	1150	400	300	33	14	30°	5,600
B-230/20-35	2000	1400	400	300	33	14	30°	5,000
B-230/10-50	1000	950	400	300	48	18	30°	19,000
B-230/15-50	1500	1150	400	300	48	18	30°	16,000
B-230/20-50	2000	1400	400	300	48	18	30°	14,000
B-230/25-50	2500	1600	400	300	48	18	30°	12,000
B-230/15-60	1500	950	400	300	60	18	30°	22,000
B-230/20-60	2000	1400	400	300	60	18	30°	20,000
B-230/25-60	2500	1600	400	300	60	18	30°	18,000



A

A A D A

A

C D A A

A Confeccionado em tubo e chapa de aço SAE 1010/1020, com dimensões abaixo demonstradas, ou conforme projeto, com sistema de fixação ao poste através de abraçadeiras em aço adequada ao diâmetro do poste ou chumbadores para fixação em paredes (não fornecidos).

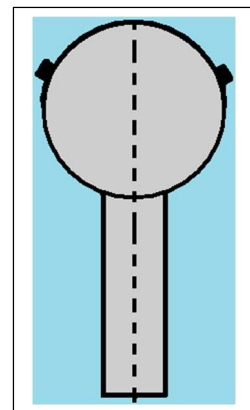
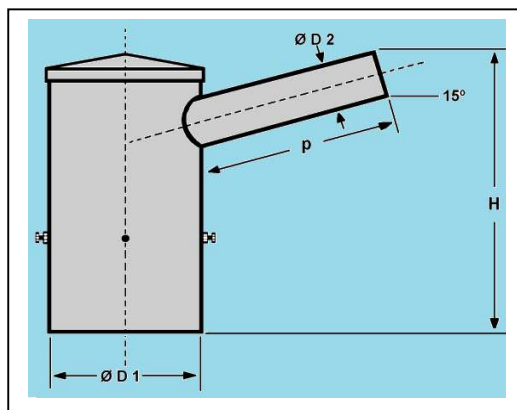
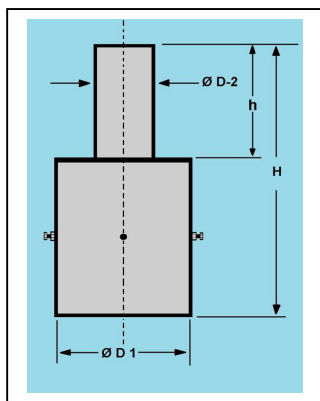
Instalação de aparelhos de iluminação pública e seus acessórios, em poste reto confeccionado em aço, madeira ou concreto, fachadas ou paredes, para iluminação de ruas, avenidas, áreas de passagens ou movimentação, estacionamentos e outras.

A Pintado **A** Galvanizado a Fogo conforme NBR 6323/2007 **A** **G** **A** ou Galvanizado e Pintado **A** **G** **A**

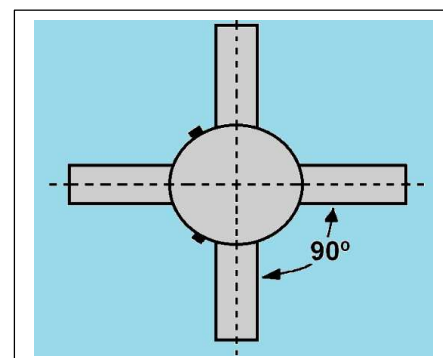
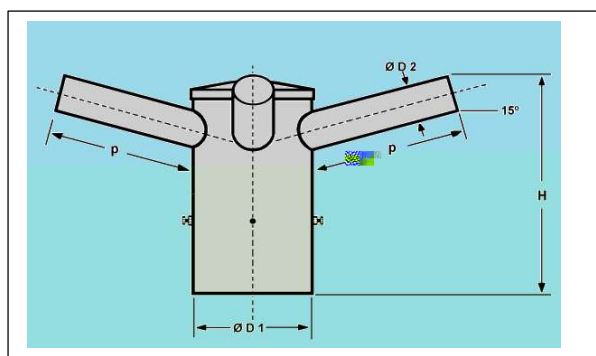
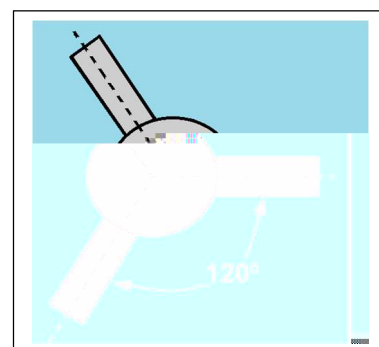
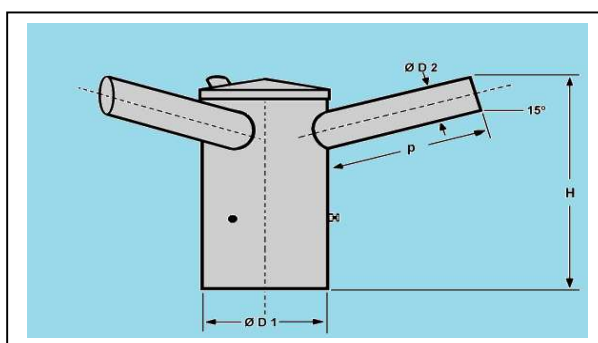
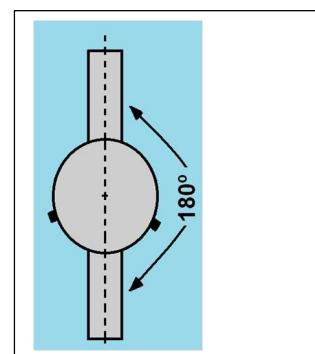
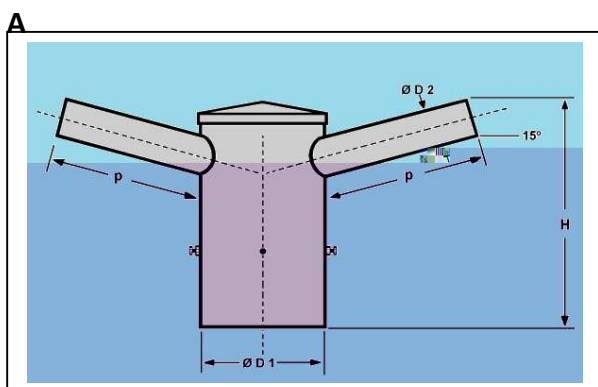
A Galvanizados – a Granel / Pintados - protetor plástico.

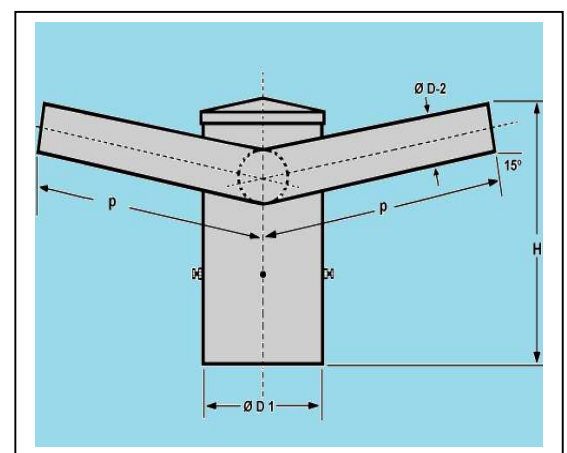
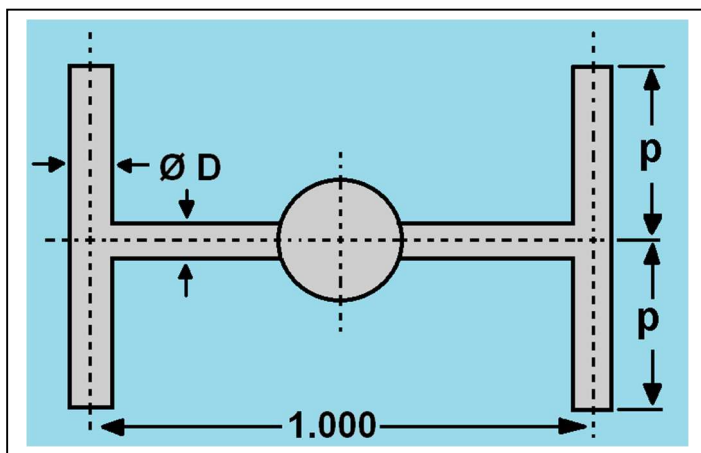
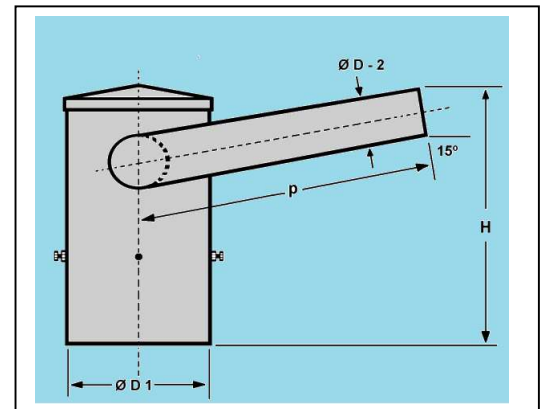
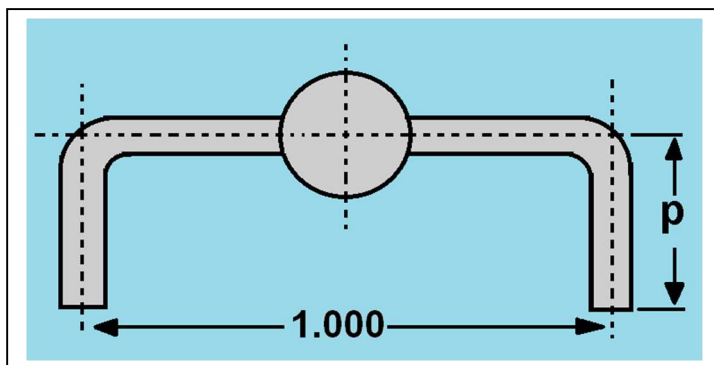
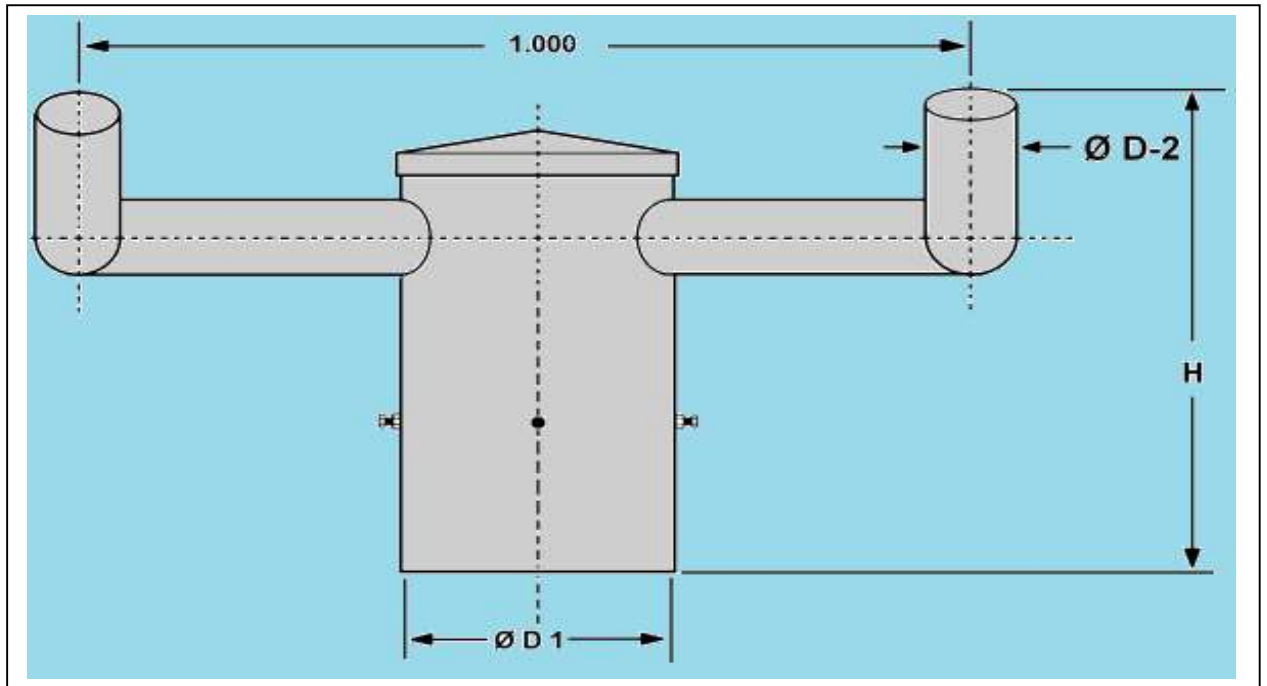
G **D** **A** **A** medidas em m/m)

TIPO	A	B	C	E	D	D1	INCLIN	Carga (Kg)
B-240/10-25	1000	400	150	110	25	18	20º	3,000
B-240/15-25	1500	600	150	110	25	18	20º	2,500
B-240/20-25	2000	800	150	110	25	18	20º	2,000
B-240/10-50	1000	400	150	110	48	18	20º	20,000
B-240/15-50	1500	600	150	110	48	18	20º	18,000
B-240/20-50	2000	800	150	110	48	18	20º	12,000
B-240/10-60	1000	400	200	110	60	18	20º	22,000
B-240/15-60	1500	600	200	110	60	18	20º	18,000
B-240/20-60	2000	800	200	100	60	18	20º	14,000



A D A

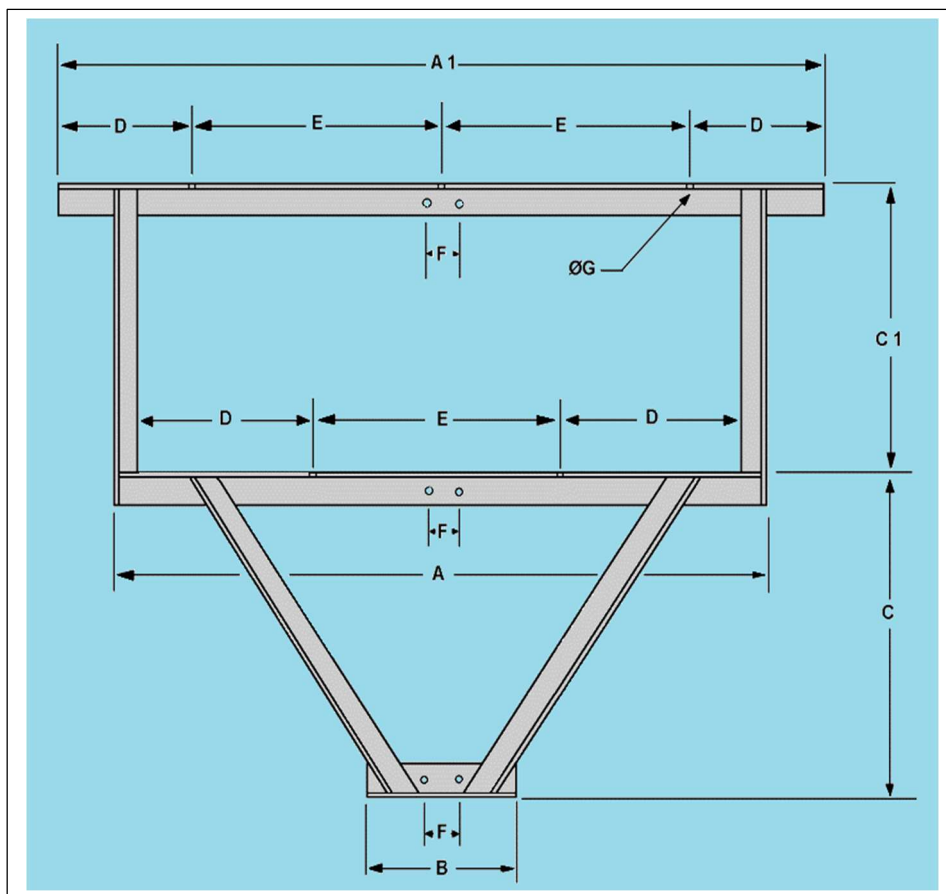
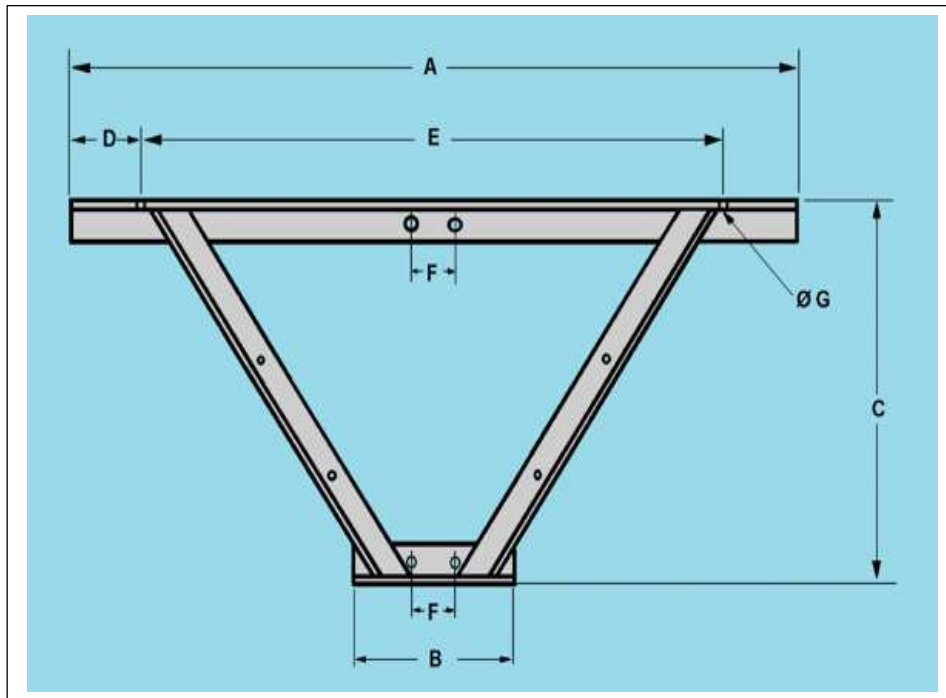




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SISTEMA DE FIXAÇÃO

Grampos U
Galv. Fogo

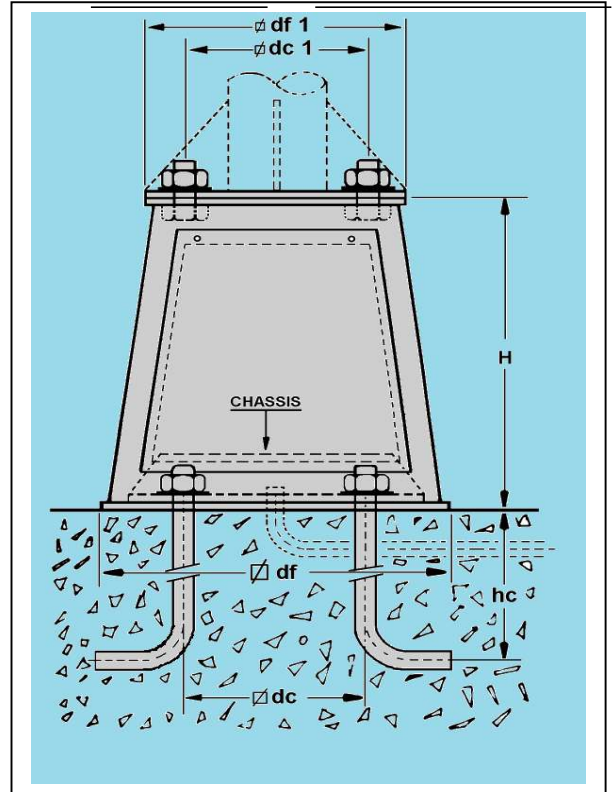
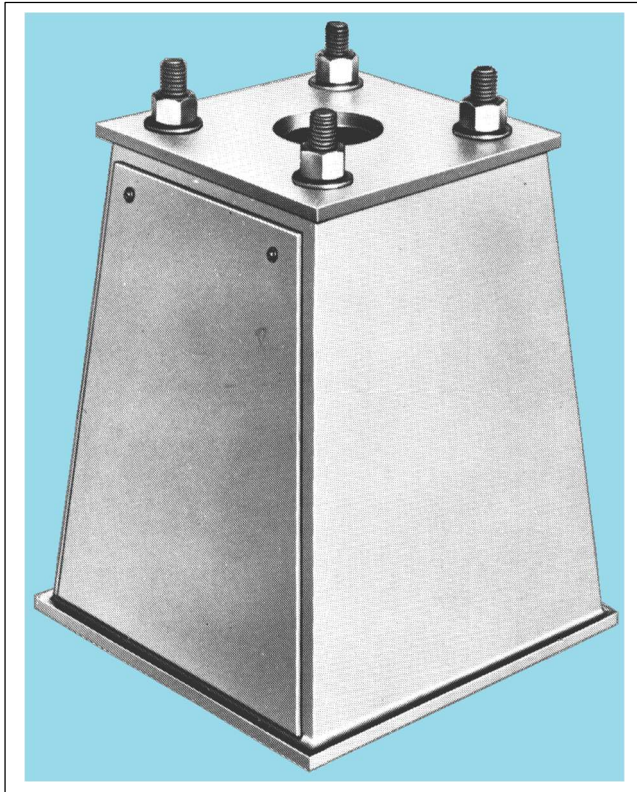




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conforme NBR 6323/2007.
