



TriHealth Corporate Administration Offices, Cincinnati, OH, USA © Ryan Kurtz

Inside Aperture's substantial girth resides a surprisingly hollow core, making the LED illumination the focal point of the luminaire.

This innovative design provides glare-free light without the use of a diffuser.



Aperture is available in three diameters and three finishes enabling designers to carry the bold aesthetic throughout a space.



classic white



bold anthracite



gold for a touch of glam





INVISIBLE LIGHT SOURCE

LED strips encircle a surprisingly hollow core with no direct line of sight to the light sources, resulting in a glare free experience



Gearbox Software, Frisco, Texas, USA © Paul Ober



APERTURE 4256

| |
|----------------|
| PROJECT PROJET |
| SPEC TYPE |
| NOTES |



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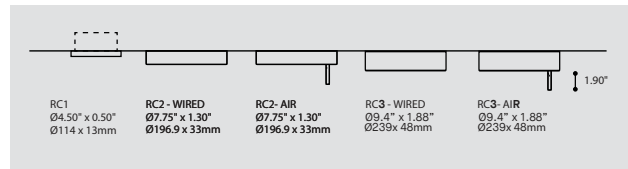
WHM-WHM WHM-GOL ANTE-WHM ANTE-GOL GOL-WHM GOL-GOL

FAMILY FAMILLE

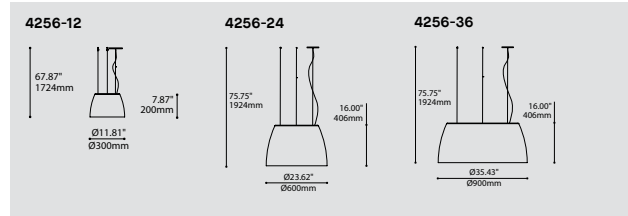
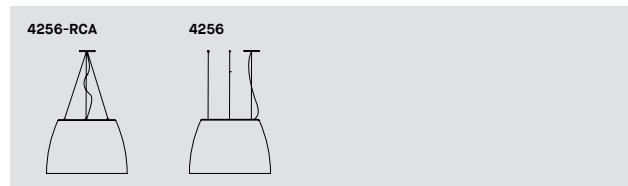


4256-12 4256-24 4256-36

MOUNTING OPTIONS OPTIONS DE MONTAGE



MOUNTING CABLE OPTIONS OPTION DE MONTAGE DE CÂBLE



[QUICKSHIP](#) [CLICK HERE / CLIQUEZ ICI](#)

ORDERING SPECIFICATION SPÉCIFICATION DE COMMANDE

| MODEL MODÈLE | CODE |
|---|------|
| 4256-12 APERTURE 12" | |
| 4256-24 APERTURE 24" | |
| 4256-36 APERTURE 36" | |
| LIGHT SOURCE SOURCE LUMINEUSE | LED |
| LED* REGULAR OUTPUT | |
| LED.HO* HIGH OUTPUT | |
| * 3983 ACCESSORY IS PROVIDED ONLY FOR 4256-12 | |
| COLOR TEMPERATURE TEMPÉRATURE DE COULEUR | |
| 27 2700K | |
| 30 3000K | |
| 35 3500K | |
| 40 4000K | |
| COLOR RENDERING INDEX (CRI) INDICE DE RENDU DE COULEUR (IRC) | |
| 80 80+ CRI | |
| 90* 90+ CRI | |
| * LONGER LEAD TIME MAY APPLY, PLEASE CONTACT YOUR EUREKA REPRESENTATIVE | |
| VOLTAGE VOLTAGE | |
| 120V 120 VOLT | |
| 277V 277 VOLT | |
| CONTROL OPTION OPTION DE CONTRÔLE | |
| DV 0-10V DIMMING (120V-277V) | |
| DP** PHASE DIMMING (120V ONLY) | |
| NLTAIR2* NLIGHT AIR CONTROL GEN 2 | |
| NLIGHT* NLIGHT WIRED CONTROL | |
| * REQUIRES RC2 OR RC3 CANOPY * FOR NLIGHT WITH EMERGENCY BATTERY, PLEASE CONTACT YOUR EUREKA REPRESENTATIVE REFER TO NLIGHT GUIDE AND INSTALLATION SHEET FOR ALL REQUIREMENTS. ** PHASE DIMMING (DP) IS NOT AVAILABLE WITH HIGH OUTPUT (HO) | |
| EMERGENCY BATTERY BATTERIE D'URGENCE | |
| AVAILABLE WITH LED SOURCES 120-277V. EM DRIVER BOX INCLUDED, INSTALLED REMOTELY. SEE EM GUIDE FOR DETAILS. WITH DV DIMMING OPTION, AN ADDITIONAL POWER CABLE WILL DROP FROM CEILING NEXT TO MAIN CABLE. | |
| EMB* EMERGENCY BATTERY FOR REMOTE BOX | |
| * 3981EA ACCESSORY IS REQUIRED | |
| CABLE CÂBLE | AC |
| AC AIRCRAFT MOUNTING & CLEAR CABLE, FIELD ADJUSTABLE | |
| CABLE LENGTH LONGUEUR DE CÂBLE | |
| 60 60" AIRCRAFT CABLE (STD LENGTH) | |
| ** CUSTOM AIRCRAFT CABLE LENGTH (PLEASE SPECIFY) | |
| FOR OVERALL LENGTH, PLEASE CONTACT YOUR EUREKA REPRESENTATIVE | |
| MOUNTING MONTAGE | |
| RC1 ROUND CANOPY / PAVILLON ROND | |
| RC2 SCREWLESS 0.5" CANOPY (2471C) | |
| RC3 NLIGHT SCREWLESS CANOPY Ø9.4" X 1.88" (2475I) (FOR 4256-24 HO & 4256-36) | |
| MOUNTING CABLE OPTION OPTION DE MONTAGE DE CÂBLE | |
| RCA CENTERED ROUND CANOPY - AIRCRAFT CABLES ANGLED TO CENTER | |
| IF NO OPTION IS SELECTED, AN OFF-CENTERED ROUND CANOPY WITH STRAIGHT AIRCRAFT CABLE IS STANDARD | |
| CANOPY FINISH FINI PAVILLON | |
| WHM MATTE WHITE | |
| ANTE ANTHRACITE FINE TEXTURE | |
| GOL GOLD | |
| EXTERIOR SHADE FINISH FINI ABAT-JOUR EXTÉRIEUR | |
| WHM MATTE WHITE | |
| ANTE ANTHRACITE FINE TEXTURE WITH MATTE WHITE INSIDE | |
| GOL GOLD WITH MATTE WHITE INSIDE | |
| INTERIOR SHADE FINISH FINI ABAT-JOUR INTÉRIEUR | |
| WHM MATTE WHITE | |
| GOL GOLD | |
| ACCESSORY ACCESSOIRE | |
| 3983 DEEP JUNCTION BOX (PROVIDED FOR 4256-12 AS PER ABOVE) | |
| EMERGENCY BATTERY ACCESSORY ACCESSOIRE BATTERIE D'URGENCE | |
| 3981EA ELECTRICAL BOX FOR EMB EMERGENCY BATTERY | |

PRODUCT CHARACTERISTICS CARACTÉRISTIQUES DU PRODUIT



APERTURE 4256 TUNABLE WHITE

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|----------------|
| PROJECT PROJET |
| SPEC TYPE |
| NOTES |



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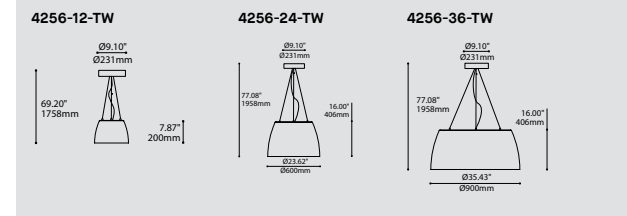
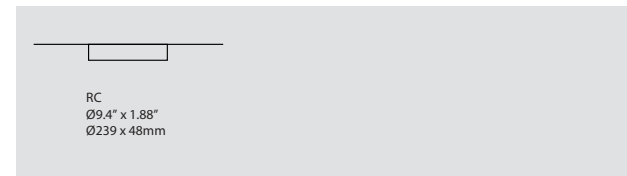
WHM-WHM WHM-GOL ANTE-WHM ANTE-GOL GOL-WHM GOL-GOL

FAMILY FAMILLE



4256-12 4256-24 4256-36

MOUNTING OPTIONS OPTIONS DE MONTAGE



ORDERING SPECIFICATION SPÉCIFICATION DE COMMANDE

| MODEL MODÈLE | CODE |
|---|------|
| 4256-12 APERTURE 12" | |
| 4256-24 APERTURE 24" | |
| 4256-36 APERTURE 36" | |
| LIGHT SOURCE SOURCE LUMINEUSE | LED |
| LED REGULAR OUTPUT | |
| COLOR TEMPERATURE TEMPÉRATURE DE COULEUR | TW |
| TW* TUNABLE WHITE (2700 TO 5000K) | |
| TW.HO** TUNABLE WHITE HO(2700 TO 5000K) | |
| * LONGER LEAD TIME MAY APPLY, PLEASE CONTACT YOUR EUREKA REPRESENTATIVE ** NOT AVAILABLE FOR 4256-36 | |
| COLOR RENDERING INDEX (CRI) INDICE DE RENDU DE COULEUR (IRC) | 80 |
| 80 80+ CRI | |
| VOLTAGE VOLTAGE | |
| 120V 120 VOLT | |
| 277V 277 VOLT | |
| CONTROL OPTION OPTION DE CONTRÔLE | |
| DDV DUAL 0-10V DIMMING | |
| NLT* NLIGHT NTUNE CONTROL | |
| * REFER TO NLIGHT GUIDE AND INSTALLATION SHEET FOR ALL REQUIREMENTS. | |
| CABLE CÂBLE | AC |
| AC AIRCRAFT MOUNTING & CLEAR CABLE, FIELD ADJUSTABLE | |
| CABLE LENGTH LONGUEUR DE CÂBLE | |
| 60 60" AIRCRAFT CABLE (STD LENGTH) | |
| ** CUSTOM AIRCRAFT CABLE LENGTH (PLEASE SPECIFY) | |
| FOR OVERALL LENGTH, PLEASE CONTACT YOUR EUREKA REPRESENTATIVE | |
| MOUNTING MONTAGE | RC |
| RC ROUND CANOPY / PAVILLON ROND | |
| RC SCREWLESS CANOPY Ø9.4" X 1.88" (2475I) | |
| MOUNTING CABLE OPTION OPTION DE MONTAGE DE CÂBLE | RCA |
| RCA CENTERED ROUND CANOPY - AIRCRAFT CABLES ANGLED TO CENTER | |
| CANOPY FINISH FINI PAVILLON | |
| WHM MATTE WHITE | |
| ANTE ANTHRACITE FINE TEXTURE | |
| GOL GOLD | |
| EXTERIOR SHADE FINISH FINI ABAT-JOUR EXTÉRIEUR | |
| WHM MATTE WHITE | |
| ANTE ANTHRACITE FINE TEXTURE WITH MATTE WHITE INSIDE | |
| GOL GOLD WITH MATTE WHITE INSIDE | |
| INSIDE SHADE FINISH FINI ABAT-JOUR INTÉRIEUR | |
| WHM MATTE WHITE | |
| GOL GOLD | |

PRODUCT CHARACTERISTICS CARACTÉRISTIQUES DU PRODUIT



DESIGN: Hidden inside of an elegant form is a beautiful soft glow of LED illumination that encircles a surprising hollow core. Aperture is available in three formats, small, large and extra-large.

INSTALLATION: Easy to install, adjust and level triple aircraft cable mounting.

LIGHT SOURCE: Aperture features a custom LED light engine that is available with a standard dimming driver.

EXTERIOR FINISH: White, Anthracite or Gold polyester powder coating, with a inside matte white finish.

INSIDE FINISH: White or Gold polyester powder coating.

CERTIFIED: c-CSA-us

APERTURE 4256

QUICKSHIP

PROJECT PROJET

SPEC TYPE

NOTES



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WHM

ANTE

FAMILY FAMILLE

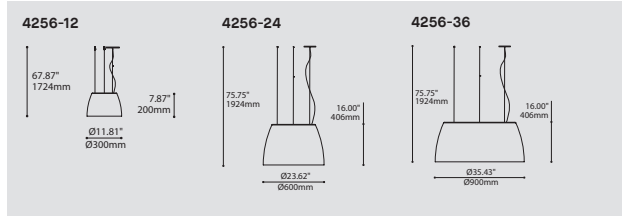
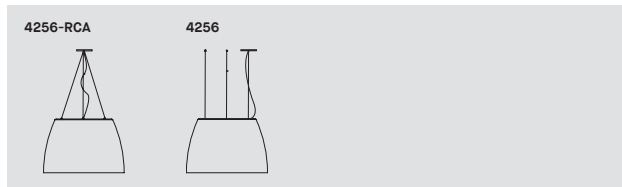


4256-12

4256-24

4256-36

MOUNTING CABLE OPTIONS OPTION DE MONTAGE DE CÂBLE



ORDERING SPECIFICATION SPÉCIFICATION DE COMMANDE

CODE

QUICKSHIP

QS5 QUICKSHIP 5 DAYS - MAXIMUM 5 UNITS QUICKSHIP 5 JOURS - MAXIMUM 5 UNITÉS
 QS10 QUICKSHIP 10 DAYS - MAXIMUM 20 UNITS QUICKSHIP 10 JOURS - MAXIMUM 20 UNITÉS

MODEL MODÈLE

4256-12 APERTURE 12"
 4256-24 APERTURE 24"
 4256-36 APERTURE 36"

LIGHT SOURCE SOURCE LUMINEUSE

LED

LED* REGULAR OUTPUT
 *3983 ACCESSORY IS PROVIDED ONLY FOR 4256-12

COLOR TEMPERATURE TEMPÉRATURE DE COULEUR

30 3000K
 35 3500K
 40 4000K

COLOR RENDERING INDEX (CRI) INDICE DE RENDU DE COULEUR (IRC)

80

80 80+ CRI

VOLTAGE VOLTAGE

120V 120 VOLT
 277V 277 VOLT

DIMMING OPTION OPTION DE GRADATION

DV 0-10V DIMMING (120V-277V)
 DP PHASE DIMMING (120V ONLY)
 LED DIMMING DRIVER IS STANDARD IN THIS PRODUCT, PLEASE SPECIFY YOUR DIMMING TYPE

CABLE CÂBLE

AC

AC AIRCRAFT MOUNTING & CLEAR CABLE, FIELD ADJUSTABLE

CABLE LENGTH LONGUEUR DE CÂBLE

60 60" AIRCRAFT CABLE (STD LENGTH)
 ** CUSTOM AIRCRAFT CABLE LENGTH (PLEASE SPECIFY)
 FOR OVERALL LENGTH, PLEASE CONTACT YOUR EUREKA REPRESENTATIVE

MOUNTING CABLE OPTION OPTION DE MONTAGE DE CÂBLE

RCA CENTERED ROUND CANOPY - AIRCRAFT CABLES ANGLED TO CENTER
 IF NO OPTION IS SELECTED, A ROUND CANOPY WITH STRAIGHT AIRCRAFT CABLES WILL BE PROVIDED

CANOPY FINISH FINI PAVILLON

WHM

WHM MATTE WHITE

EXTERIOR SHADE FINISH FINI ABAT-JOUR EXTÉRIEUR

WHM MATTE WHITE
 ANTE ANTHRACITE FINE EXTERIOR WITH MATTE WHITE INSIDE

INTERIOR SHADE FINISH FINI ABAT-JOUR INTÉRIEUR

WHM

WHM MATTE WHITE

ACCESSORY ACCESSOIRE

3983 DEEP JUNCTION BOX (PROVIDED FOR 4256-12 AS PER ABOVE)

PRODUCT CHARACTERISTICS CARACTÉRISTIQUES DU PRODUIT

BIM DIM EMB IES LED

DESIGN:

Hidden inside of an elegant form is a beautiful soft glow of LED illumination that encircles a surprising hollow core. Aperture is available in three formats, small, large and extra-large. Easy to install, adjust and level triple aircraft cable mounting.

INSTALLATION:

Aperture features a custom LED light engine that is available with a standard dimming driver.

LIGHT SOURCE:

White or Anthracite matte polyester powder coating.

EXTERIOR FINISH:

Highly reflective matte white polyester powder coating.

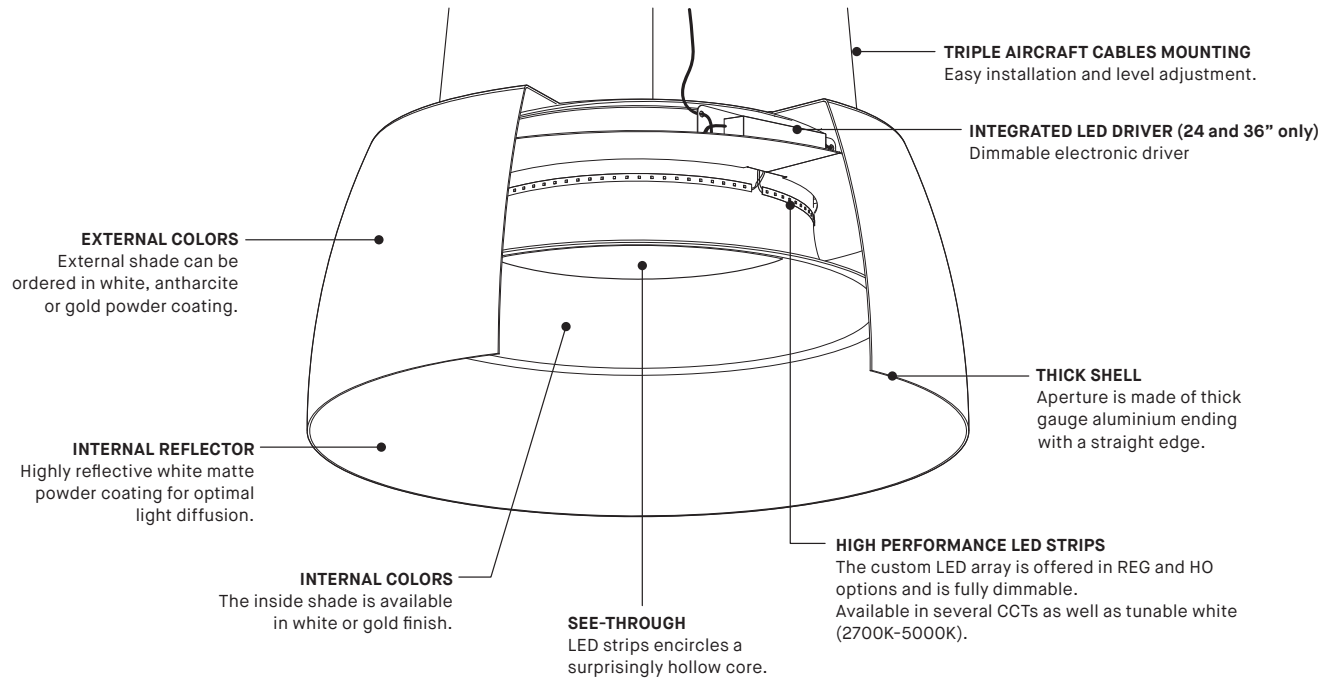
INTERIOR FINISH:

c-CSA-us

CERTIFIED:

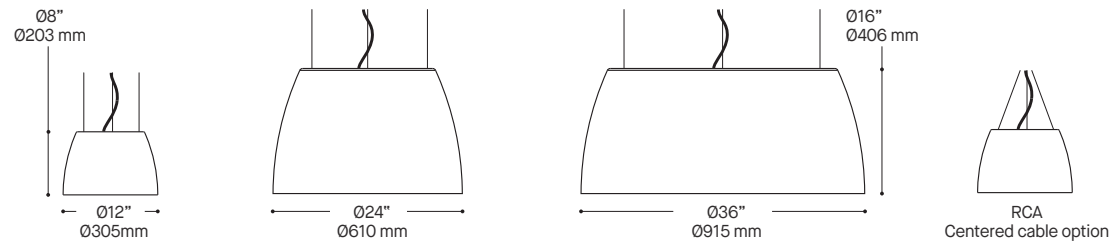


TECHNICAL DATA



VERSATILITY

Available in three different diameters, all versions feature the same shape making it a complete family. All sizes are available with aircraft cables angled to center (RCA option shown below).

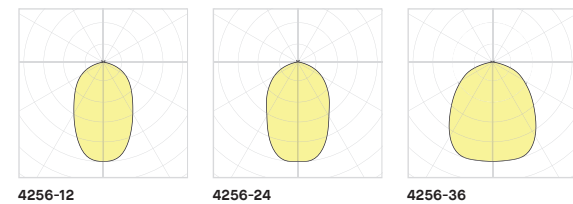


| PRODUCT SPECIFICATION | 4256-12 | | | | 4256-24 | | | | 4256-36 | | | |
|--|---|-------|-------|--------|--------------------------------|--------|--------|--------|--------------------------------|--------|--------|--|
| | TW | TW HO | REG | HO | TW | TW HO | REG | HO | TW | REG | HO | |
| PERFORMANCE | | | | | | | | | | | | |
| SYSTEM WATTAGE | 17.3W | 26.6W | 21.6W | 32.6W | 32.1W | 49.2W | 40.5W | 57.4W | 49.4W | 62.1W | 86.1W | |
| DELIVERED LUMENS (4000K) | 563LM | 789LM | 736LM | 1166LM | 1163LM | 1632LM | 1533LM | 2302LM | 2244LM | 2948LM | 4402LM | |
| OTHER INFORMATIONS | | | | | | | | | | | | |
| LUMINAIRE'S WEIGHT | 4,62 LBS / 2,1 KG | | | | 15,7 LBS / 7,14 KG | | | | 30,69 LBS / 13,95 KG | | | |
| L70 (LUMEN MAINTENANCE) | > 60 000 HRS | | | | > 60 000 HRS | | | | > 60 000 HRS | | | |
| WELL & LEED STANDARD REQUIREMENTS | | | | | | | | | | | | |
| MAX. LUMINANCE 45°-90° OF NADIR | 4653 CD/M ² (AT HO) | | | | 2321 CD/M ² (AT HO) | | | | 1928 CD/M ² (AT HO) | | | |
| LIGHT QUALITY | R9 > 50 (90 CRI OPTION) | | | | | | | | | | | |
| FLICKERING TOLERANCE | LOW FLICKER, COMPLIANT TO CALIFORNIA TITLE 24 | | | | | | | | | | | |

EFFICACY MULTIPLIERS

| CRI | CCT | FACTOR | TW FACTOR |
|-----|-------|--------|-----------|
| 80+ | 5000K | - | 0.93 |
| 80+ | 4000K | 1.00 | 1.00 |
| 80+ | 3500K | 0.98 | 0.99 |
| 80+ | 3000K | 0.94 | 0.98 |
| 80+ | 2700K | 0.91 | 0.91 |
| 90+ | 4000K | 0.88 | - |
| 90+ | 3500K | 0.85 | - |
| 90+ | 3000K | 0.81 | - |
| 90+ | 2700K | 0.77 | - |

LIGHT DISTRIBUTION



PHOTOMETRIC REPORT

APERTURE 4256-12

4256-12-LED.40

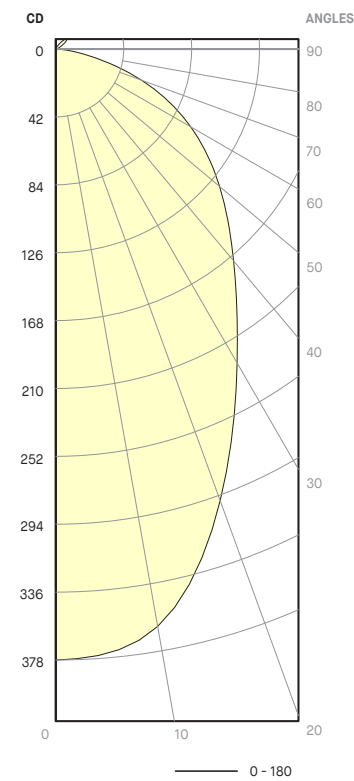
| | |
|----------------------------|--------|
| CCT (K): | 4000 |
| Delivered Lumens (lm): | 736 |
| System wattage (W)*: | 21.6 |
| Distribution: | Direct |
| Delivered Efficacy (lm/W): | 34 |

4256-12-LED.40

| | |
|----------------------------|--------|
| CCT (K): | 4000 |
| Delivered Lumens (lm): | 1163 |
| System wattage (W)*: | 32.6 |
| Distribution: | Direct |
| Delivered Efficacy (lm/W): | 36 |

4256-12-LED.TW

| | |
|--------------------------------|-----------|
| CCT (K): | 2700-5000 |
| Delivered Lumens @ 4000K (lm): | 563 |
| System wattage (W)*: | 17.3 |
| Distribution: | Direct |
| Delivered Efficacy (lm/W): | 33 |



APERTURE 4256-24

4256-24-LED.40

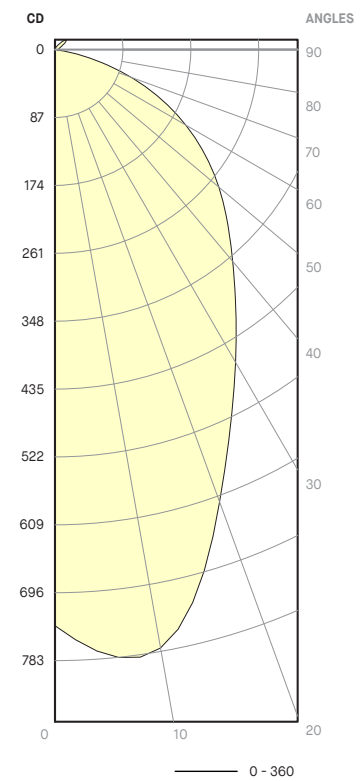
| | |
|----------------------------|--------|
| CCT (K): | 4000 |
| Delivered Lumens (lm): | 1533 |
| System wattage (W)*: | 40.5 |
| Distribution: | Direct |
| Delivered Efficacy (lm/W): | 38 |

4256-24-LED.40

| | |
|----------------------------|--------|
| CCT (K): | 4000 |
| Delivered Lumens (lm): | 2302 |
| System wattage (W)*: | 57.4 |
| Distribution: | Direct |
| Delivered Efficacy (lm/W): | 40 |

4256-24-LED.TW

| | |
|--------------------------------|-----------|
| CCT (K): | 2700-5000 |
| Delivered Lumens @ 4000K (lm): | 1163 |
| System wattage (W)*: | 32.1 |
| Distribution: | Direct |
| Delivered Efficacy (lm/W): | 36 |



APERTURE 4256-36

4256-36-LED.40

| | |
|----------------------------|--------|
| CCT (K): | 4000 |
| Delivered Lumens (lm): | 2948 |
| System wattage (W)*: | 62.1 |
| Distribution: | Direct |
| Delivered Efficacy (lm/W): | 47 |

4256-36-LED.40

| | |
|----------------------------|--------|
| CCT (K): | 4000 |
| Delivered Lumens (lm): | 4402 |
| System wattage (W)*: | 86.1 |
| Distribution: | Direct |
| Delivered Efficacy (lm/W): | 51 |

4256-36-LED.TW

| | |
|--------------------------------|-----------|
| CCT (K): | 2700-5000 |
| Delivered Lumens @ 4000K (lm): | 2244 |
| System wattage (W)*: | 49.4 |
| Distribution: | Direct |
| Delivered Efficacy (lm/W): | 45 |

